About Mihan Aluminium Ghadir

درباره میهن آلومینیوم غدیر

برند میهن آلومینیوم غدیر حیات خود را در سال 1364 و در جمعی خانوادگی آغاز کرد. اکنون شرکت میهن آلومینیوم غدیر که با نام اختصاری MAG نیز شناخته شده است، با تجربه‌ای بالغ بر 40 سال موفق شده است تا یکی از برترین تولیدکنندگان پروفیل آلومینیوم در کشور باشد.

Mihan Aluminum Ghadir brand started its life in 1985. Now Mihan Aluminum Ghadir company, also known by its acronym MAG, has been able to be one of the top manufacturers of aluminum profiles in the country with more than 40 years of experience.

Mihan Aluminium Ghadir

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Department of Extrusion Die Design & Fabrication

Mihan Aluminum Ghadir with the most advanced and up-to-date extrusion molding unit and with years of experience in making exclusive extrusion molds for customers and applicants has been a leader and innovator in the design and manufacture of all kinds of extrusion molds in the country.

As the core of the company's activities, Mihan Aluminum Ghadir molding unit has made it possible for us to proudly say that we have made it possible for applicants to provide aluminum profile production services from zero to one hundred, from molding to delivery.

واحد طراحی و ساخت قالب اکستروژن

میهن آلومینیوم غدیر با پیشرفته ترین و به روزترین واحد قالب سازی اکستروژن، با سالها تجربه در ساخت قالب های اکستروژن اختصاصی برای مشتریان و متقاضیان در طراحی و ساخت انواع قالب اکستروژن ِکشور پیشرو و نوآور بوده است.

واحد قالبسازی میهن آلومینیوم غدیر به عنوان هسته مرکزی فعالیت شرکت، باعث شده است تا با افتخار بگوییم از صفر تا صد خدمات تولید پروفیل آلومینیوم، از قالبسازی تا تحویل را برای متقاضیان ممکن ساختهایم.

قسم تصميم وصنع القوالب

تتمتع شركة ميهن للألمنيوم غدير بأحدث وأحدث وحدات التشكيل بالبثق ولديها سنوات من الخبرة في صنع قوالب البثق الحصرية للعملاء والمتقدمين في تصميم وتصنيع جميع أنواعلقد كان قالب البثق في البلاد رائداً ومبتكراً. باعتبارها جوهر أنشطة الشركة، فإن وحدة صب ميهان للألمنيوم غدير جعلتنا فخورين بأن نقول إننا نقدم خدمات إنتاج مقاطع الألمنيوم من صفر إلى مائة، بدءًا من القولبة وحتى التسليم.لقد جعلنا ذلك ممكنا للمتقدمين.

واحد طراحی و ساخت قالب اکستروژن

Department of Extrusion Die Design & Fabrication

قسم تصميم وصنع القوالب





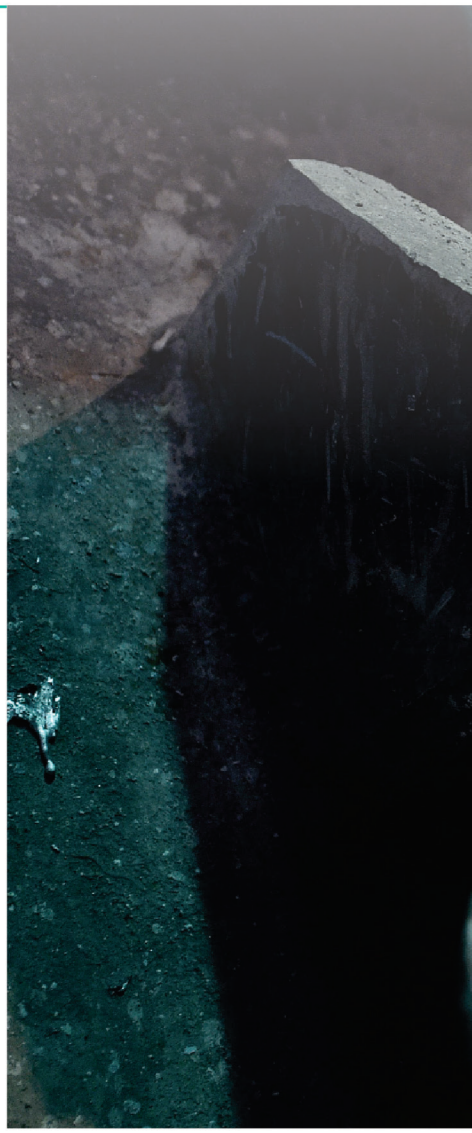


ریخته‌گری
Casting

صب







Casting

Mihan Aluminum Ghadir, equipped with 3 separate and up-to-date casting lines, deals with the casting of high-quality aluminum billets. The goal is to cast aluminum billets in this unit as the most basic and basic raw material for the production of aluminum profiles with high precision from below. Pass through the quality control experts of Ghadir aluminum homeland.

The alloys used in the casting of all 3 lines can be named as follows:

- 1070A
- 6060
- 6063
- 6101B
- 7075
- 6005
- 6061
- 6082
- 6106

ریخته‌گری

میهن آلومینیوم غدیر مجهز به ۳ خط ریخته گری مجزا و به روز، به ریخت بیلت آلومینیومی باکیفیت می پردازد.و هدف بر این است تا در این واحد ریخت بیلت آلومینیومی به عنوان اساسی‌ترین و ابتدایی‌ترین ماده اولیه تولید پروفیل آلومینیوم با دقت بالا از زیر ذره بین کارشناسان کنترل کیفی میهن آلومینیوم غدیر عبور کند.

آلیاژهای مصرفی در ریخته‌گری هر ۳ خط را میتوانیم به شرح زیر نام ببریم:

- 1070A
- 6060
- 6063
- 6101B
- 7075
- 6005
- 6061
- 6082
- 6106



صب

تقوم شركة ميهن للألمنيوم غدير، المجهزة بثلاثة خطوط صب منفصلة وحديثة، بصب قضبان الألمنيوم عالية الجودة. الهدف هو صب كتل الألمنيوم في هذه الوحدة باعتبارها المادة الخام الأساسية والأساسية لإنتاج مقاطع الألمنيوم بدقة عالية من الأسفل. المرور على خبراء مراقبة الجودة لدى موطن غدير للألمنيوم.يمكن تسمية السبائك المستخدمة في صب الخطوط الثلاثة على النحو التالي:

- 1070A
- 6060
- 6063
- 6101B
- 7075
- 6005
- 6061
- 6082
- 6106



Extrusion Press

10 Extrusion presses of Mihan Aluminum Ghadir Company as the main devices for the aluminum profile production process are the most basic equipment of the production unit, and the use of the best devices in the world is a guarantee of the quality and speed of orders.

پرس اکستروژن

۱۰ پرس اکستروژن شرکت میهن آلومینیوم غدیر به عنوان دستگاه‌های اصلی انجام فرآیند تولید پروفیل‌های آلومینیوم اساسی‌ترین تجهیزات واحد تولید محسوب می‌شوند که استفاده از برترین دستگاه‌های روز دنیا ضمانتی بر کیفیت و سرعت اجرای سفارشات است.



الصحافة البثق

١٠ مكابس بثق تابعة لشركة ميهان للألمنيوم غدير باعتبارها الأجهزة الرئيسية لعملية إنتاج مقاطع الألمنيوم هي المعدات الأساسية لوحدة الإنتاج، واستخدام أفضل الأجهزة في العالم هو ضمان جودة وسرعة الطلبيات.

پرس اکستروژن
Extrusion Press
الصحافة البثق







آنادایزینگ
Anodizing
أنودة







Anodizing

The well-equipped and up-to-date anodizing lines of Mihan Aluminum Ghadir guarantees the implementation of electroplating services in various colors according to the requests of customers and applicants. Anodizing is one of the important operations for good coating of aluminum profile. The usual process of anodizing the aluminum profile is in this way, in this process, a proportional electrolyte liquid is passed without the intermediary of electricity, which is considered the anode in aluminum and the cathode in another alloy. The sprayed layer on the aluminum surface creates a suitable surface in different thicknesses according to various cases. As a result, this coating brings high resistance and increased physical capabilities of the final product.

آنادایزینگ

خطوط آنادایزینگ مجهز و به روز میهن آلومینیوم غدیر اجرای خدمات آبکاری در رنگ‌های مختلف را به خواست مشتریان و متقاضیان ضمانت می‌کند. آنادایز کردن یکی از عملیات‌های مهم برای پوشش‌دهی خوب به پروفیل آلومینیوم محسوب می‌شود. فرایند معمول آنادایز کردن پروفیل آلومینیوم، به این شکل بوده که در این روند بدون واسطه نیروی الکتریسیته از یک مایع الکترولیت متناسب، عبور داده می‌شود که این رویه در آلومینیوم آند و در آلیاژ دیگری کاتد محسوب می‌شود. لایه پاشیده شده بر رویه‌ی آلومینیوم یک سطح مناسب در ضخامت‌های مختلف با توجه به موارد متنوعی ایجاد می‌کند. در نتیجه، این پوشش مقاومت بالا و افزایش قابلیت‌های فیزیکی محصول نهایی را به ارمغان می‌آورد.

أنودة

تقدم خطوط الأنودة المجهزة والحديثة من شركة مهين غدير للألمنيوم خدمات الطلاء الكهربائي بألوان مختلفة حسب احتياجات العملاءضمان المتقدمين. الأنودة هي واحدة من العمليات الهامة للطلاءإنه جيد لملف الألمنيوم. تتم العملية المعتادة لأكسيد الألومنيوم بهذه الطريقة، في هذه العملية، بدون مساعدة الكهرباء، يتم تمرير سائل إلكتروليت متناسب، والذي يعتبر أنودًا في الألومنيوم وكاثودًا في سبيكة أخرى. الطبقة المرشوشة على سطح الألمنيوم تخلق سطحًا مناسبًا بسماكات مختلفة وفقًا للحالات المختلفةيفعل.ونتيجة لذلك، فإن هذا الطلاء يوفر مقاومة عالية ويزيد من القدرات المادية للمنتج النهائي.







Powder paint

Mihan Aluminum Ghadir, equipped with 3 lines of powder paint for aluminum profiles, has the ability to make the produced aluminum profiles in a variety of colors at the request of the customers.

Powder coating or electrostatic paint is a type of industrial paint that consists of fine and solid particles of resin and pigments, which are used to paint all kinds of aluminum profiles. This process helps us to provide the audience with a wide range of colors in addition to having the properties and characteristics of aluminum metal.

رنگ

میهن آلومینیوم غدیر مجهز به ۳ خط رنگ پودری پروفیل آلومینیوم، این قابلیت را دارد تا به خواست مشتریان پروفیل های آلومینیوم تولید شده را به رنگ‌هایی با تعدد بالا در آورند. رنگ پودری یا الکترواستاتیک نوعی رنگ صنعتی است که از ذرات ریز و جامد رزین و رنگدانه‌ها تشکیل شده‌اند که جهت رنگ آمیزی انواع پروفیل آلومینیوم مورد استفاده قرار می‌گیرند. این فرآیند به ما کمک میکند تا علاوه بر برخورداری از خواص و ویژگی های فلز آلومینیوم، رنگ‌هایی با طیف گسترده در اختیار مخاطبان قراردهیم.

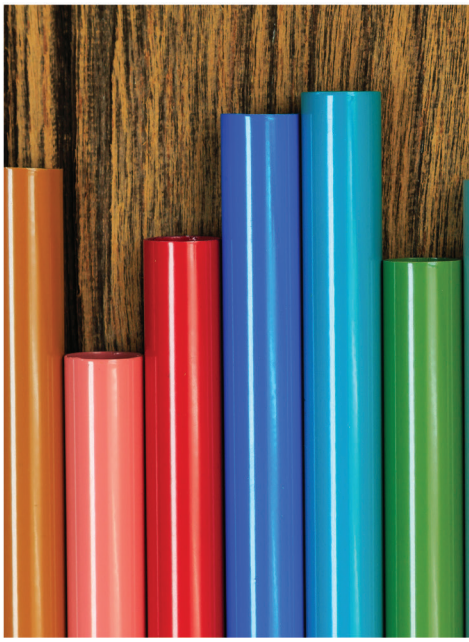


مسحوق الطلاء

تجهيز شركة ميهان للألمنيوم غدير بـ ٣ خطوط طلاء مسحوق لقطاعات الألمنيوم، ولديها القدرة على إنتاج قطاعات الألمنيوم بألوان متعددة حسب طلب العميل.ارفع الطلاء المسحوق أو الكهروستاتيكي هو نوع من الطلاء الصناعي الذي يتكون من جزيئات صغيرة وصلبة من الراتنجات والأصباغ التي تستخدم لطلاء جميع أنواع مقاطع الألمنيوم. تساعدنا هذه العملية في إنتاج ألوان ذات خصائص وخصائص معدن الألمنيوم طيف واسع للجمهور.

رنگ پودری
Powder paint
مسحوق الطلاء





شماره رال	کد رنگ
RAL 1000	
RAL 1001	
RAL 1002	
RAL 1003	
RAL 1004	
RAL 1005	
RAL 1006	
RAL 1007	
RAL 1011	
RAL 1012	
RAL 1013	
RAL 1014	
RAL 1015	
RAL 1016	
RAL 1017	
RAL 1018	
RAL 1019	
RAL 1020	
RAL 1021	
RAL 1023	
RAL 1024	
RAL 1026	
RAL 1027	
RAL 1028	
RAL 1032	
RAL 1033	
RAL 1034	
RAL 1035	
RAL 1036	
RAL 1037	
RAL 2000	
RAL 2001	
RAL 2002	
RAL 2003	
RAL 2004	
RAL 2005	
RAL 2007	
RAL 2008	
RAL 2009	
RAL 2010	
RAL 2011	
RAL 2012	
RAL 2013	
RAL 3000	
RAL 5010	
RAL 5011	
RAL 5012	
RAL 5013	
RAL 8008	
RAL 8011	
RAL 8012	
RAL 8014	
RAL 8015	

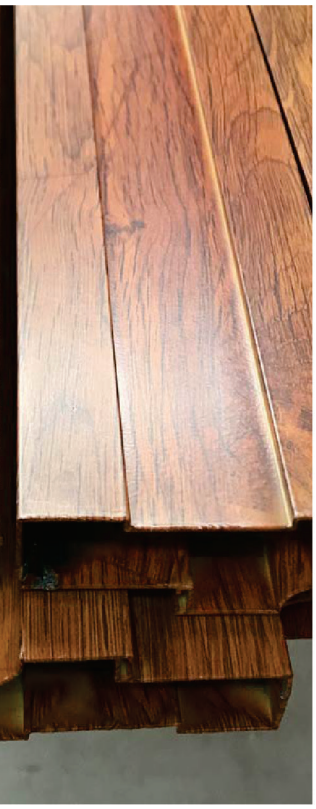
شماره رال	کد رنگ
RAL 5014	
RAL 5015	
RAL 5017	
RAL 5018	
RAL 5019	
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RAL 5022	
RAL 5023	
RAL 5024	
RAL 5025	
RAL 5026	
RAL 6000	
RAL 6001	
RAL 6002	
RAL 6003	
RAL 6004	
RAL 6005	
RAL 6006	
RAL 6007	
RAL 6008	
RAL 6009	
RAL 6010	
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RAL 6024	
RAL 6025	
RAL 6026	
RAL 6027	
RAL 6028	
RAL 6029	
RAL 6032	
RAL 6033	
RAL 8003	
RAL 8004	
RAL 8007	
RAL 8029	
RAL 9001	
RAL 9002	
RAL 9003	
RAL 9004	
RAL 9005	

شماره رال	کد رنگ
RAL 3001	
RAL 3002	
RAL 3003	
RAL 3004	
RAL 3005	
RAL 3007	
RAL 3009	
RAL 3011	
RAL 3012	
RAL 3013	
RAL 3014	
RAL 3015	
RAL 3016	
RAL 3017	
RAL 3018	
RAL 3020	
RAL 3022	
RAL 3024	
RAL 3026	
RAL 3027	
RAL 3031	
RAL 3032	
RAL 3033	
RAL 4001	
RAL 4002	
RAL 4003	
RAL 4004	
RAL 4005	
RAL 4006	
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RAL 5000	
RAL 5001	
RAL 5002	
RAL 5003	
RAL 5004	
RAL 5005	
RAL 5007	
RAL 5008	
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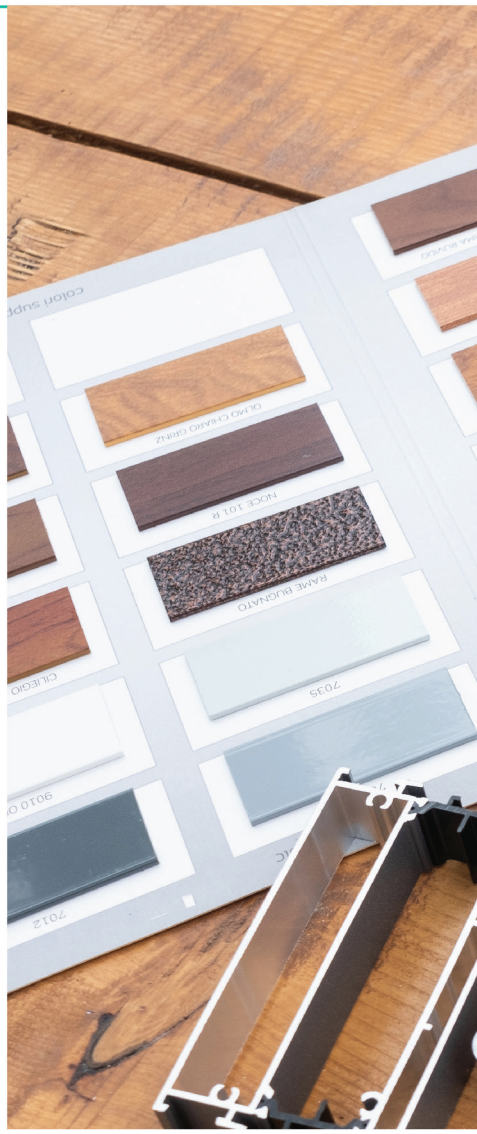
شماره رال	کد رنگ
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RAL 6035	
RAL 6036	
RAL 7000	
RAL 7001	
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RAL 7004	
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RAL 7042	
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RAL 7044	
RAL 7045	
RAL 7046	
RAL 7047	
RAL 7048	
RAL 8000	
RAL 8001	
RAL 8002	
RAL 9006	
RAL 9007	
RAL 9010	
RAL 9011	
RAL 9016	
RAL 9018	
RAL 9022	
RAL 9022	

دکـورال
Decoral
دیکور









Decoral

The color and decorative lines of Mihan Aluminum Ghadir have been equipped and measured to meet the needs of the applicants regarding the creation of various aluminum profile covers in different designs and colors.
In the decorative process, by creating a cover of the wood design to the design and color desired by the applicants, a combination of the natural feeling of wood and the strength and lightness of aluminum can be presented in the product.

دکورال

خط رنگ و دکورال میهن آلومینیوم غدیر تجهیز و راه اندازی شده است تا پاسخگوی نیاز متقاضیان در رابطه با ایجاد انواع پوشش‌های پروفیل آلومینیوم در طرح و رنگ‌های متفاوت باشند.

در فرآیند دکورال، با ایجاد پوششی از طرح چوب به طرح و رنگ موردنظر متقاضیان، می‌توان تلفیقی از حس طبیعی چوب و مقاومت و سبکی آلومینیوم را در محصول ارائه داد.

ديكور

تجهيز وقياس الألوان والخطوط الزخرفية الخاصة بشركة ميهن لتلبية احتياجات المتقدمين فيما يتعلق بإنشاء أنواع مختلفة من أغطية مقاطع الألمنيوم بتصميمات وألوان مختلفة.في عملية الديكور، من خلال إنشاء غطاء من التصميم الخشبي إلى التصميم واللون المرغوب فيه من قبل المتقدمين، يمكن تقديم مزيج من الشعور الطبيعي للخشب وقوة وخفة الألومنيوم في المنتج.







Machining

Mihan Aluminum Ghadir, equipped with 6 machining units, 2 Polyamide sewing lines, plans to provide 0 to 100 services related to the production of aluminum profiles in one place, even after the production of the raw profile, to Emiri customers.

Providing machining services allows the applicants to get the aluminum profile they need in pieces with the desired length and cut, and even more details such as drilling, etc. can be applied on these sections if needed.

ماشین‌کاری

میهن آلومینیوم غدیر مجهز به 6 واحد ماشین کاری، 2 خط دوخت پلی امید، قصد دارد تا صفر تا صد خدمات مربوط به تولید پروفیل آلومینیوم در یک مکان، حتی پس از تولید پروفیل خام را برای مشتریان امری در دسترس قراردهد.

ارائه خدمات ماشین کاری به متقاضیان این امکان را می‌دهد تا پروفیل آلومینیوم موردنیاز خود را در قطعات با طول و برش موردنظر تحویل بگیرند و حتی در صورت نیاز جزئیات بیشتری مانند سوراخکاری و ... نیز بر روی این مقاطع قابل اجرا باشد.

بالقطع

تخطط شركى ميهن، المجهزة بـ ٦ وحدات تصنيع وخطي خياطة بولي أوميد، لتقديم من ٠ إلى ١٠٠ خدمة تتعلق بإنتاج مقاطع الألمنيوم في مكان واحد، حتى بعد إنتاج المقاطع الخام، للعملاء الأميريين. إن توفير خدمات التصنيع يسمح للمتقدمين بالحصول على مقاطع الألمنيوم التي يحتاجونها على شكل قطع بالطول والقطع المطلوبين، وحتى المزيد من التفاصيل مثل الحفر وما إلى ذلك يمكن تطبيقها على هذه المقاطع إذا لزم الأمر.

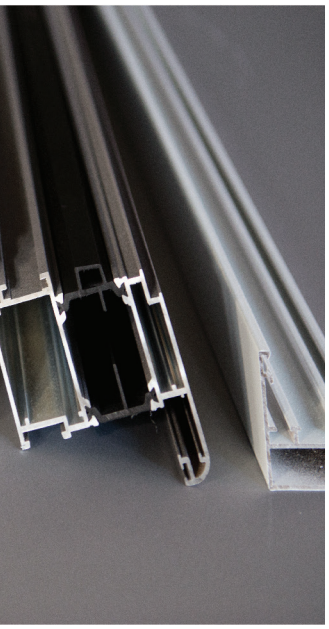
ماشین‌کاری
Machining
بالقطع

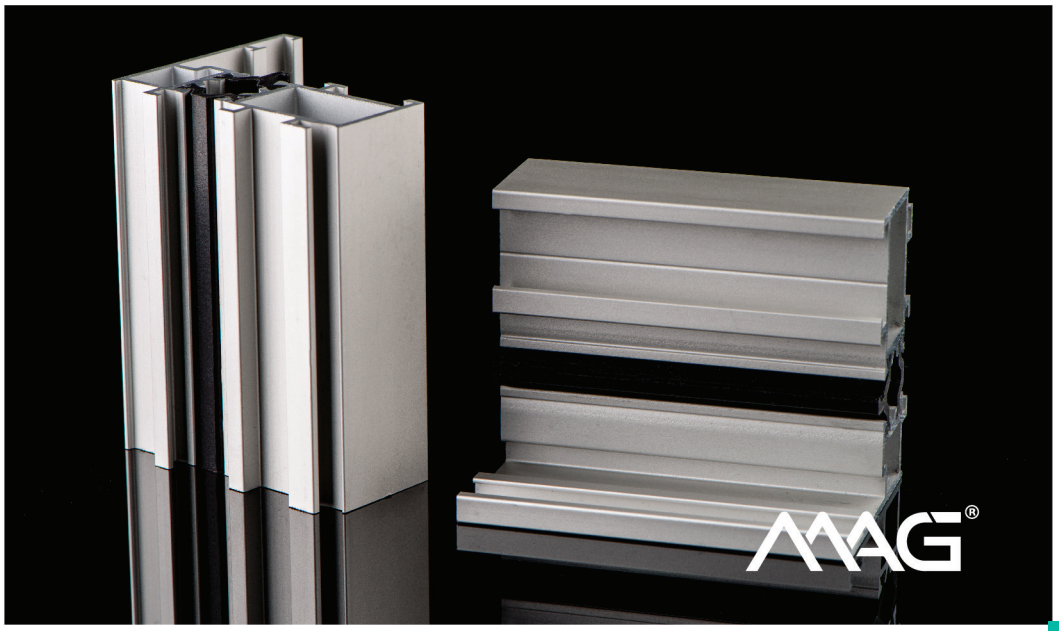




ترمال بريك
Thermal Break
العازل الحراري







Thermal Break

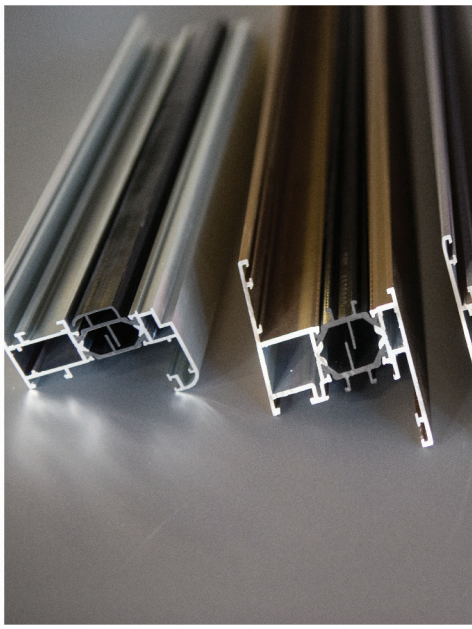
Since today the increase in energy consumption and the subsequent price increase is one of the main concerns of people, we in the aluminum profile industry consider ourselves obliged to optimize energy consumption by enabling the insulation of profiles used in areas such as Doors and windows to take a practical step in this direction. Implementing thermal break or insulation services, such as insulation outside the profile frame, can prevent heat transfer and thus reduce energy consumption.

ترمال بریک

از آنجایی که امروزه افزایش مصرف انرژی و به دنبال آن افزایش قیمت یکی از دغدغه‌های اصلی افراد به حساب می‌آید، ما نیز در صنعت پروفیل آلومینیوم خود را موظف می‌دانیم تا در راستای بهینه سازی مصرف انرژی‌ها با امکان سازی عایق بندی پروفیل های مورد استفاده در حوزه‌هایی چون درب و پنجره قدمی موثر در این مسیر برداریم. اجرای خدمات ترمال بریک یا گرمابند، به عنوان عایقی در سمت خارجی چارچوب پروفیل‌ها به خوبی می‌تواند مانع جابه‌جایی حرارت و در نتیجه کاهش مصرف انرژی شود.

العازل الحراري

نظرا إلى أن اليوم تعتبر زيادة استهلاك الطاقة وزيادة التكالف إحدى من هموم الناس الرئيسة، فنحن نلزم أنفسنا في صناعة بروفيل الألومنيوم أن نتخذ خطوة فعالة في مسار تحسين استهلاك الطاقة عن طريق عزل البروفيلات المستخدمة في مجالات بمثل الأبواب والنوافذ. يمكن أن يؤدي تطبيق خدمات العازل الحراري كعازل في القسم الخارجي من إطار البروفيلات إلى الحيلولة دون انتقال الحرارة بشكل جيد وبالتالي تقليل استهلاك الطاقة.





Packaging & finishing

The packaging and finishing unit of Mihan Aluminum Ghadir has provided safe and protected delivery of orders by considering the best type of coating and packaging suitable for the needs of our customers.



بسته‌بندی و فینیشینگ

واحد بسته بندی و فینیشینگ میهن آلومینیوم غدیر با درنظر گرفتن بهترین نوع از پوشش و بسته بندی مناسب با نیاز مشتریان، تحویلی ایمن و محافظت شده از سفارشات را فرآهم آورده است.

التعبئة و التغليف والتشطي

قامت وحدة التعبئة والتغليف والتشطيب في شركة ميهان للألمنيوم غدير بتوفير أفضل أنواع الطلاء والتعبئة حسب الاحتياجات. تزويد العملاء بالتسليم الآمن للطلبات

بسته‌بندی و فینیشینگ
Packaging & finishing
التعبئة والتغليف والتشطي







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02	HT68	درب و پنجره لولایی لنگه مخفی ترمال بریک/ Thermal Break Hidden Vent Hinged Door & Window
03	HT60	درب و پنجره لولایی ترمال بریک/ Thermal Break Hinged Door & Window
04	HT60FLAT	درب و پنجره لولایی ترمال بریک تخت/ Flat Thermal Break Hinged Door & Window
05	HN59	درب و پنجره لولایی/ Hinged Door & Window
06	HN42	درب و پنجره لولایی/ Hinged Door & Window
07	HN45H	درب آلدوکس سنگین طرح ترکیه/ Heavy Door Aldoks Turkey Plans

1

Hinged Door & Window

درب و پنجره لولایی

HT78

درب و پنجره لولایی ترمال بریک

پنجره لولایی لنگه مخفی

مشخصـــــات سیســـــتم

- اندازه‌ی عرض فریم : ۷۸میلیمتر
- اندازه‌ی عرضه لنگه : ۸۵ میلیمتر
- اندازه پلی امید : ۳٤ میلیمتر
- ضخامت دیواره‌ی پروفیل : ۱٫۸ میلیمتر
- نمای ظاهر پروفیل : تخت و صاف از نمای بیرون و داخل
- دارای بیشترین آب‌بندی و هوابندی با استفاده از لاستیک های EPDM
- دارای زهوار و گونیا پانچی مشترک با سریهای دیگر و مونتاژ آسان
- دارای ممان اینرسی بالا برای نصب در ارتفاع با فشار باد زیاد
- امکان نصب بازشو تک حالته - دو حالته و لنگه مخفی - فولکس واگنی - کلنگی

01

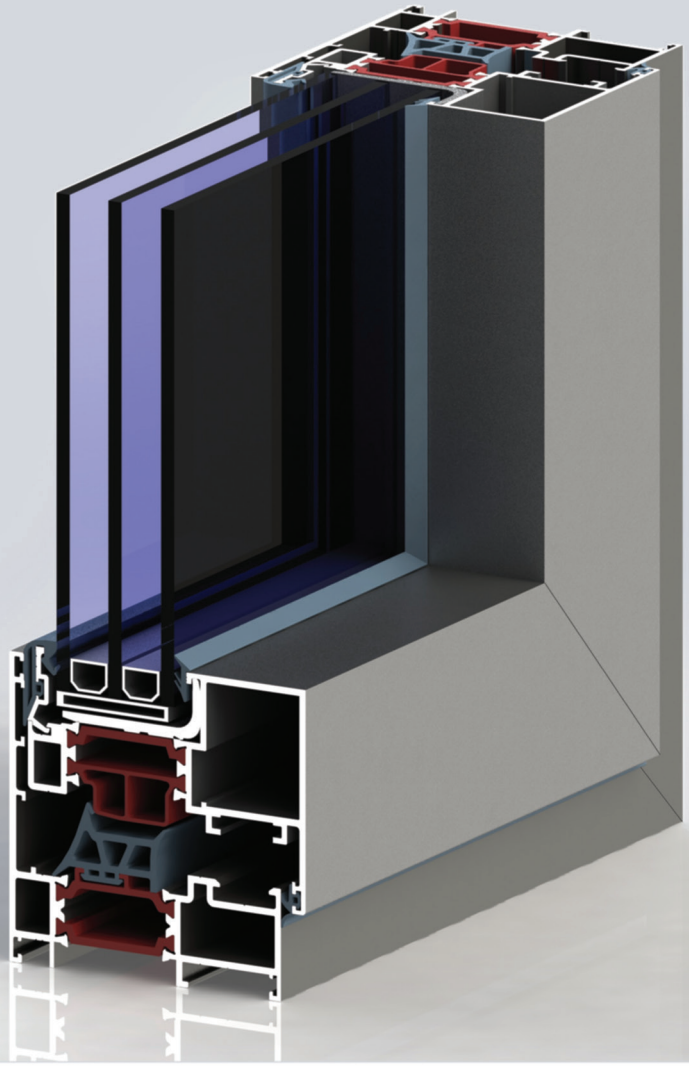
HT78

Thermal Break

Hinged Door & Window

Hidden Vent window

- Product code: HT78
- Frame width : 78 mm
- Sash width : 85 mm
- Polyamide size : 34 mm
- Wall thickness : 1.8 mm
- Appearance : Flat and smooth from the outside and inside
- Type of corner fixture : Riveted
- Thickness of glass : 30 to 54 mm
- EPDM identification and sealing gaskets
- Possibility to install European fittings
- Type of opening : Hidden Vent - Turn - Tilt and Turn - Tilt and Slide - French



Test Certificate- سرتیفیکیت HT 78

Norms Applied : TS EN 14351-1+A1, TS EN 1026 , TS EN 1027 , TS4644 EN 12211

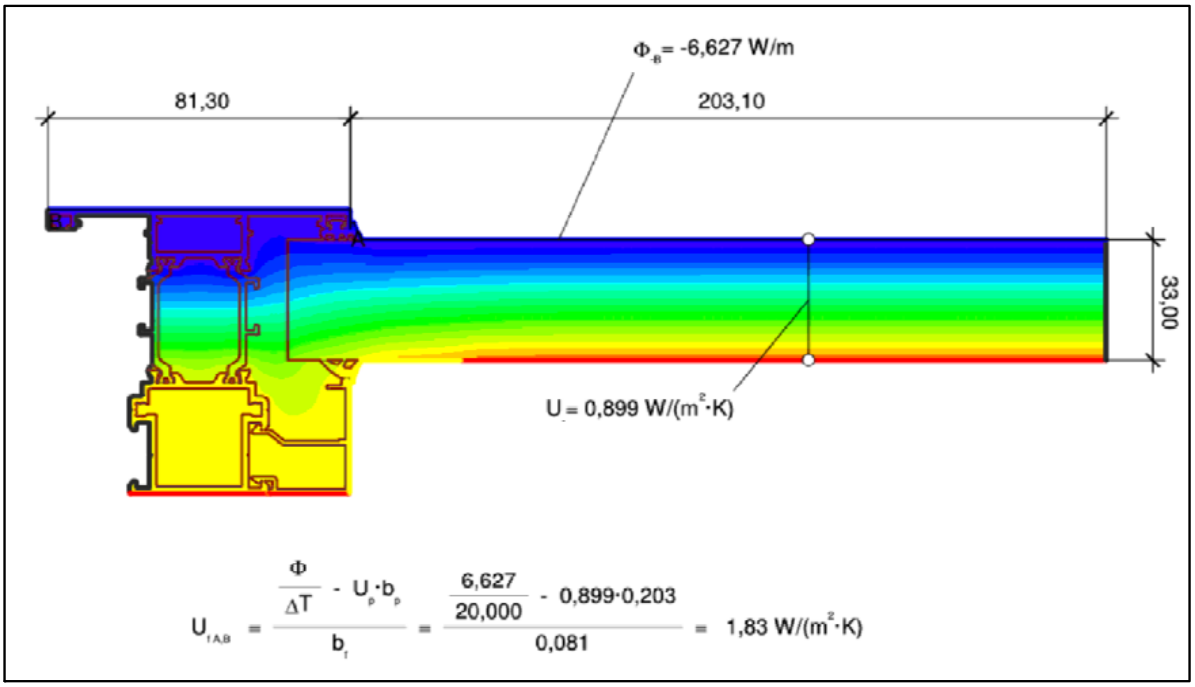
Results:

TS EN 12207 Air Permeability : Class4 (600Pa)

TS EN 12208 Watertightness : Class9A (600Pa)

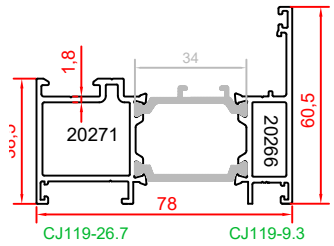
TS EN 12210 Resistance to Winde Load : ClassC3 (1200Pa)

TS EN 12210 Resistance to Safty Load : OK (1800Pa)



اندازه ی Uf با تغییر Ug شیشه تغییر میکند

Jf value can be cahnage according to the glass Ug value



20266-20271

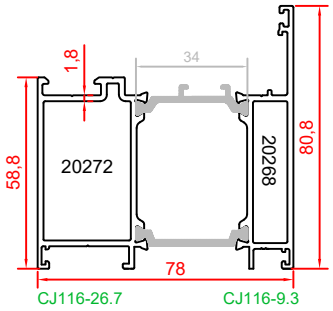
پروفیـــل فـــریم

frame profile

1.714 kg/m

Jx=43 cm^4

Jy=12 cm^4



20268-20272

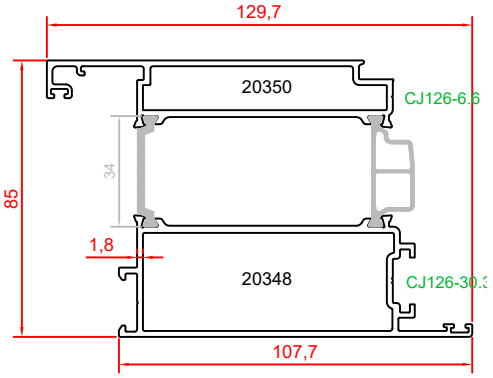
فـــریم بازشـــو فـــولکس واگـــنی

frame profile

2.125 kg/m

Jx=56 cm^4

Jy=34 cm^4

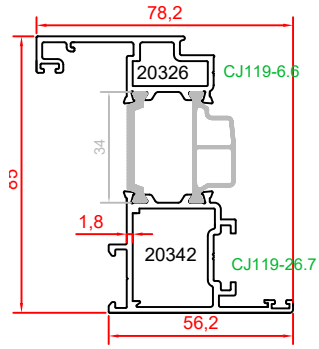


20348-20350

لنگـــه درب بلنـــد داخل بازشـــو

inward opening sash

3.157 kg/m



20326-20342

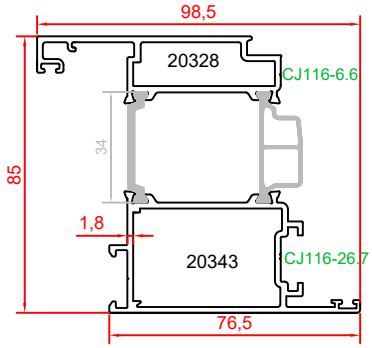
لنگـــه پنجـــره

sash profile

1.977 kg/m

Jx=62 cm^4

Jy=19 cm^4



20328-20343

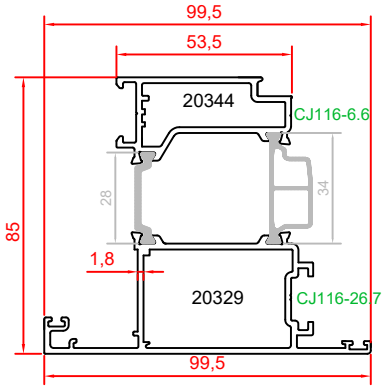
درب داخل بازشـــو

inward opening sash

2.401 kg/m

Jx=77 cm^4

Jy=47 cm^4



20329-20344

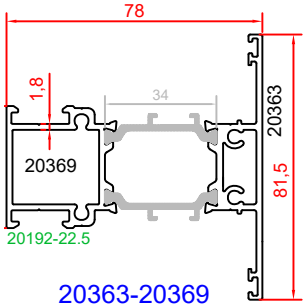
درب بـــیرون بازشـــو

outward openig sash

2.410 kg/m

Jx=75 cm^4

Jy=47 cm^4



20363-20369

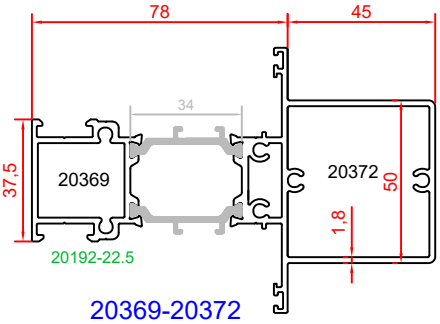
پروفیـــل ســـپری

T profile

1.975 kg/m

Jx=51 cm^4

Jy=18 cm^4



20369-20372

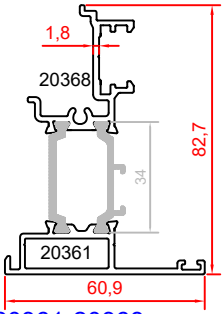
پروفیـــل ســـپری تقویـــت شده

Supported T profile

2.761 kg/m

Jx=132 cm^4

Jy=29 cm^4

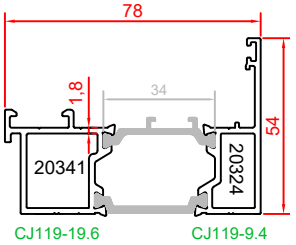


20361-20368

پروفیـــل آورهانگ

double sash adaptor

1.513 kg/m

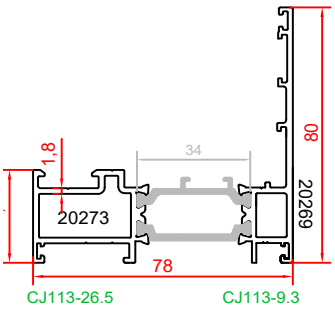


20324-20341

اپتـــور درب بـــیرون بازشـــو

outward openig adapt

1.563 kg/m



20269-20273

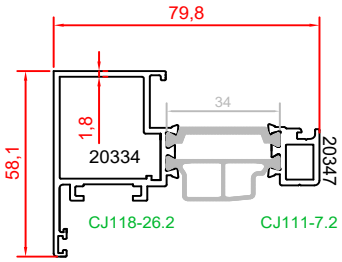
پروفیـــل فـــریم

frame profile

1.719 kg/m

Jx=47 cm^4

Jy=20 cm^4



20334-20347

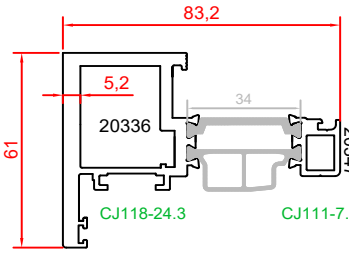
پروفیـــل لنگـــه

sash profile

1.594 kg/m

Jx=37 cm^4

Jy=8 cm^4



20336-20347

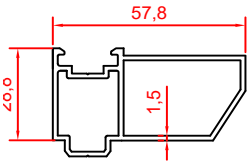
پروفیـــل لنگـــه

sash profile

2.631 kg/m

Jx=64 cm^4

Jy=20.8 cm^4

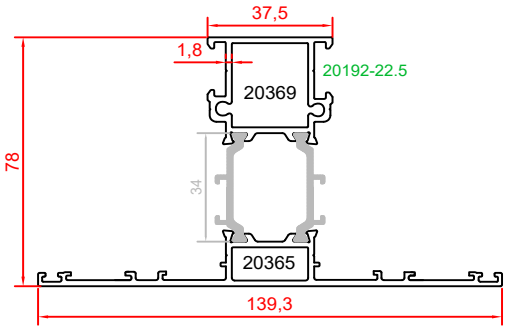


20371

پروفیـــل آداپتـــور

adapter profile

0.771kg/m



20365-20369

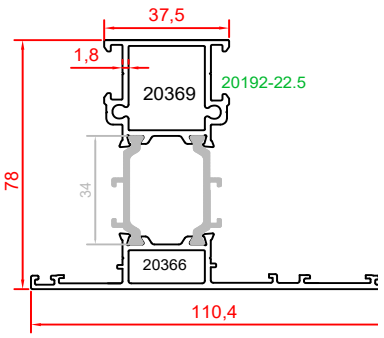
ســپری بلنـــد لنگـــه مخفـی

transom - mullion profile

2.268 kg/m

Jx=63 cm^4

Jy=57 cm^4



20366-20369

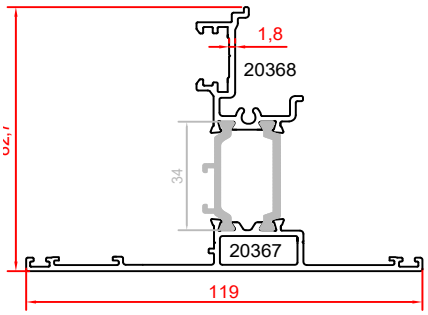
ســپری بلنـــد لنگـــه مخفـی

transom - mullion pro

2.072 kg/m

Jx=55 cm^4

Jy=37 cm^4



20367-20368

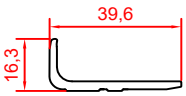
پروفیـــل آورهانگ

double sash adaptor

1.851 kg/m

Jx=44 cm^4

Jy=26 cm^4



20181

پروفیـــل آداپتـــور

adapter profile

0.381 kg/m

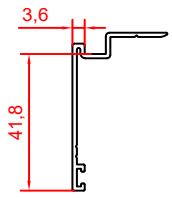


20124

زهوار لنگـــه مخفـی

galazing bid profile

0.165 kg/m

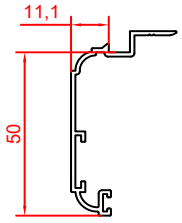


20091

پروفیـــــل روکـوب

border profile

0.328 kg/m

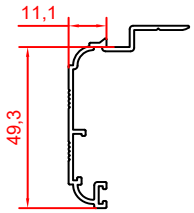


20097

پروفیـــــل روکـوب

border profile

0.241 kg/m

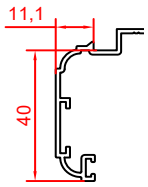


20094

پروفیـــــل روکـوب شـیار دار

border profile

0.416 kg/m

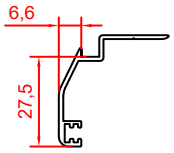


20098

یـــــل روکـوب

border prof

0.373 kg/m

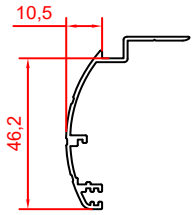


20096

پروفیـــــل روکـوب

border profile

0.274 kg/m

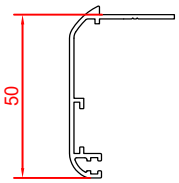


20095

پروفیـــــل روکـوب

border profile

0.379 kg/m

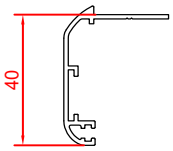


20092

پروفیـــــل روکـوب

border profile

0.398 kg/m

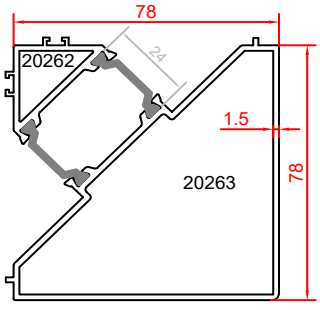


20093

یـــــل روکـوب

border prof

0.361 kg/m



20262-20263

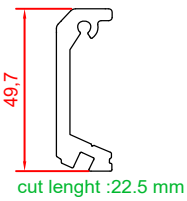
آداپتـــور کنـــج 90 درجه

90 corner adapter

2.259 kg/m

$Jx=58.7\ cm^4$

$Jy=51.8\ cm^4$



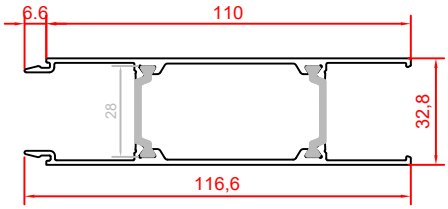
cut lenght :22.5 mm

20192

کـــــانکتور نصـب سـپری

T joint

0.92 kg/m

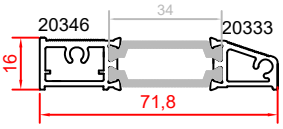


20370-20370

پروفیـــــل ورق دوجداره

thermal break facade

1.598 kg/m

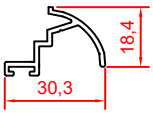


20333-20346

پروفیـــــل آســـتانه درب

threshold profile

0.971 kg/m



20176

آبچکـــان آســـتانه ی درب

Raindrop profile

0.278 kg/m

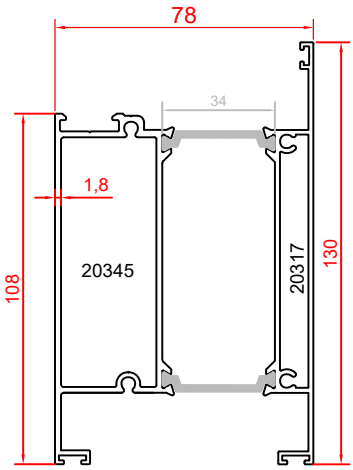


20147

پروفیـــــل آبچکـــان

raindrop profile

0.268 kg/m



20317-20345

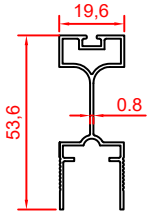
پروفیـــــل پـــــایین درب

bottom plate profile

2.937 kg/m

Jx=133 cm^4

Jy=90 cm^4

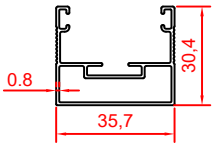


20193

لنگـــه بازشـــو تـــوری پلیســـه

fly screen sash pr

0.380 kg/m



20194

فـــریم تـــوری پلیســـه

flyscreen frame pr

0.360 kg/m

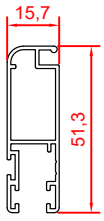


20150

پروفیـــــل تســـمه

Rod profile

0.182 kg/m



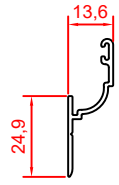
CJ119-13

20144

لنگـــه تـــوری کشـــویی

fly screen profile

0.501 kg/m



20146

ریـــل تـــوری کشـــویی

fly screen rail profile

0.231 kg/m

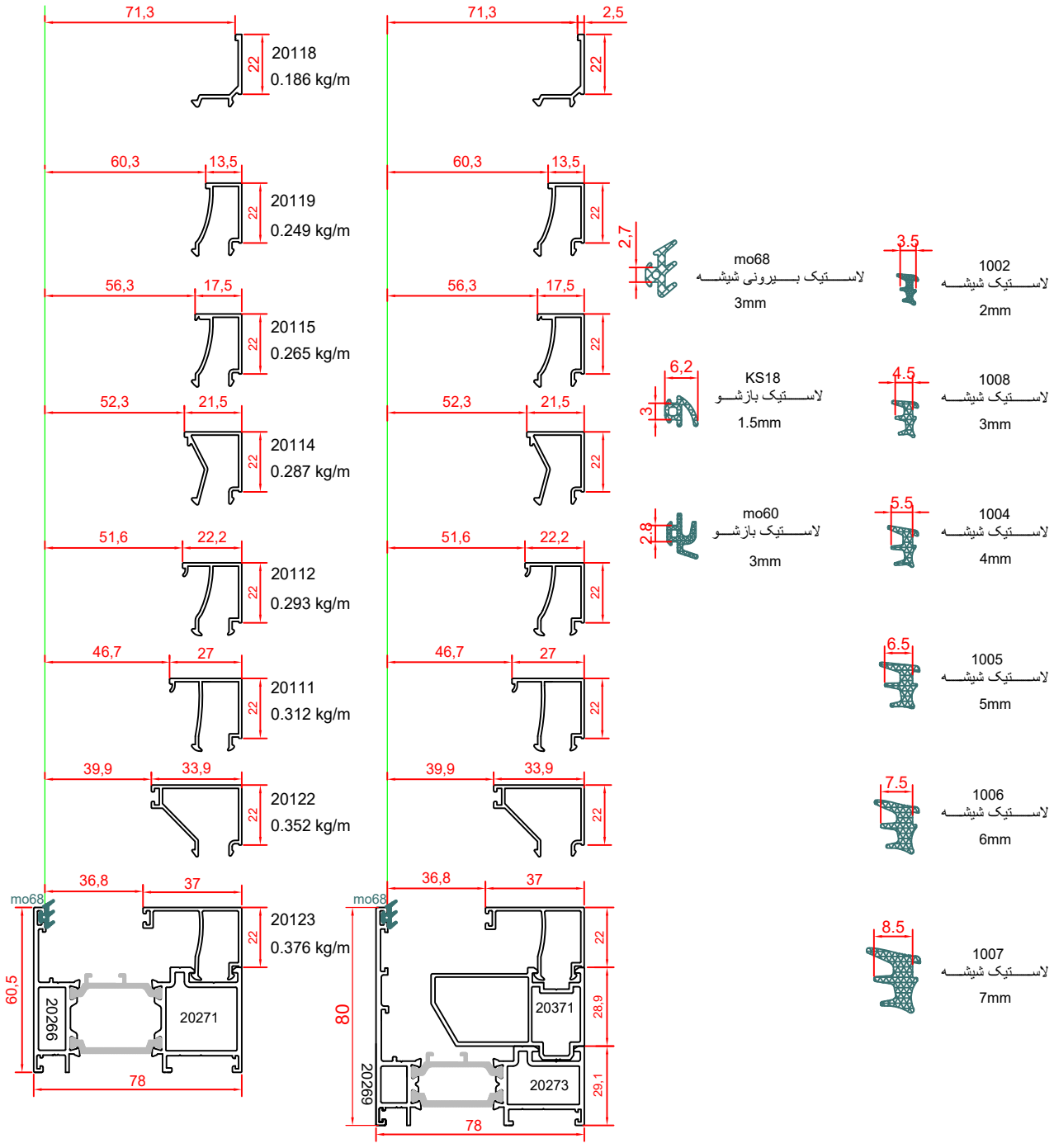


20141

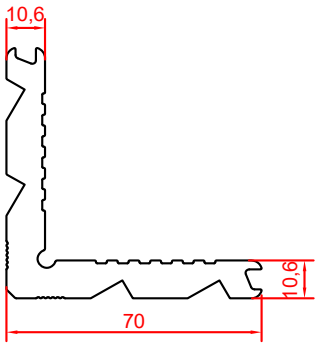
اداپتـــور چهار لنگـــه تـــوری

adjoing for fly screen

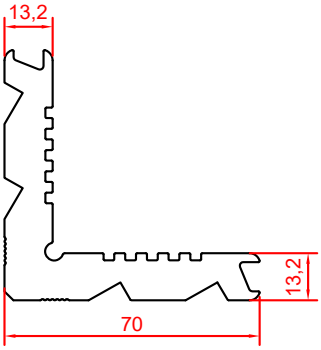
0.149 kg/m


71,3
22
20118
0.186 kg/m
60,3
13,5
20119
0.249 kg/m
56,3
17,5
20115
0.265 kg/m
52,3
21,5
20114
0.287 kg/m
51,6
22,2
20112
0.293 kg/m
46,7
27
20111
0.312 kg/m
39,9
33,9
20122
0.352 kg/m
36,8
37
mo68
20123
0.376 kg/m
60,5
20266
20271
78
2,5
2,7
mo68
لاستیک بیرونی شیشه
3mm
6,2
3
KS18
لاستیک بازشو
1.5mm
2,8
mo60
لاستیک بازشو
3mm
80
20371
28,9
20273
29,1
20269
3,5
1002
لاستیک شیشه
2mm
4,5
1008
لاستیک شیشه
3mm
5,5
1004
لاستیک شیشه
4mm
6,5
1005
لاستیک شیشه
5mm
7,5
1006
لاستیک شیشه
6mm
8,5
1007
لاستیک شیشه
7mm

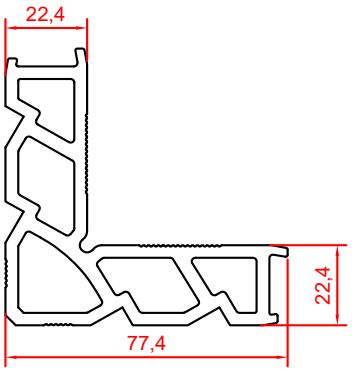
گونیـــا آلومنیومـــی پـــانچی



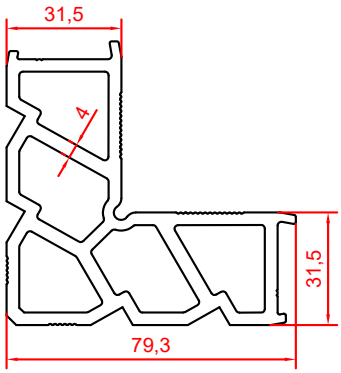
code : CJ 111
گونیـــا پـــانچی
corner cleat
weight 3.31 kg/m



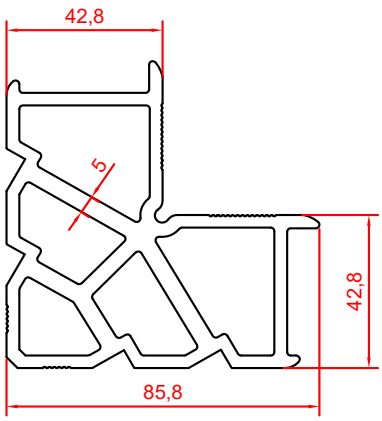
code : CJ 113
گونیـــا پـــانچی
corner cleat
weight 4.03kg/m



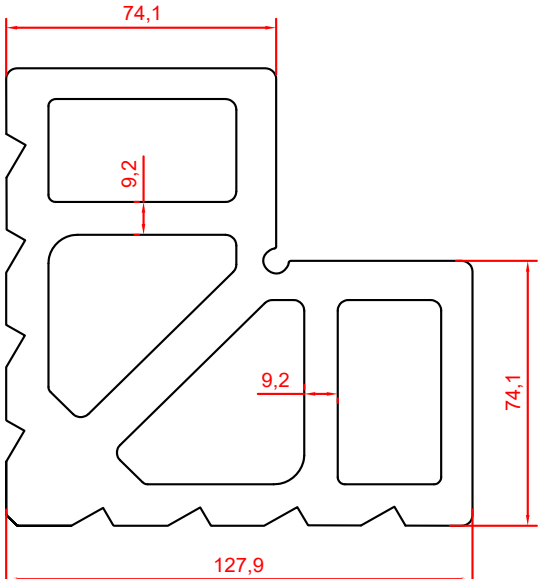
code : CJ 119
گونیـــا پـــانچی
corner cleat
weight 3.610 kg/m



code : CJ 118
گونیـــا پـــانچی
corner cleat
weight 4.021kg/m



code : CJ 116
گونیـــا پـــانچی
corner cleat
weight 4.641kg/m



code : CJ126
گونیـــا پـــانچی
corner cleat
19.626 kg/m

ACCESSORIES LIST



EPDM

code : 60175

لاستیک فریم در بازشو

gasket for open joint

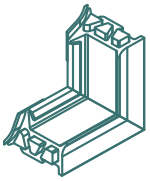


Galvanized

P100

گونیای نصب سپری

T joint fixing



EPDM

code : 197

لاستیک گوشه فریم

corner gasket for open joint



Steel

code :60051

گونیای دایکاستی سپری

T joint connection

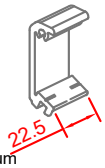


EPDM

code : 51927

لاستیک زهوار لنگه مخفی

gasket for hidden sash



Aluminium

20192

پروفیل کانکتور نصب سپری

T joint fixing

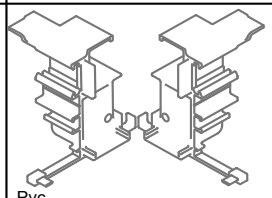


EPDM

code : ks18

لاستیک فریم در بازشو

gasket for opening



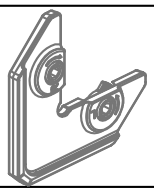
Pvc

code : 60154

درپوش آورهانگ

20361-20368

adapter cover

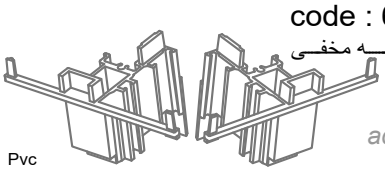


Steel

FUJI2000

گونیای دایکاستی

corner alignment



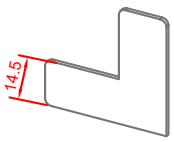
Pvc

code : 60265

درپوش اورهانگ لنگه مخفی

20367-20368

adapter cover

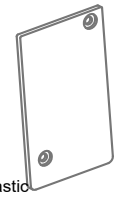


Galvanized

MM5

گونیا فلزی

corner alignment



Plastic

code :2590

درپوش ابتدا و انتها

سپری تقویت شده 20372

T profil adapter caps

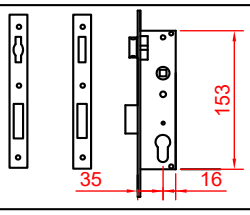


Galvanized

MO19

گونیا فلزی کوچک

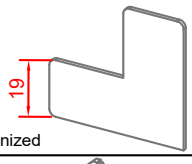
corner alignment



قفل زبانه دار یا غلتکی

لنگه ی بازشو

mourtise lock with cylinder or roller

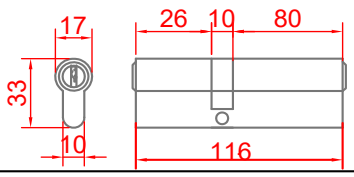


Galvanized

code : 511

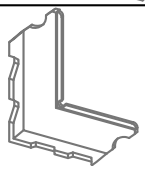
گونیا فلزی

corner alignment



116سیلندر

CYLINDER 116



Pvc

MO20

گونیای پلاستیکی لنگه

corner alignment

HT68

درب و پنجره لولایی ترمال بریک

پنجره لولایی لنگه مخفی

مشخصـــــات سیســـــتم

- اندازه‌ی عرض فریم : ٦٨ میلیمتر
- اندازه‌ی عرضه لنگه : ٧٥ میلیمتر
- اندازه پلی امید : ٢٤ میلیمتر
- ضخامت دیواره ی پروفیل : ١/٨ میلیمتر
- نمای ظاهر پروفیل : تخت و صاف از نمای بیرون و داخل
- دارای بیشترین آب‌بندی و هوابندی با استفاده از لاستیک های EPDM
- دارای زهوار و گونیا پانچی مشترک با سریهای دیگر و مونتاژ آسان
- دارای ممان اینرسی بالا برای نصب در ارتفاع با فشار باد زیاد
- امکان نصب بازشو تک حالته - دو حالته و لنگه مخفی- فولکس واگنی - کلنگی

102

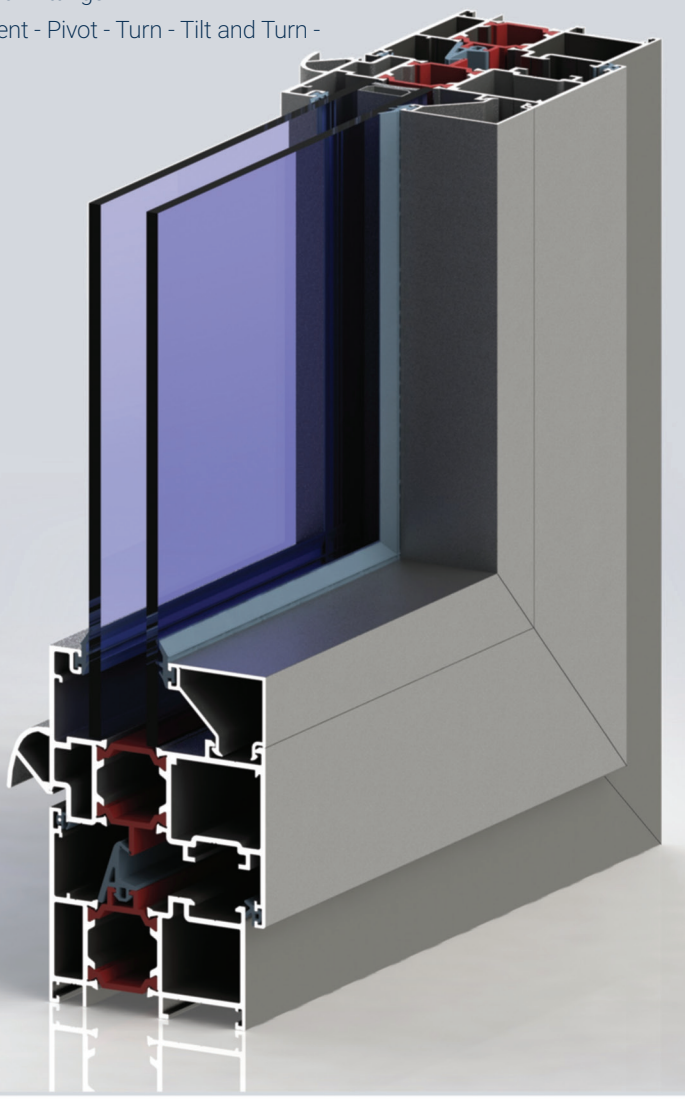
HT68

Thermal Break

Hinged Door & Window

Hidden Vent Window

- Product code : HT68
- Frame width : 68 mm
- Sash width : 75 mm
- Polyamide size : 24 mm
- Profile Wall thickness : 1.8 mm
- Thermal guidance with 30 mm glass: Uf: 2.80w/m2k
- Appearance: Flat and smooth from the outside and inside
- Type of corner fixture: Riveted
- Thickness of glass: 20 to 54 mm
- EPDM identification and sealing gaskets
- Possibility to install European fittings
- Type of opening: Hidden vent - Pivot - Turn - Tilt and Turn - Tilt and Slide



Test Certificate- سـرتیفیکیت HT 68ســـــــــــ

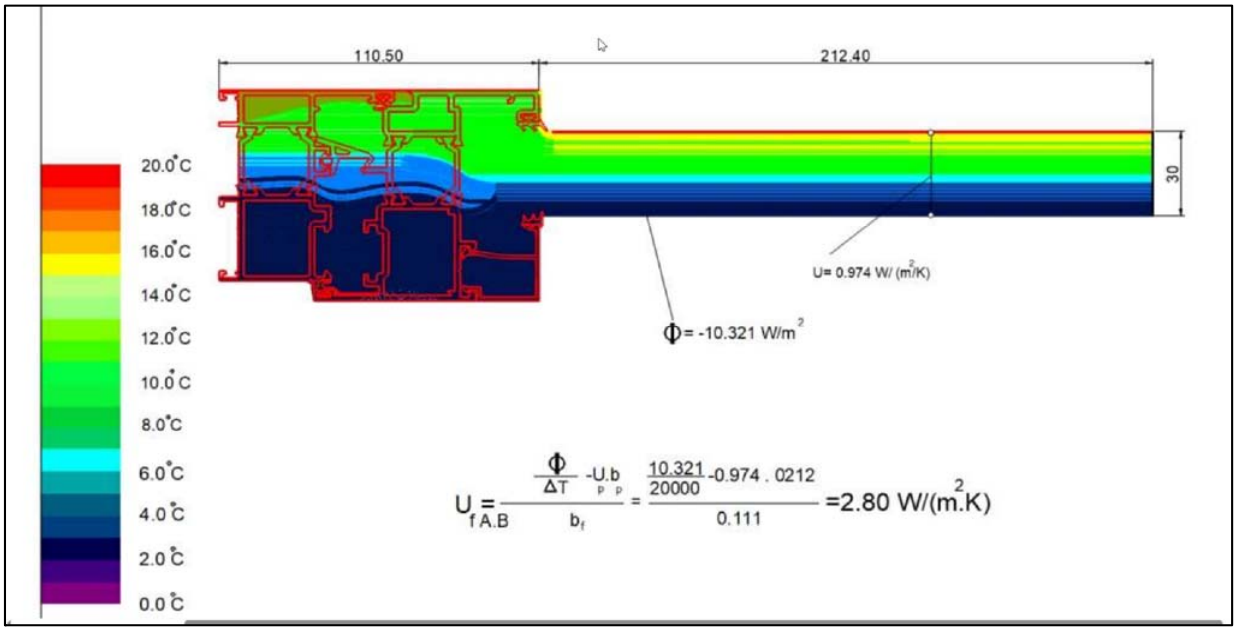
Norms Applied : TS EN 1026 , TS EN 1027 , TS4644 EN 12211

Results:

TS EN 12207 Air Permeability : Class4 (600Pa)

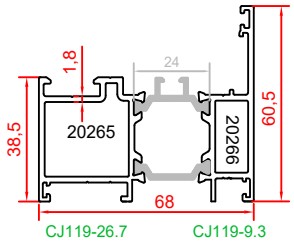
TS EN 12208 Watertightness : Class9A (600Pa)

TS EN 12210 Resistance to Winde Load : ClassC3 (1200Pa)



انـدازه ی Uf بـا تغیـــیر Ug شیشـــه تغیـــیر میکنـــد

Uf value can be cahnage according to the glass Ug value



20265-20266

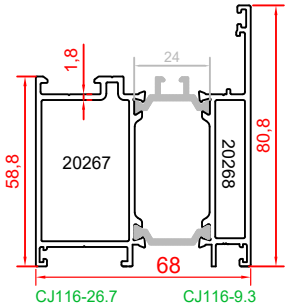
پروفیـــل فـــریم

frame profile

1.667 kg/m

Jx=31 cm^4

Jy=12 cm^4



20267-20268

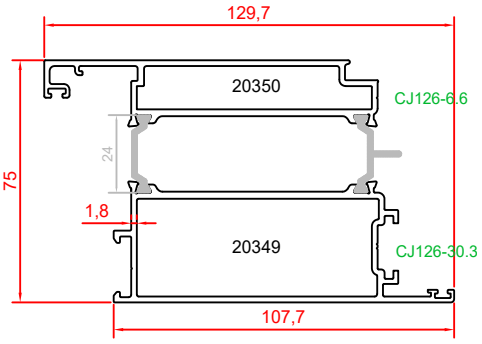
فـــریم بازشـــو فـــولکس واگـــنی

frame profile

2.075 kg/m

Jx=41 cm^4

Jy=34 cm^4

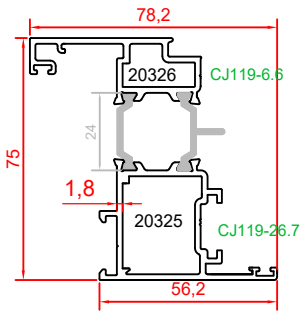


20349-20350

لنگـــه درب بلنـــد داخل بازشـــو

inward opening sash

3.093 kg/m



20325-20326

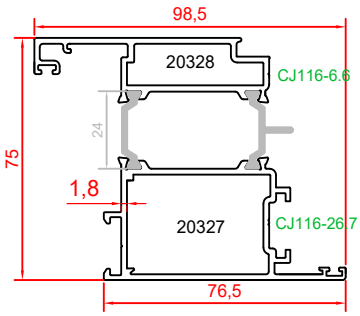
لنگـــه پنجـــره

sash profile

1.906 kg/m

Jx=46 cm^4

Jy=19 cm^4



20327-20328

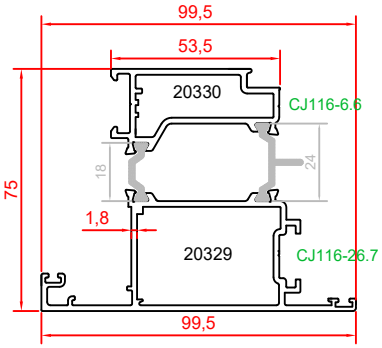
درب داخل بازشـــو

inward opening sash

2.333 kg/m

Jx=57 cm^4

Jy=47 cm^4



20329-20330

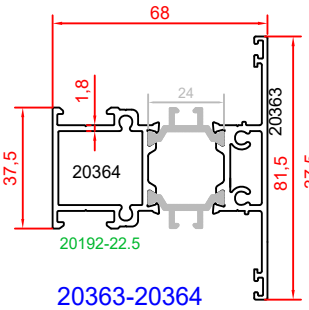
درب بـــیرون بازشـــو

outward openig sash

2.391 kg/m

Jx=56 cm^4

Jy=47 cm^4



20363-20364

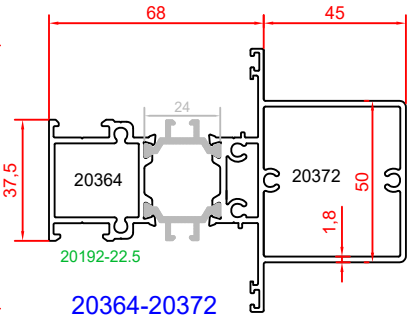
پروفیـــل ســـپری

T profile

1.939 kg/m

Jx=36 cm^4

Jy=18 cm^4



20364-20372

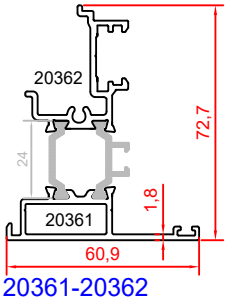
پروفیـــل ســـپری تقویـــت شده

Supported T profile

2.725 kg/m

Jx=107 cm^4

Jy=29 cm^4

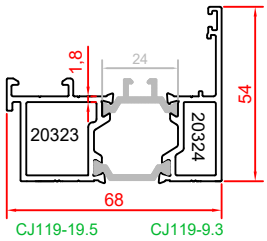


20361-20362

پروفیـــل آورهانگ

double sash adaptor

1.463 kg/m

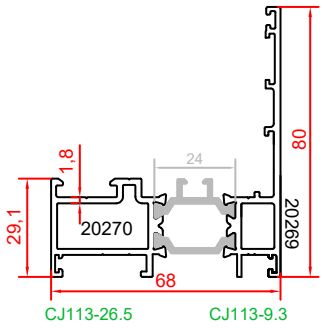


20323-20324

آداپتـــور درب بـــیرون بازشـــو

outward openig adapter

1.522 kg/m



20269-20270

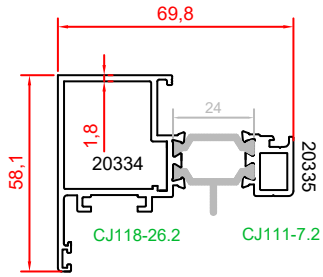
پروفیـــــل فـــریم

frame profile

1.669 kg/m

Jx=32 cm^4

Jy=20 cm^4



20334-20335

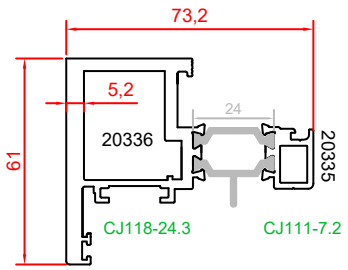
پروفیـــــل لنگـــه

sash profile

1.527 kg/m

Jx=23 cm^4

Jy=8 cm^4



20335-20336

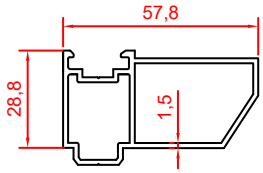
پروفیـــــل لنگـــه

sash profile

2.568 kg/m

Jx=39.2 cm^4

Jy=20.3 cm^4

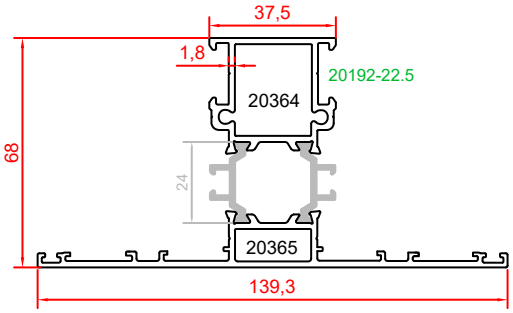


20371

پروفیـــــل آداپتـــور

adapter profile

0.771kg/m



20364-20365

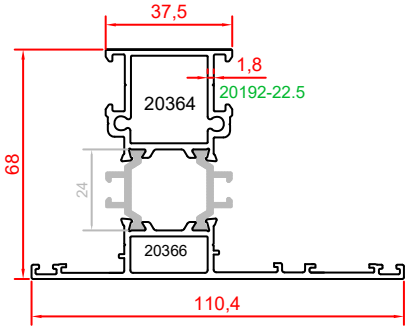
ســپری بلنـــد لنگـــه مخفـی

transom - mullion profile

2.232 kg/m

Jx=42 cm^4

Jy=57 cm^4



20364-20366

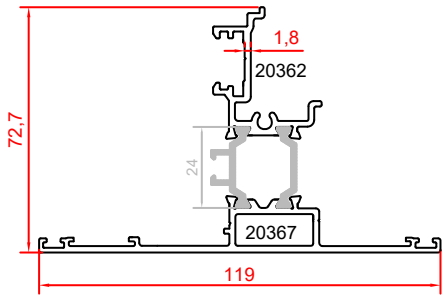
ســپری بلنـــد لنگـــه مخفـی

transom - mullion profile

2.037 kg/m

Jx=40 cm^4

Jy=37 cm^4



20362-20367

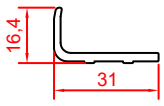
پروفیـــــل آورهانگ

double sash adaptor

1.802 kg/m

Jx=26 cm^4

Jy=26 cm^4



20178

پروفیـــــل آداپتـــور

adapter profile

0.283 kg/m

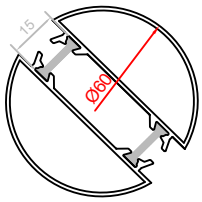


20124

زهوار لنگـــه مخفـی

galazing bid profile

0.165 kg/m



20274-20274

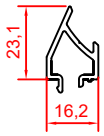
پروفیـــل لولـه گـردان

corner profile

1.284 kg/m

Jx=12.02 cm^4

Jy=12.02 cm^4



20179

پروفیـــل آدپتـــور کنـــج

corner adapter profile

0.266 kg/m

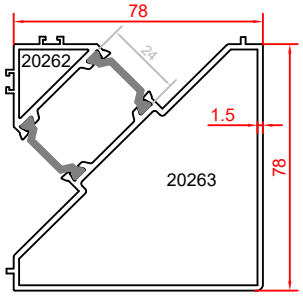


20180

پروفیـــل آدپتـــور کنـــج

corner adapter profile

0.249 kg/m



20262-20263

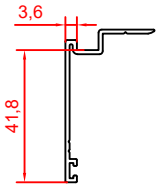
آداپتـــور کنـــج 90 درجه

90 corner adapter

2.259 kg/m

Jx=58.7 cm^4

Jy=51.8 cm^4

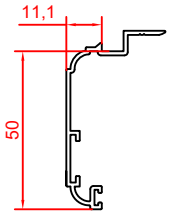


20091

پروفیـــل روکـوب

border profile

0.328 kg/m

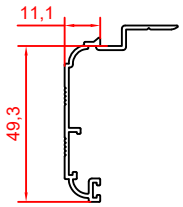


20097

پروفیـــل روکـوب

border profile

0.241 kg/m

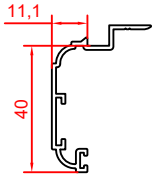


20094

پروفیـــل روکـوب شـیار دار

border profile

0.416 kg/m

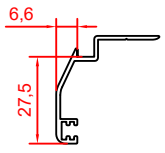


20098

پروفیـــل روکـوب

border profile

0.373 kg/m

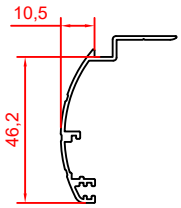


20096

پروفیـــل روکـوب

border profile

0.274 kg/m

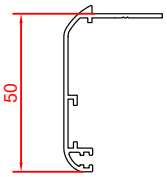


20095

پروفیـــل روکـوب

border profile

0.379 kg/m

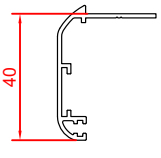


20092

پروفیـــل روکـوب

border profile

0.398 kg/m

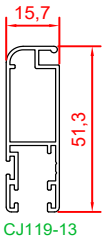


20093

پروفیـــل روکـوب

border profile

0.361 kg/m

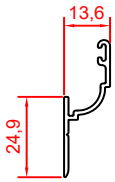


20144

لنگـــه تـــوری کشـــــویی

fly screen profile

0.501 kg/m



20146

ریـل تـــوری کشـــــویی

fly screen rail profile

0.231 kg/m



20141

وسط چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m

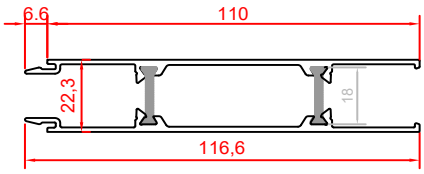


20147

پروفیـــــل آبچکـــان

raindrop profile

0.268 kg/m

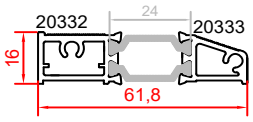


20360-20360

پروفیـــــل ورق دوجداره

thermal break facade

1.418 kg/m

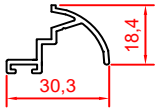


20332-20333

پروفیـــــل آســـتانه درب

threshold profile

1.910 kg/m



20176

آبچکـــان آســـتانه ی درب

Raindrop profile

0.278 kg/m

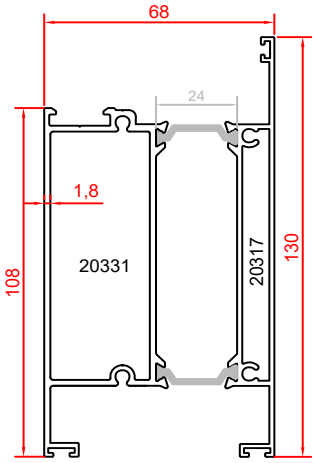


20150

پروفیـــــل تســـمه

Rod profile

0.182 kg/m



20317-20331

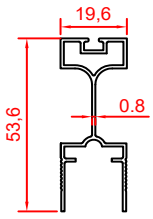
پروفیـــــل پـــــایین درب

bottom plate profile

2.880 kg/m

Jx=131 cm^4

Jy=65 cm^4

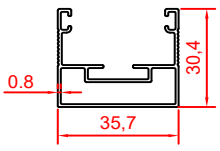


20193

لنگـــه بازشـــو تـــوری پلیســـــه

fly screen sash pr

0.380 kg/m

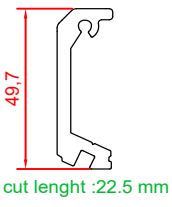


20194

فـــریم تـــوری پلیســـــه

flyscreen frame pr

0.360 kg/m

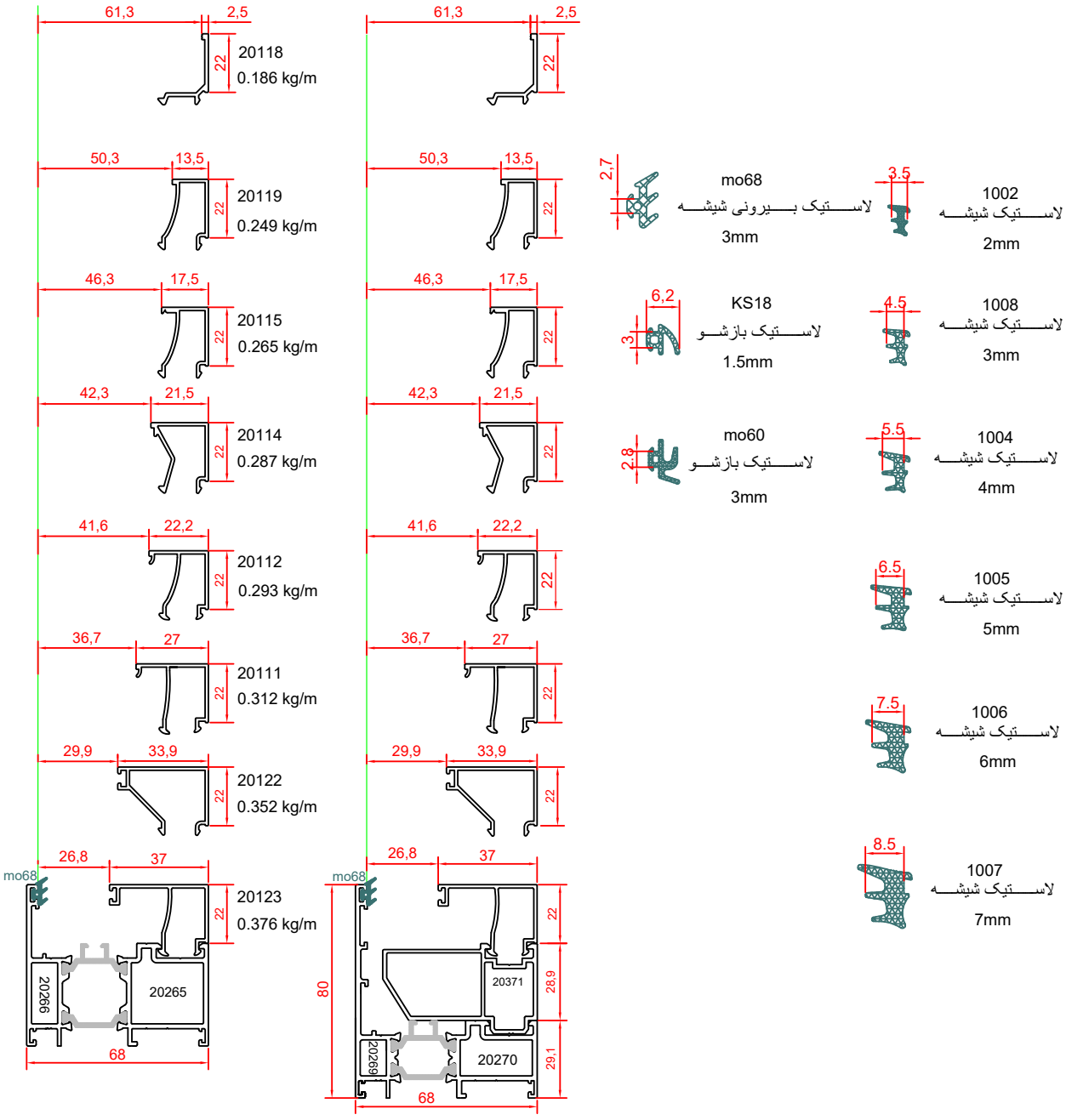


20192

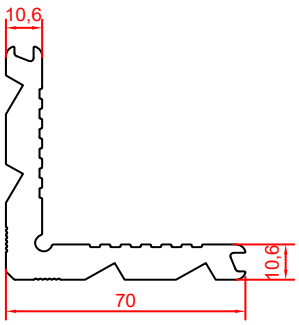
کـــــانکتور ســـپری

T joint

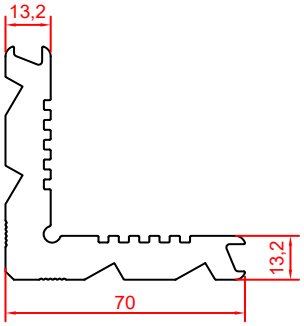
0.92 kg/m


61,3
2,5
22
20118
0.186 kg/m
50,3
13,5
20119
0.249 kg/m
46,3
17,5
20115
0.265 kg/m
42,3
21,5
20114
0.287 kg/m
41,6
22,2
20112
0.293 kg/m
36,7
27
20111
0.312 kg/m
29,9
33,9
20122
0.352 kg/m
26,8
37
mo68
20123
0.376 kg/m
20266
20265
68
80
20371
28,9
20269
20270
29,1
2,7
mo68
لاستیک بیرونی شیشه
3mm
6,2
3
KS18
لاستیک بازشو
1.5mm
2,8
mo60
لاستیک بازشو
3mm
3,5
1002
لاستیک شیشه
2mm
4,5
1008
لاستیک شیشه
3mm
5,5
1004
لاستیک شیشه
4mm
6,5
1005
لاستیک شیشه
5mm
7,5
1006
لاستیک شیشه
6mm
8,5
1007
لاستیک شیشه
7mm

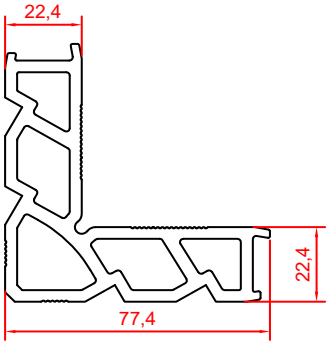
گونیـــا آلومنیومـــی پـــانچی



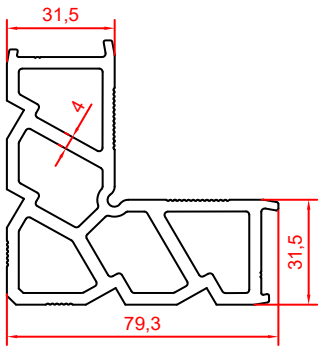
code : CJ 111
گونیـــا پـــانچی
corner cleat
weight 3.31 kg/m



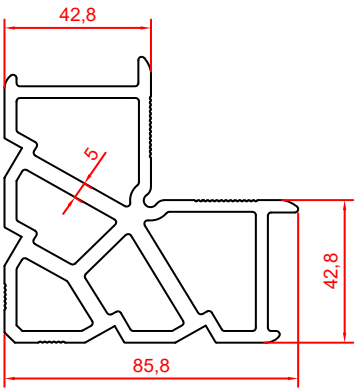
code : CJ 113
گونیـــا پـــانچی
corner cleat
weight 4.03kg/m



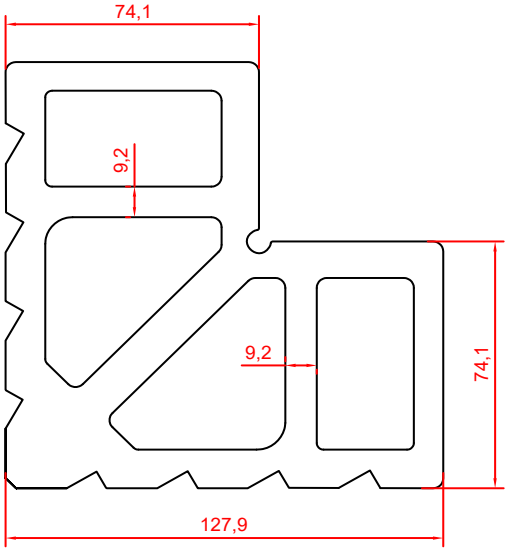
code : CJ 119
گونیـــا پـــانچی
corner cleat
weight 3.610 kg/m



code : CJ 118
گونیـــا پـــانچی
corner cleat
weight 4.021kg/m

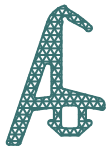
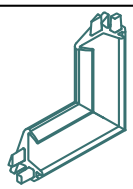
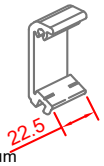
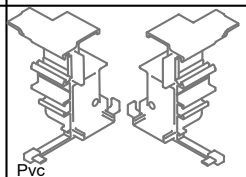
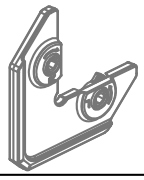
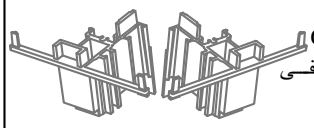
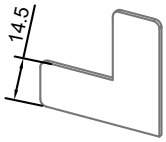
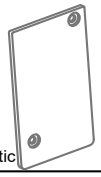
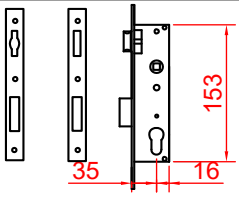
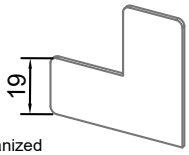
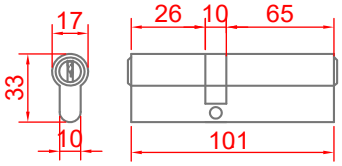
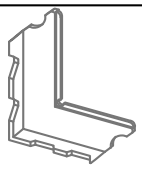


code : CJ 116
گونیـــا پـــانچی
corner cleat
weight 4.641kg/m



code : CJ126
گونیـــا پـــانچی
corner cleat
19.626 kg/m

ACCESSORIES LIST

 EPDM code : 53016 لاستیک فریم در بازشو *gasket for open joint*	 Galvanized P100 گونیای نصب سپری *T joint fixing*
 EPDM code : 196 لاستیک گوشه فریم *corner gasket for open joint*	 Steel code :60051 گونیای دایکاستی سپری *T joint connection*
 EPDM code : 51927 لاستیک زهوار لنگه مخفی *gasket for hidden sash*	 Aluminium 20192 پروفیل کانکتور نصب سپری *T joint fixing*
 EPDM code : KS18 لاستیک فریم در بازشو *gasket for opening*	 Pvc code : 60154 درپوش آورهانگ 20361-20362 *adapter cover*
 Steel FUJI2000 گونیای دایکاستی *corner alignment*	 Pvc code : 60155 درپوش اورهانگ لنگه مخفی 20362-20367 *adapter cover*
 Galvanized MM5 گونیا فلزی *corner alignment*	 Plastic code :2590 درپوش ابتدا و انتها سپری تقویت شده 20372 *T profil adapter caps*
 Galvanized M019 گونیا فلزی کوچک *corner alignment*	 قفل زبانه دار یا غلتکی لنگه ی بازشو *mourtise lock with* *cylinder or roller*
 Galvanized code : 511 گونیا فلزی *corner alignment*	 101سیلندر *CYLINDER 101*
 Pvc MO20 گونیا پلاستیکی لنگه *corner alignment*	

HT60

درب و پنجره لولایی ترمال بریک

مشخصـــات سیســـــتم

- اندازه‌ی عرض فریم : ۵۹/۵ میلیمتر
- اندازه‌ی عرضه لنگه : ٦٥ میلیمتر
- اندازه پلی امید : ٢٤ میلیمتر
- ضخامت دیواره‌ی پروفیل : ۱/۳ _ ۱/۷ میلیمتر
- دارای فریم و بازشو در دو نوع ضخامت دیواره‌ی : ۱/۳ _ ۱/۷ میلیمتر
- امکان نصب اسپانیولت یو پی وی سی و قفل ازچند نقطه
- امکان نصب بازشو تک حالته - دو حالته و فولکس واگنی - محوری - کلنگی
- دارای بیشترین آب بندی و هوابندی با استفاده از لاستیک های EPDM
- دارای زهوار و گونیا پانچی مشترک با سریهای دیگر و مونتاژ آسان

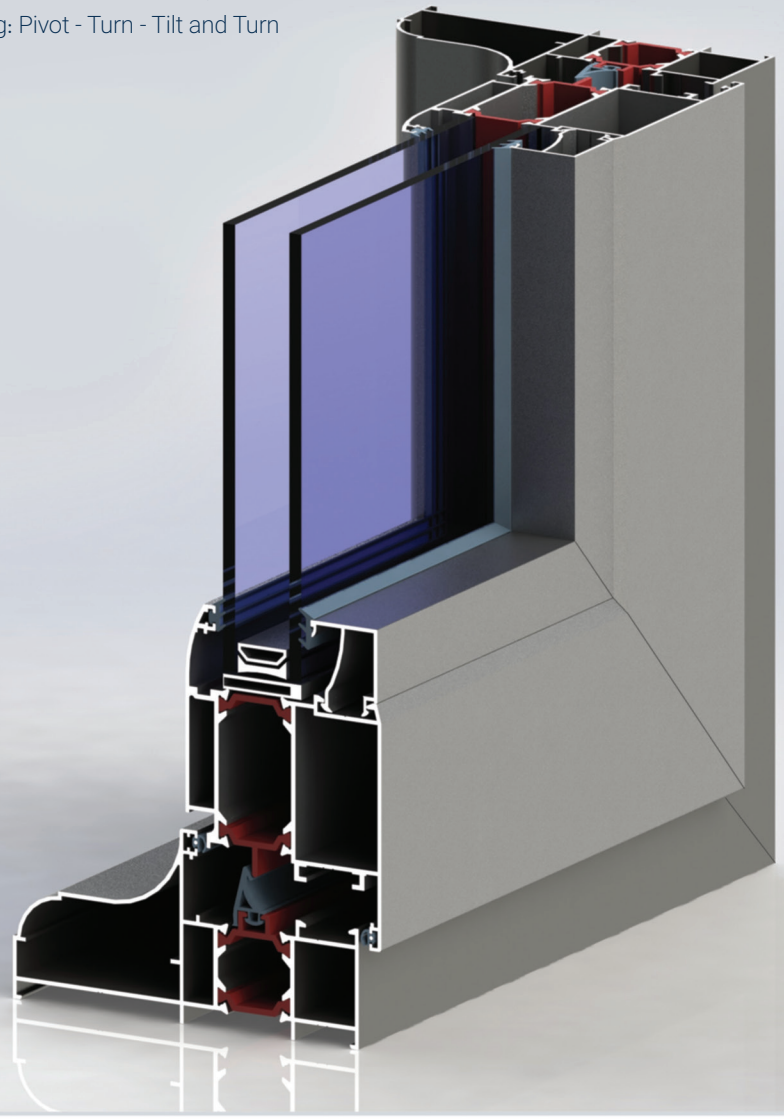
103

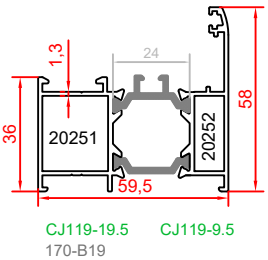
HT60

Thermal Break

Hinged Door & Window

- Product code : HT60
- Frame width : 59.5 mm
- Sash width : 65 mm
- Polyamide size : 24 mm
- Profile Wall thickness : 1.3 ▯ 1.7 mm
- Thermal conductivity: Uf: 2.64w/m2k
- Appearance: Curved and arched from the outside and inside
- Type of corner fixture: Riveted
- Thickness of glass: 8 to 44 mm
- EPDM identification and sealing gaskets
- Possibility to install European fittings
- Ability to install UPVC - French fittings
- Type of opening: Pivot - Turn - Tilt and Turn
- - Tilt and Slide





20251-20252

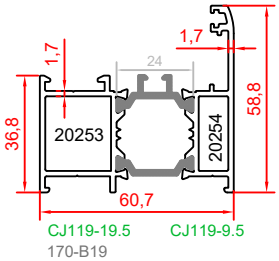
پروفیـــل فـــریم

frame profile

1.289 kg/m

Jx=18.12 cm^4

Jy=8.14 cm^4

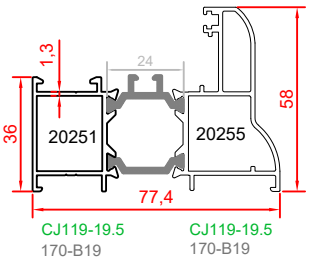


20253-20254

پروفیـــل فـــریم

frame profile

1.485 kg/m



20251-20255

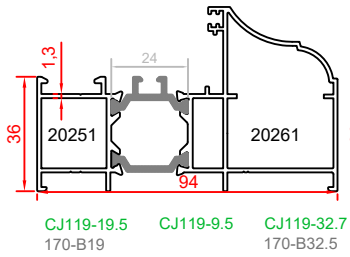
پروفیـــل فـــریم

frame profile

1.531 kg/m

Jx=29.7 cm^4

Jy=11.6 cm^4

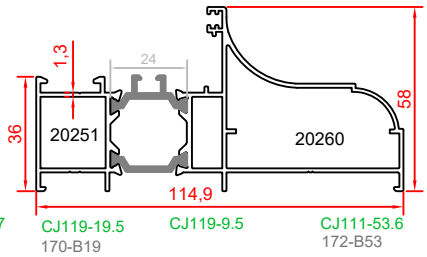


20251-20261

پروفیـــل فـــریم

frame profile

1.750 kg/m

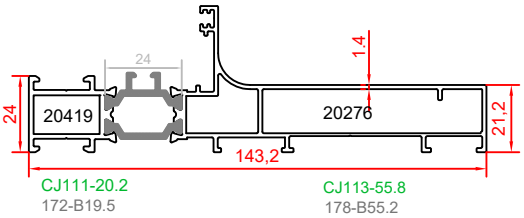


20251-20260

پروفیـــل فـــریم

frame profile

1.792 kg/m



20276-20419

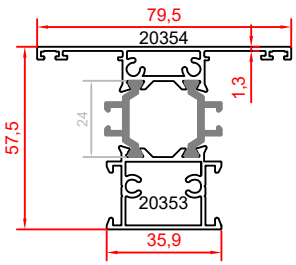
پروفیـــل فـــریم

frame profile

1.480 kg/m

Jx=136.5 cm^4

Jy=7.91 cm^4



20353-20354

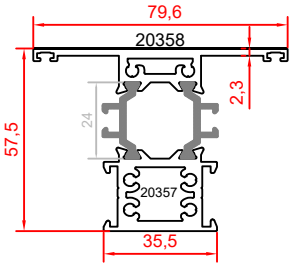
پروفیـــل ســـپری

T profile

1.500 kg/m

Jx=20.6 cm^4

Jy=13.02 cm^4



20357-20358

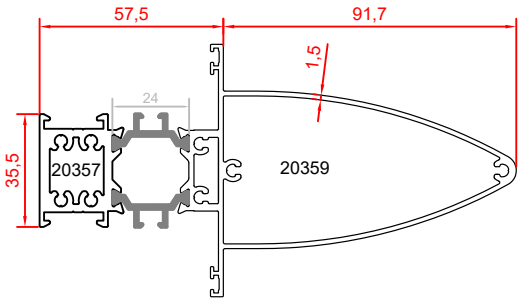
پروفیـــل ســـپری تقویـــت شـده

Supported T profile

2.193 kg/m

Jx=41.6 cm^4

Jy=21.02 cm^4



20357-20359

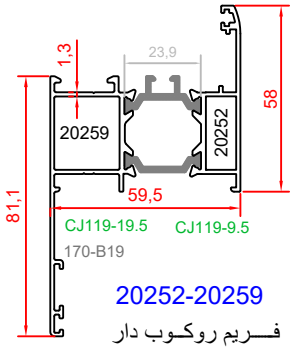
پروفیـــل ســـپری تقویـــت شـده

Supported T profile

2.849 kg/m

Jx=169.8 cm^4

Jy=26.1 cm^4



20252-20259

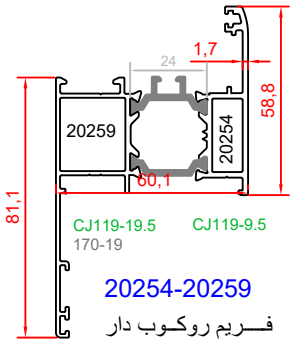
فـــریم روکـوب دار

frame profile

1.479 kg/m

Jx=50.12 cm^4

Jy=14.6 cm^4



20254-20259

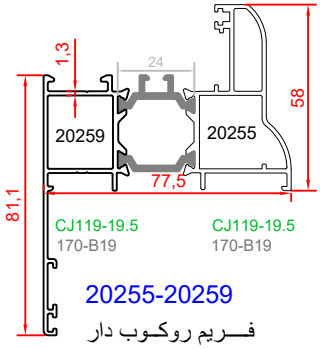
فـــریم روکـوب دار

frame profile

1.670 kg/m

Jx=51.42 cm^4

Jy=14.6 cm^4



20255-20259

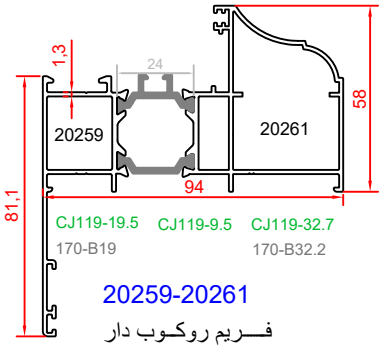
فـــریم روکـوب دار

frame profile

1.739 kg/m

Jx=29.7 cm^4

Jy=11.6 cm^4

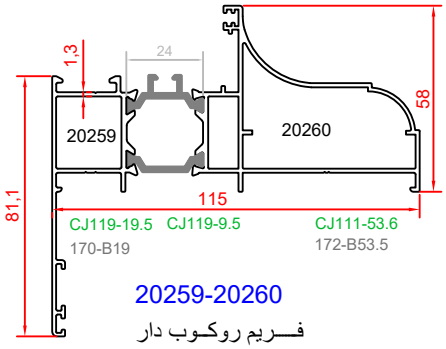


20259-20261

فـــریم روکـوب دار

frame profile

2.105 kg/m

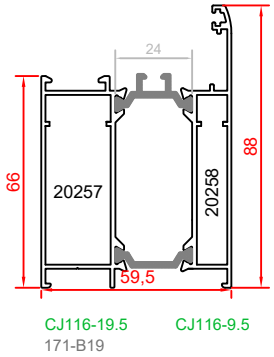


20259-20260

فـــریم روکـوب دار

frame profile

2.186 kg/m



20257-20258

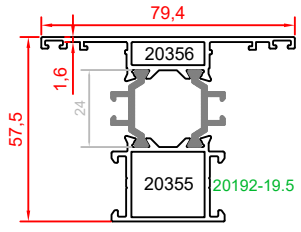
فـــریم روکـوب دار

frame profile

1.781 kg/m

Jx=31.6 cm^4

Jy=28.02 cm^4



20355-20356

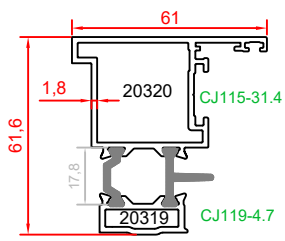
پروفیـــــل ســـپری و لنگـــه محوری

pivoting dash profile

1.451 kg/m

Jx=18.8 cm^4

Jy=12.9 cm^4



20319-20320

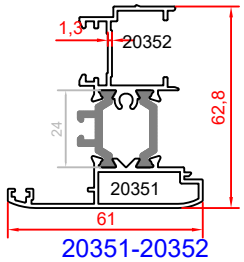
پروفیـــــل آداپتـــور بازشـــو محوری

pivoting adapter

1.549 kg/m

Jx=19.51 cm^4

Jy=11.23 cm^4



20351-20352

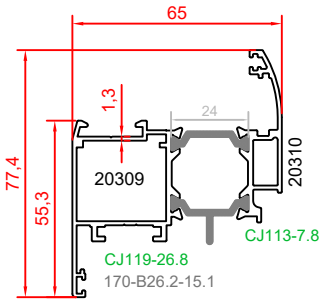
پروفیـــــل آورهانگ

double sash adaptor

1.461 kg/m

Jx=6.8 cm^4

Jy=16.7 cm^4



20309-20310

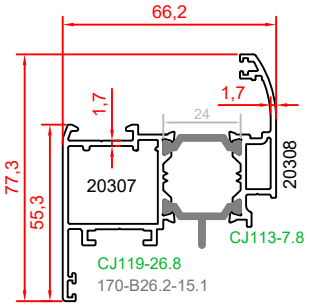
لنگـــه پنجـــره1.3mm

1.3mm sash profile

1.500 kg/m

Jx=24.02 cm^4

Jy=11.2 cm^4

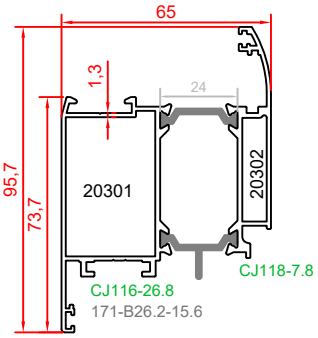


20307-20308

لنگـــه پنجـــره1.7mm

1.7mm sash profile

1.684 kg/m



20301-20302

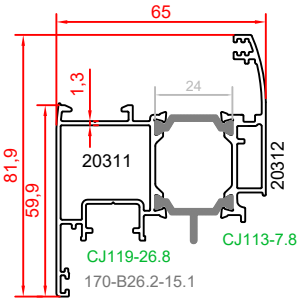
لنگـــه درب داخل بازشـــو1.3mm

1.3mm inward openig sash

1.796 kg/m

Jx=30.97 cm^4

Jy=27.6 cm^4

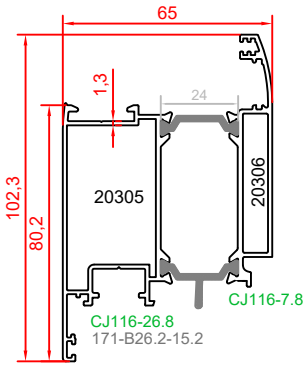


20311-20312

لنگـــه پنجـــره یـراق یـو پـی وی سـی

sash profile - multi point

1.596 kg/m



20305-20306

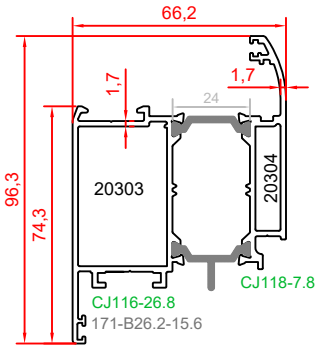
درب داخل بازشـــو یـراق یـو پـی وی سـی

sash profile - multi point

1.899 kg/m

Jx=41.5 cm^4

Jy=35.04 cm^4

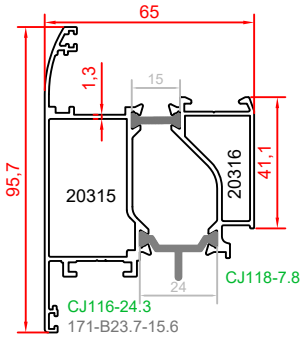


20303-20304

لنگـــه درب داخل بازشـــو1.7mm

1.7mm inward openig sash

2.048 kg/m



20315-20316

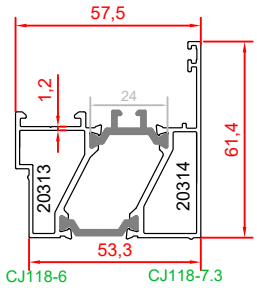
درب بـــیرون بازشـــو

outward openig door sash

1.855 kg/m

Jx=30.4 cm^4

Jy=29.9 cm^4



20313-20314

آداپتـــور درب بـــیرون بازشـــو

outward openig sash adapter

1.375 kg/m

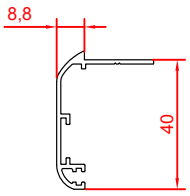


20147

پروفیـــــل آبچکـــان

Raindrop profile

0.268 kg/m

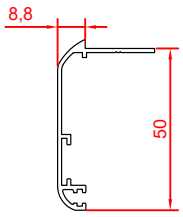


20093

پروفیـــل رکـوب40

border profile

0.361 kg/m

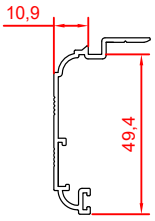


20092

پروفیـــل رکـوب 50

border profile

0.398 kg/m

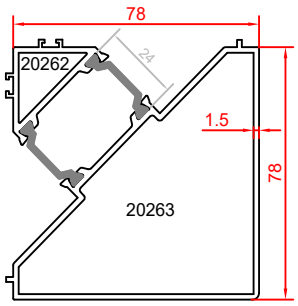


20100

پروفیـــل رکـوب شـیار دار 50

border profile

0.422 kg/m



20262-20263

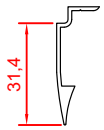
77.4mm اداپتـــور کنـــج فـــریم

corner adapter for frame

2.200 kg/m

Jx=58.7 cm^4

Jy=51.8 cm^4

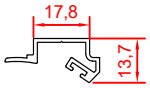


20172

اداپتـــور کنـــج لولـــه گـــردان

corner adapter

0.383 kg/m

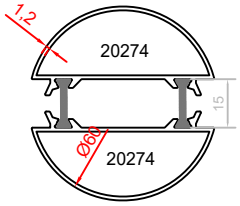


20173

آداپتـــور کنـــج لولـــه گـــردان

corner adapter

0.230 kg/m

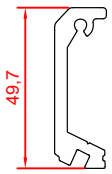


20274-20274

59.5mm لولـــه گـــردان فـــریم

corner adapter for frame

1.787 kg/m

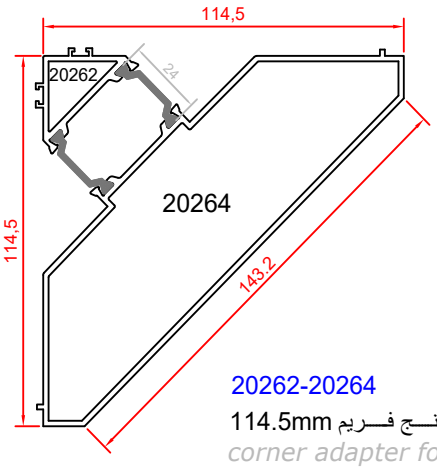


20192

کـــــانکتور نصـــب ســـپری

T joint

0.92 kg/m

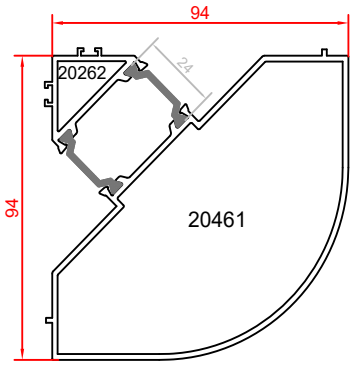


20262-20264

114.5mm آداپتـــور کنـــج فـــریم

corner adapter for frame

2.700 kg/m

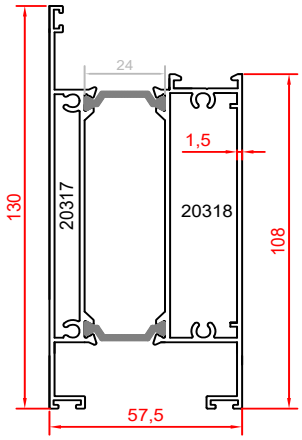


20262-20461

94mm آداپتـــور کنـــج فـــریم

corner adapter for frame

2.401 kg/m



20317-20318

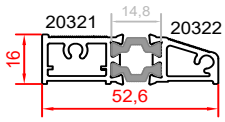
پروفیـــل پـــایین درب

bottom plate profile

2.608 kg/m

Jx=101.8 cm^4

Jy=37.4 cm^4

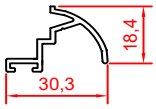


20321-20322

پروفیـــل آســـتانه درب

threshold profile

0.615 kg/m

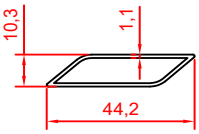


20176

آبچکـــان آســـتانه ی درب

Raindrop profile

0.278 kg/m

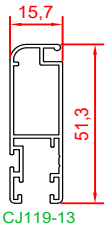


20177

پروفیـــل منفـــذ و گریـــل

Gril profile

0.288 kg/m



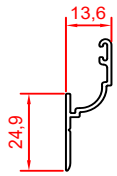
CJ119-13

20144

لنگـــه تـــوری کشـــویی

fly screen profile

0.502 kg/m

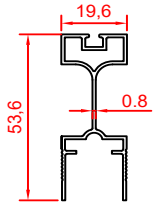


20146

ریـــل تـــوری کشـــویی

fly screen rail profile

0.231 kg/m

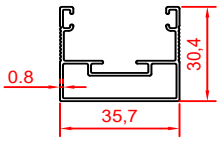


20193

لنگـــه بازشـــو تـــوری پلیســـه

fly screen sash pr

0.380 kg/m

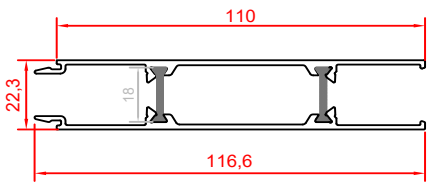


20194

فـــریم تـــوری پلیســـه

flyscreen frame pr

0.360 kg/m

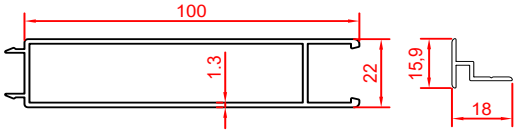


20360-20360

ورق دو جداره ی ترمـال بریـــک

Thermal break facade

1.409 kg/m



20175

پروفیـــل ورق دو جداره

facade profile

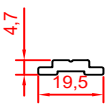
1.078 kg/m

20174

مـــابین دو فـــریم

between two frame

0.126 kg/m

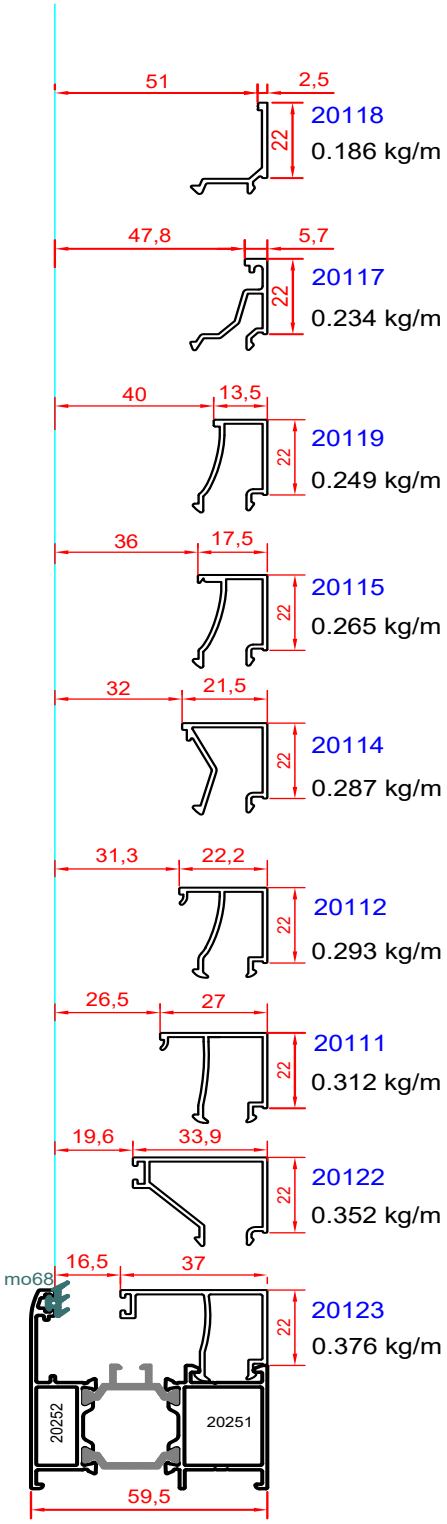


20150

پروفیـــل تســـمه

Rod profile

0.182 kg/m



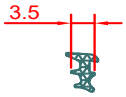
HT60- اندازه ی شیشه و زهوار ها



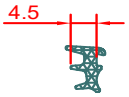
mo68
لاستیک بیرونی شیشه
3mm



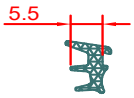
mo60
لاستیک بازشو
3mm



1002
لاستیک شیشه
2mm



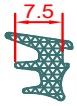
1008
لاستیک شیشه
3mm



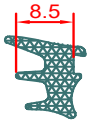
1004
لاستیک شیشه
4mm



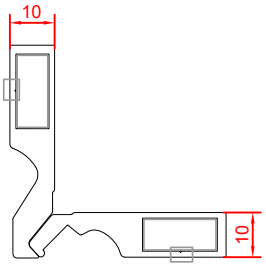
1005
لاستیک شیشه
5mm



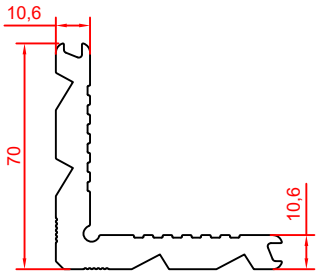
1006
لاستیک شیشه
6mm



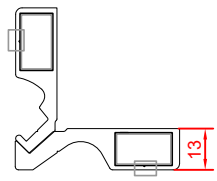
1007
لاستیک شیشه
7mm



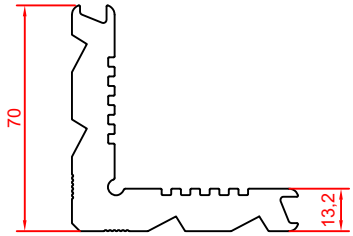
code : 172
PC B10
قابـــل تولیـــد در انـدازه‌های مختلـف



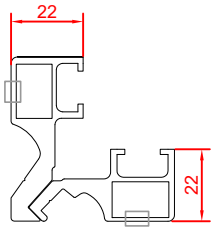
code :CJ 111
گونیـــا پـــانچی
corner cleat
weight 3.31 kg/m



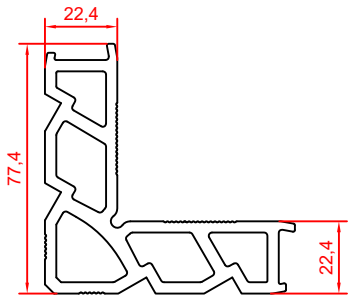
code : 178
PC B13
قابـــل تولیـــد در انـدازه‌های مختلـف



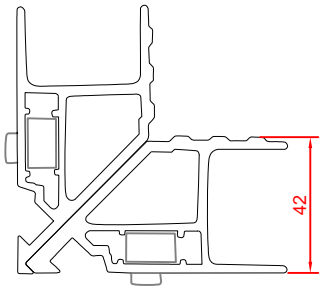
code :CJ 113
گونیـــا پـــانچی
corner cleat
weight 4.03kg/m



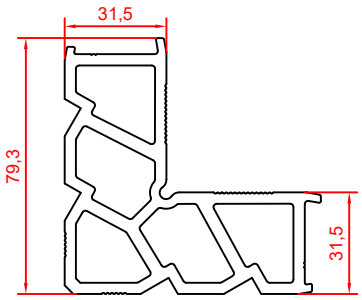
code : 170
PC B22
قابـــل تولیـــد در انـدازه‌های مختلـف



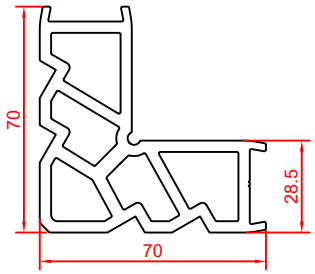
code : CJ 119
گونیـــا پـــانچی
corner cleat
weight 3.610 kg/m



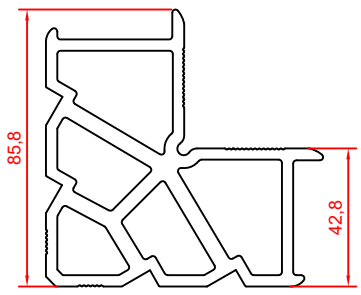
code : 171
PC B42
قابـــل تولیـــد در انـدازه‌های مختلـف



code : CJ 118
گونیـــا پـــانچی
corner cleat
weight 4.021 kg/m

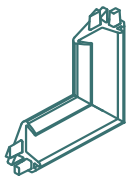
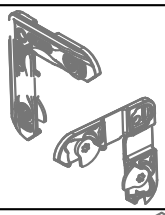
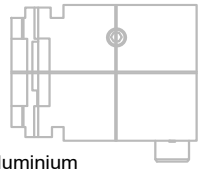
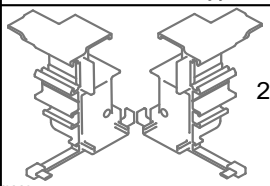
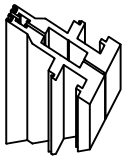
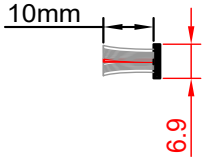
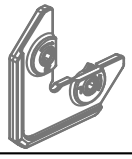
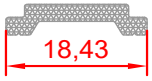
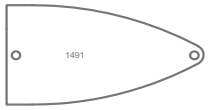
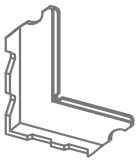
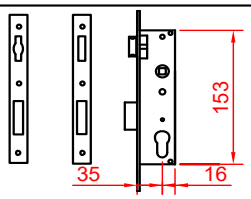
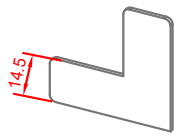
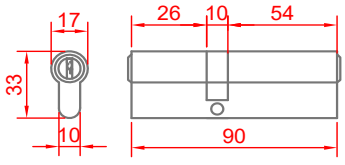
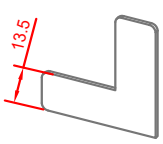
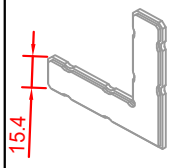


code : CJ 115
گونیـــا پـــانچی
corner cleat
weight 3.659 kg/m



code : CJ 116
گونیـــا پـــانچی
corner cleat
weight 4.641 kg/m

لیســـت یـراق الات

 EPDM code : 53016 لاســـتیک فـــریم در بازشـــو *gasket for open joint*	 galvanized P100 گونیـــا فلـــزی P100 *T joint fixing*
 EPDM code :196 لاســـتیک گوشـــه فـــریم *corner gasket for open joint*	 steel code :60051 گونیـــای دایکاســـتی ســـپری *T joint connection*
 aluminium لـــولا محوری دایـــره ای قابـــل تنظیـــم *pivoting hinge*	 pvc code : 53062 درپـــوش آورهانگ 20351-20352 *adapter cover*
 aluminium لـــولا محوری هم ســـطح *pivoting hinge*	 code :620-69-110 مویـــی پـــایین درب *brush No 10for sliding sash*
 steel FUJI2000 گونیـــای دایکاســـتی *corner alignment*	 poliamid تســـمه ی پلـــی امیـــد *rod poliamid*
 steel FUJI 2013 گونیـــا دایکاســـتی لنگـــه محوری *corner alignment*	 pvc code :1491 درپـــوش انتهـــای ســـپری دوکـــی 20359 *T profil adapter caps*
 pvc MO20 گونیـــای پلاســـتیکی لنگـــه *Sash corner alignment*	 قفـــل زبانـــه دار یـــا غلتکـــی لنگـــه ی بازشـــو *mourtise lock with cylinder or roller*
 galvanized MM5 گونیـــا فلـــزی روکـــوب *Border corner alignment*	 ســـیلندر 90 mm *CYLINDER 90*
 galvanized MM77 گونیـــا فلـــزی آداپتـــور محوری *Pivoting adapter alignment*	 POLYAMID code :60030 گونیـــا پلاســـتیکی درب یـــو پـــی وی ســـی *sash alignment corner*

HT60FLAT

درب و پنجره لولایی ترمال بریک تخت

مشخصـــات سیســـــتم

- اندازه‌ی عرض فریم: ٦٠/٤میلیمتر
- اندازه‌ی عرض لنگه : ٦٧/٤میلیمتر
- اندازه‌ی پلی امید : ٢٤میلیمتر
- ضخامت دیواره‌ی پروفیل : ١/٣ _ ١/٧میلیمتر
- امکان نصب اسپانیولت یو پی وی سی و قفل از چند نقطه
- امکان نصب بازشو تک حالته - دو حالته و فولکس واگنی محوری-کلنگ
- دارای بیش ترین آببندی و هوابندی با استفاده از لاستیک های EPDM
- دارای زهوار و گونـا پـــانچی مشترک با سریهای دیگـــر و مونتاژ آسان

104

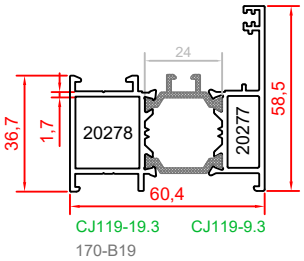
HT60FLAT

Flat Thermal Break

Hinged Door & Window

- Product code : HT60F
- Frame width : 60.4 mm
- Sash width : 67.4 mm
- Polyamide size : 24 mm
- Profile Wall thickness : 1.3 - 1.7 mm
- Thermal conductivity: Uf: 2.64w/m2k
- Appearance: Curved and arched from the outside and inside
- Type of corner fixture: Riveted
- Thickness of glass: 8 to 44 mm
- EPDM identification and sealing gaskets
- Possibility to install European fittings
- Ability to install UPVC - French fittings
- Type of opening: Pivot - Turn - Tilt and Turn - Tilt and Slide





20277-20278

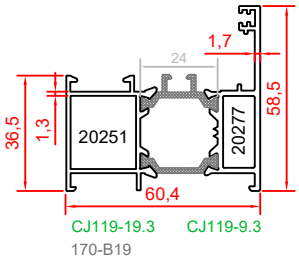
پروفیـــــل فـــریم

frame profile

1.480 kg/m

Jx=11.78 cm^4

Jy=23.25 cm^4



20251-20277

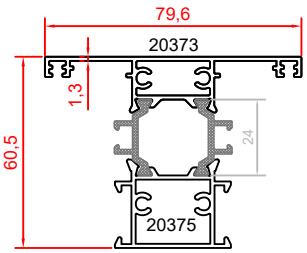
پروفیـــــل فـــریم

frame profile

1.360 kg/m

Jx=10.81 cm^4

Jy=20.10 cm^4



20373-20375

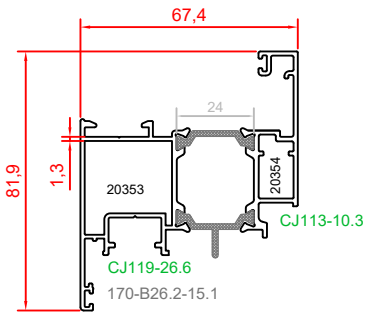
پروفیـــــل ســـپری

T profile

1.520 kg/m

Jx=23.72 cm^4

Jy=16.59 cm^4



20353-20354

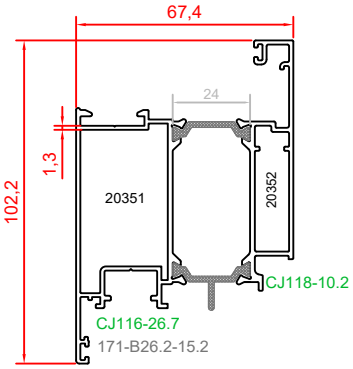
لنگـــه پنجـــره

sash profile - multi point

1.600 kg/m

Jx=31.14 cm^4

Jy=19.96 cm^4



20351-20352

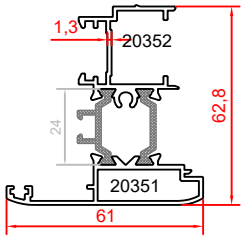
لنگـــه درب داخل بازشـــو

sash profile - multi point

1.930 kg/m

Jx=46.17 cm^4

Jy=38.24 cm^4



20351-20352

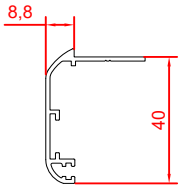
پروفیـــــل آورهانگ

double sash adaptor

1.461 kg/m

Jx=24.02 cm^4

Jy=11.2 cm^4

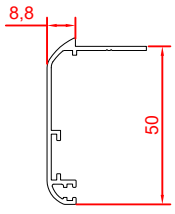


20093

پروفیـــــل رکـوب 40

border profile

0.361 kg/m

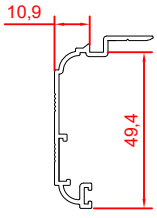


20092

پروفیـــــل رکـوب 50

border profile

0.398 kg/m



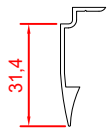
20100

وفیـــــل رکـوب شـیار دار 50

border profile

0.422 kg/m

* بازشـــو های سیســـــتم HT60 بـــا ایـن سیســـــتم نـــیز امکـان مونتـــاژ دارد

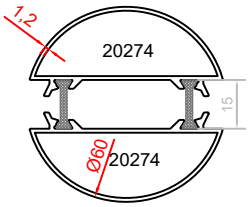


20172

اداپتـــور کنـــج لولـــه گـــردان

corner adapter

0.383 kg/m

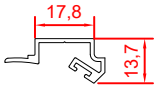


20274-20274

لولـــه گـــردان فـــریم 59.5mm

corner adapter for frame

1.787 kg/m



20173

آداپتـــور کنـــج لولـــه گـــردان

corner adapter

0.230 kg/m

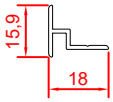


20147

پروفیـــــل آبچکـــان

Raindrop profile

0.268 kg/m

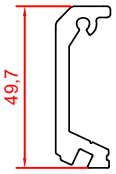


20174

مـــابین دو فـــریم

between two frame

0.126 kg/m

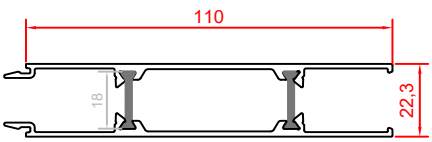


20192

کـــــانکتور نصـــب ســـپری

T joint

0.92 kg/m

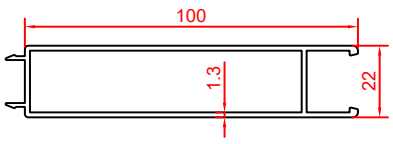


20360-20360

ورق دو جداره ی ترمـال بریـــک

Thermal break facade

1.409 kg/m

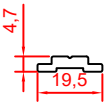


20175

پروفیـــــل ورق دو جداره

facade profile

1.078 kg/m

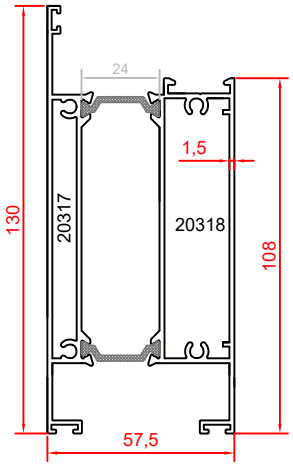


20150

پروفیـــــل تســـمه

Rod profile

0.182 kg/m



20317-20318

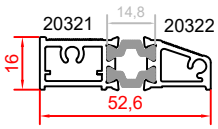
پروفیـــل پـــایین درب

bottom plate profile

2.608 kg/m

Jx=101.8 cm^4

Jy=37.4 cm^4

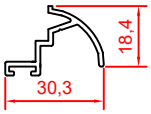


20321-20322

پروفیـــل آســـتانه درب

threshold profile

0.615 kg/m

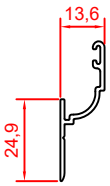


20176

آبچکـــان آســـتانه ی درب

Raindrop profile

0.278 kg/m

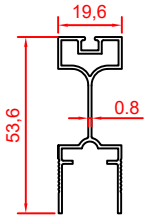


20146

ریـل تـوری کشـــویی

fly screen rail profile

0.231 kg/m

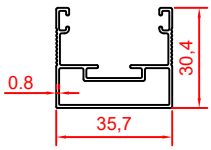


20193

لنگـــه بازشـــو تـــوری پلیســـه

fly screen sash pr

0.380 kg/m

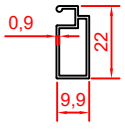


20194

فـــریم تـــوری پلیســـه

flyscreen frame pr

0.360 kg/m

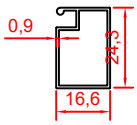


20207

تـــوری فیکـــس

Fix fly screen profile

0.150 kg/m

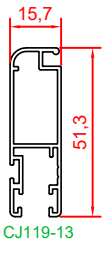


20208

تـــوری فیکـــس

Fix fly screen profile

0.200 kg/m

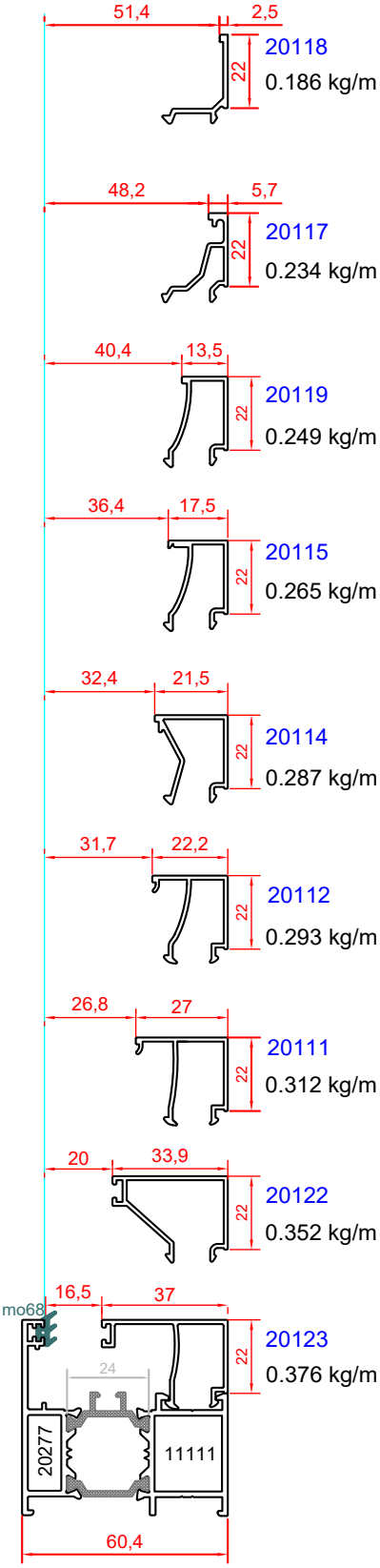


20144

لنگـــه تـــوری کشـــویی

fly screen profile

0.502 kg/m



اندازه ی شیشه و زهوار ها HT60-FLAT



mo68

لاستیک بیرونی شیشه

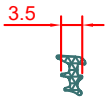
3mm



mo60

لاستیک بازشو

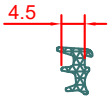
3mm



1002

لاستیک شیشه

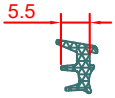
2mm



1008

لاستیک شیشه

3mm



1004

لاستیک شیشه

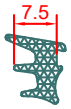
4mm



1005

لاستیک شیشه

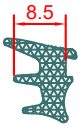
5mm



1006

لاستیک شیشه

6mm

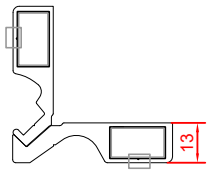


1007

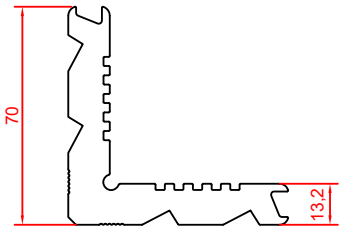
لاستیک شیشه

7mm

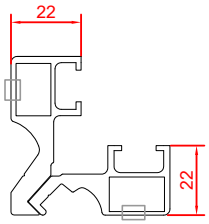
زهوار فریم و بازشو و مولیون یکسان میباشد



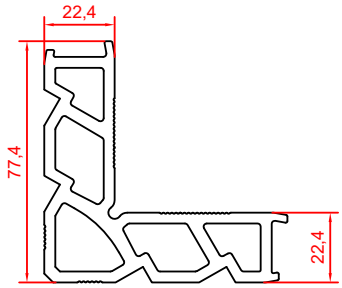
code : 178
PC B13
قابـــل تولیـــد در انـدازه‌های مختلـف



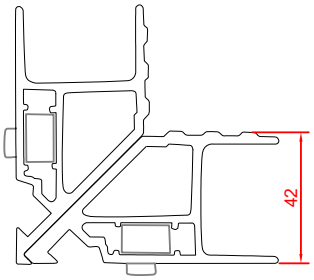
code :CJ 113
گونیـــا پـــانچی
corner cleat
weight 4.03kg/m



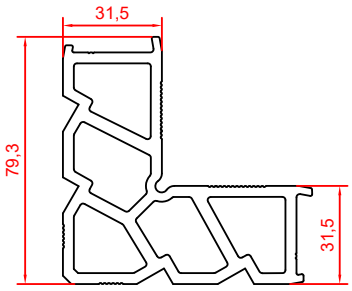
code : 170
PC B22
قابـــل تولیـــد در انـدازه‌های مختلـف



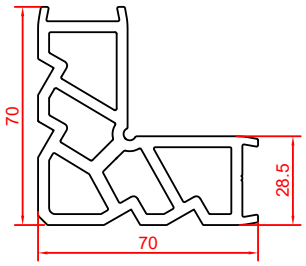
code : CJ 119
گونیـــا پـــانچی
corner cleat
weight 3.610 kg/m



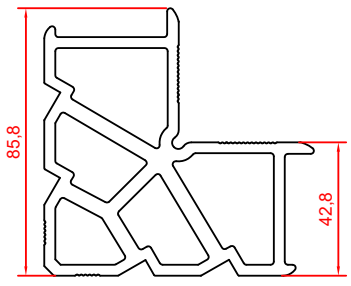
code : 171
PC B42
قابـــل تولیـــد در انـدازه‌های مختلـف



code : CJ 118
گونیـــا پـــانچی
corner cleat
weight 4.021 kg/m

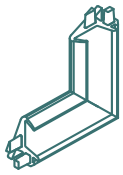
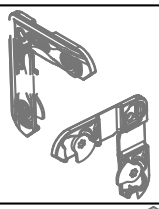
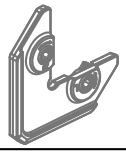
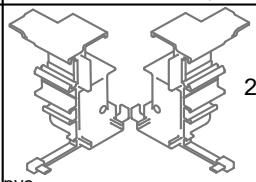
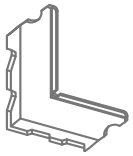
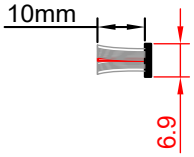
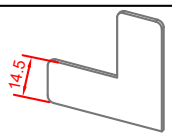
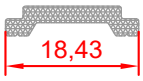
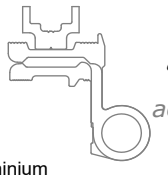
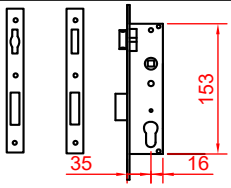
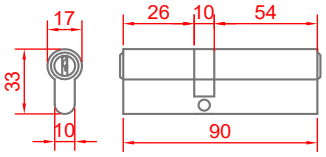


code : CJ 115
گونیـــا پـــانچی
corner cleat
weight 3.659 kg/m



code : CJ 116
گونیـــا پـــانچی
corner cleat
weight 4.641 kg/m

لیســـت یـراق الات

 EPDM code : 53016 لاســـتیک فـــریم در بازشـــو *gasket for open joint*	 galvanized P100 گونیـــا فلـــزی P100 *T joint fixing*
 EPDM code :196 لاســـتیک گوشـــه فـــریم *corner gasket for open joint*	 steel code :60051 گونیـــای دایکاســـتی ســـپری *T joint connection*
 steel FUJI2000 گونیـــای دایکاســـتی *corner alignment*	 pvc code : 53062 درپـــوش آورهانگ 20351-20352 *adapter cover*
 pvc MO20 گونیـــای پلاســـــتیکی لنگـــه *Sash corner alignment*	 code :620-69-110 مویـــی پـــایین درب *brush No 10for sliding sash*
 galvanized MM5 گونیـــا فلـــزی روکـــوب *Border corner alignment*	 poliamid تســـمه ی پلـــی امیـــد *rod poliamid*
 aluminium لـــولا دو تکـــه پنجـــره یـــو پـــی وی ســـی *accesoary for multi point sash*	 قفـــل زبانـــه دار یـــا غلتکـــی لنگـــه ی بازشـــو *mourtise lock with cylinder or roller*
 aluminium لـــولا ســـه تکـــه درب یـــو پـــی وی ســـی *accesoary for multi point sash*	 ســـیلندر 90 mm *CYLINDER 90*

HN59

درب و پنجره لولایی

مشخصـــات سیســـــتم

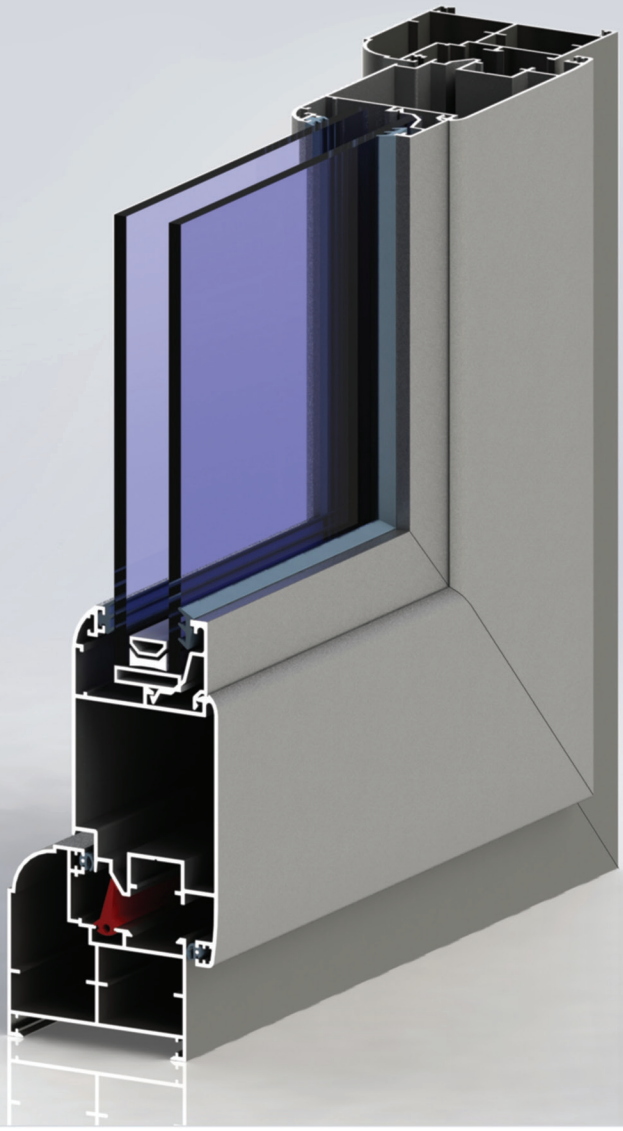
- اندازه عرض فریم : ۴۷/۲ _ ۵۹ _ ۹۰ میلیمتر
- اندازه عرض لنگه : ۴۴ _ ۵۱/۵ میلیمتر
- ضخامت دیواره پروفیل : ۱/۲ _ ۱/۳ _ ۱/۴ میلیمتر
- نوع گونیا مورد استفاده : گونیای پانچی و گونیای آلنی
- قابلیت نصب بازشو تک حالته - دوحالته - کلنگی - فولکسی واگنی - محوری و فرانسوی
- دارای بیشترین آببندی و هوابندی با استفاده از لاستیکهای EPDM

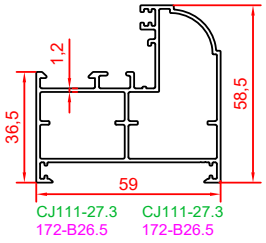
105

HN59

Hinged Door & Window

- Product code : HN59
- Frame width : 47.2 - 59 - 90 mm
- Sash width : 44 - 51.5 mm
- Profile Wall thickness : 1.2 - 1.3 - 1.4 mm
- gaskets sealing and identification EPDM
- fittings European install to Possibility
- French - Turn and Tilt - Turn :opening of Type



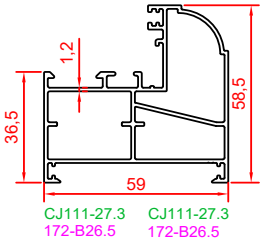


20002

پروفیـــل فـــریم

frame profile

1.074 kg/m

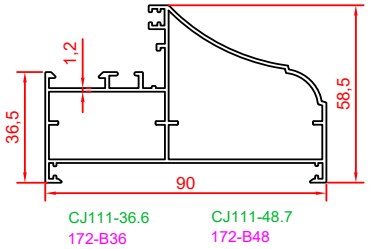


20018

فـــریم تخلیـــه آب

frame profile

1.12 kg/m

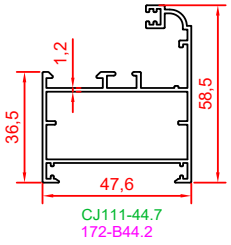


20005

پروفیـــل فـــریم

frame profile

1.258 kg/m

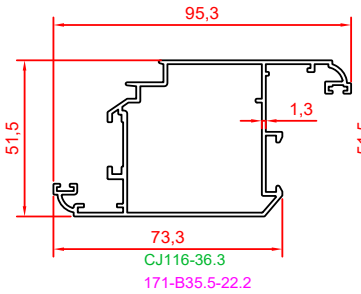


20001

فـــریم پنجـــره

frame profile

0.875 kg/m

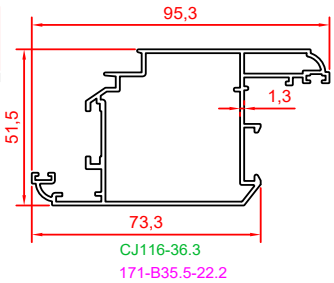


20049

لنگـــه درب داخل بازشـــو

inward openig sash

1.265 kg/m

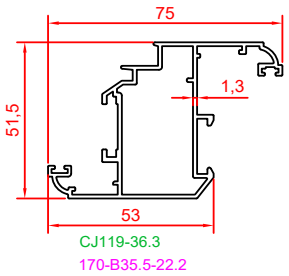


20054

لنگـــه درب داخل بازشـــو

inward openig sash

1.260 kg/m

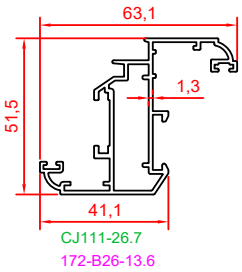


20048

لنگـــه پنجـــره ی متوســـط

sash profile

1.043 kg/m

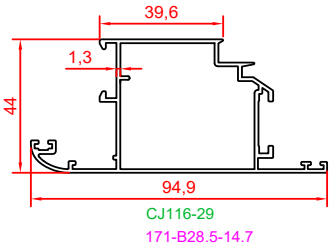


20047

لنگـــه پنجـــره ی کوچـــک

sash profile

0.948 kg/m

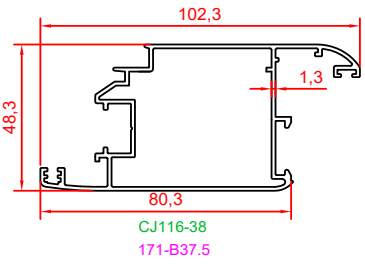


20055

درب بـــیرون بازشـــو

outward openig door sash

1.023 kg/m

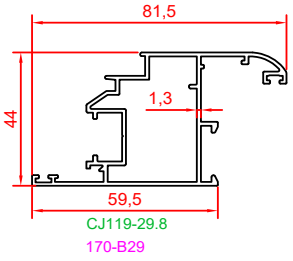


20051

درب داخل بازشـــو یـــو پـــی وی ســـی

sash profile - multi point

1.263 kg/m

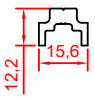


20043

پنجـــره یـــو پـــی وی ســـی

sash profile

1.001 kg/m

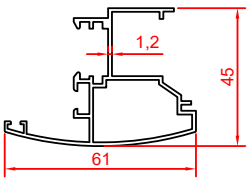


20149

تســـمه لـــولای یـــو پـــی وی ســـی

Rod profile

0.262 kg/m

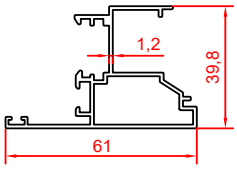


20075

پروفیـــــل آورهانگ

double sash adaptor

0.767 kg/m

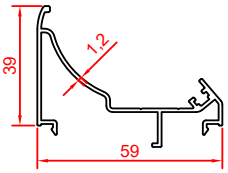


20076

پروفیـــــل آورهانگ

double sash adaptor

0.739 kg/m

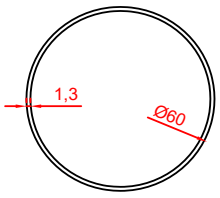


20160

اداپتـــور کنـــج فـــریم 20002

corner profile

0.575 kg/m

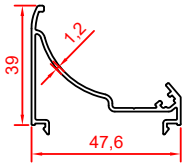


20161

اداپتـــور کنـــج فـــریم 20002

corner profile

0.791 kg/m

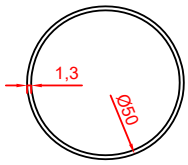


20195

اداپتـــور کنـــج فـــریم 20001

corner profile

0.483 kg/m

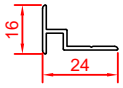


20159

اداپتـــور کنـــج فـــریم 20001

corner profile

0.571 kg/m

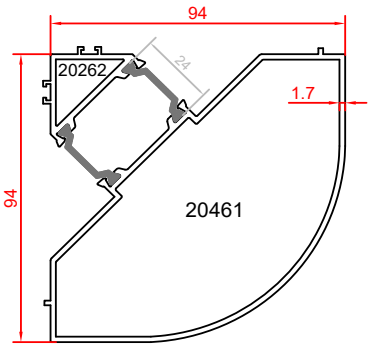


20151

مـــابین دو فـــریم

Between two frame

0.152 kg/m

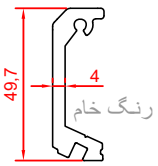


20262-20461

اداپتـــور کنـــج فـــریم 20005

corner profile

2.849 kg/m

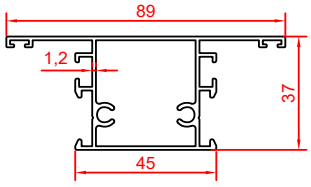


20192

کـــــانکتور نصـــب ســـپری

T joint

0.92 kg/m



20074

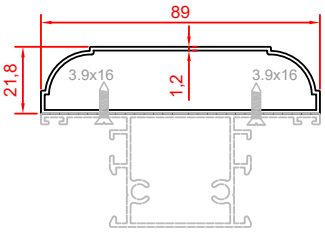
پروفیـــــل ســـپری

T profile

1.001 kg/m

Jx=15.7 cm^4

Jy=7.1 cm^4

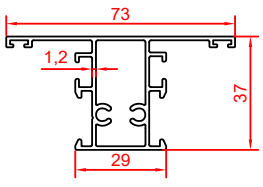


20162

اداپتـــور ســـپر نما بـــیرون

adapter for T profile

0.690 kg/m



20072

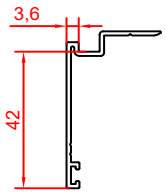
پروفیـــــل ســـپری

T profile

0.885 kg/m

Jx=8.48 cm^4

Jy=5.78 cm^4

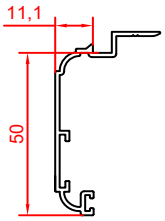


20091

پروفیـــــل روکـوب

border profile

0.328 kg/m

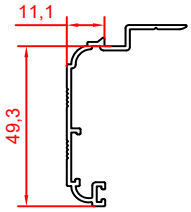


20097

پروفیـــــل روکـوب

border profile

0.398 kg/m

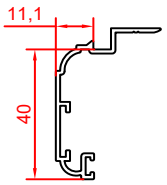


20094

پروفیـــــل روکـوب شـیار دار

border profile

0.416 kg/m

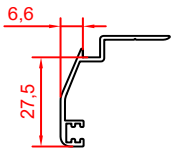


20098

پروفیـــــل روکـوب

border profile

0.373 kg/m

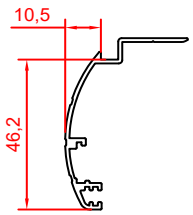


20096

پروفیـــــل روکـوب

border profile

0.274 kg/m

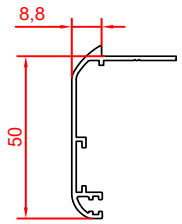


20095

پروفیـــــل روکـوب

border profile

0.379 kg/m

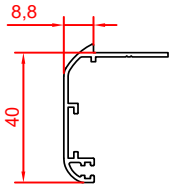


20092

پروفیـــــل روکـوب

border profile

0.398 kg/m

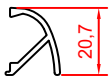


20093

پروفیـــــل روکـوب

border profile

0.361 kg/m

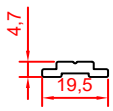


20147

پروفیـــــل آبچکـــان

raindrop profile

0.268 kg/m

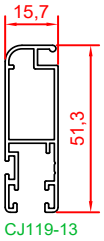


20150

پروفیـــــل تسـمه

Rod profile

0.182 kg/m

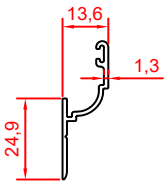


20144

لنگـــه تـــوری کشـــویی

fly screen profile

0.502 kg/m

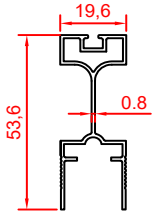


20146

ریـل تـوری کشـــویی

fly screen rail profile

0.231 kg/m

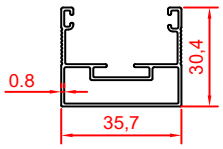


20193

لنگـــه بازشـــو تـــوری پلیســـه

fly screen sash pr

0.380 kg/m



20194

فـــریم تـــوری پلیســـه

flyscreen frame pr

0.360 kg/m

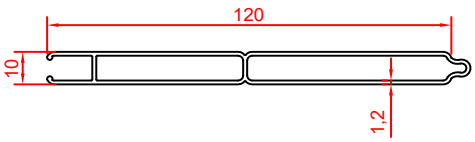


20141

اداپتـــور چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m

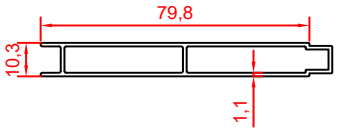


20155

ورق تـک جداره

shutter profile

0.927 kg/m

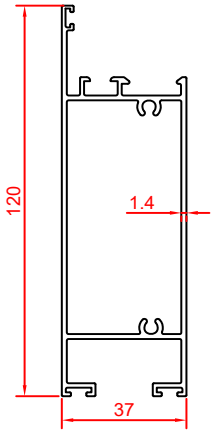


20156

ورق تـک جداره

shutter profile

0.645 kg/m

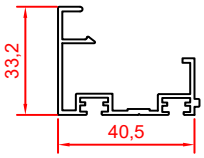


20152

پروفیـــل پـــایین درب

bottom plate profile

1.450 kg/m

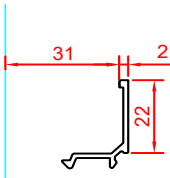


20196

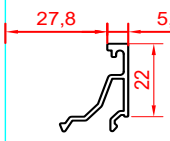
اداپتـــور پـــایین درب لنگـــه

bottom adapter profile

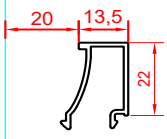
0.480 kg/m



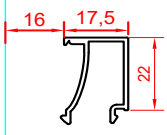
20118
0.186 kg/m



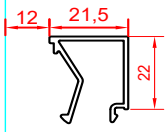
20117
0.234 kg/m



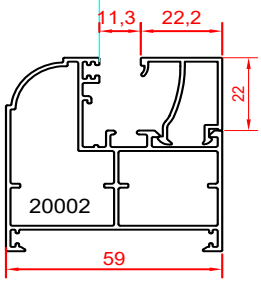
20119
0.249 kg/m



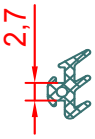
20115
0.265 kg/m



20114
0.287 kg/m



20112
0.293 kg/m



mo68
لاستیک بیرونی شیشه
3mm



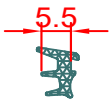
mo60
لاستیک بازشو
3mm



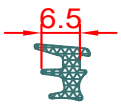
1002
لاستیک شیشه
2mm



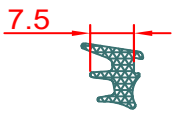
1008
لاستیک شیشه
3mm



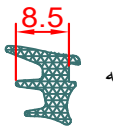
1004
لاستیک شیشه
4mm



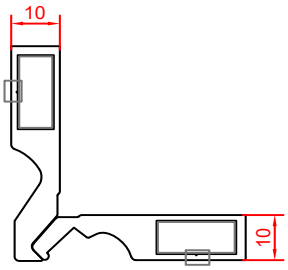
1005
لاستیک شیشه
5mm



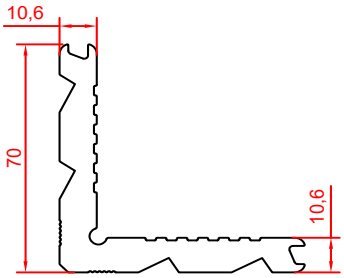
1006
لاستیک شیشه
6mm



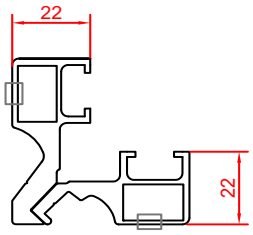
1007
لاستیک شیشه
7mm



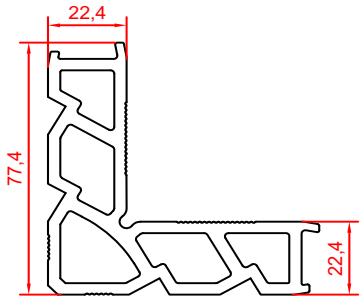
code : 172
PC B10
قابـــل تولیـــد در انـدازه‌های مختلـف



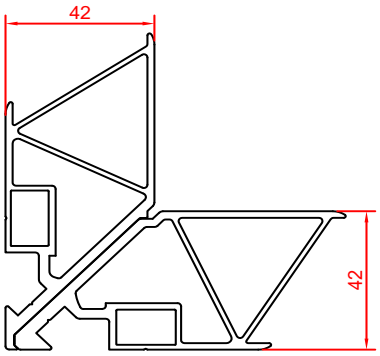
code : CJ 111
گونیـــا پـــانچی
corner cleat
3.31 kg/m



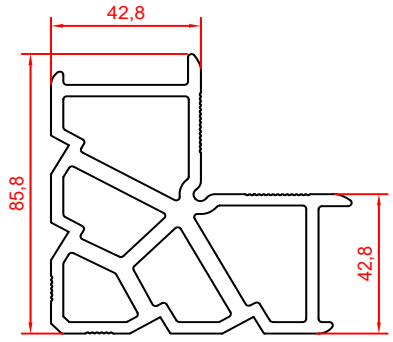
code : 170
PC B22
قابـــل تولیـــد در انـدازه‌های مختلـف



code : CJ 119
گونیـــا پـــانچی
corner cleat
3.610 kg/m

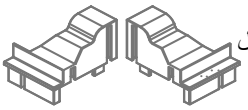
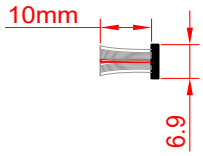
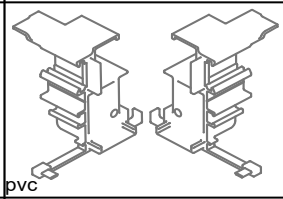
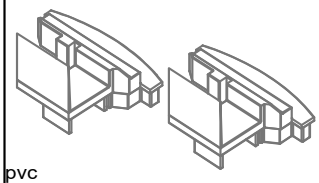
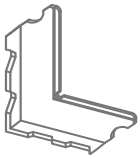
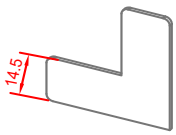
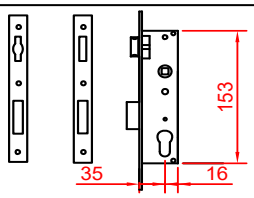
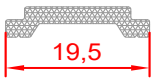
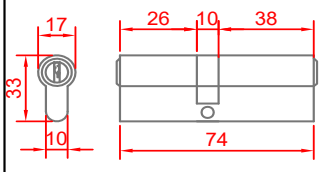


code : 171
PC B42
قابـــل تولیـــد در انـدازه‌های مختلـف



code : CJ116
گونیـــا پـــانچی
corner cleat
5kg/m

لیســـت یـراق الات

code : 51027 لاســـتیک فـــریم در بازشـــو *gasket for open joint*  EPDM	P100 گونیـــا فلـــزی P100 *T joint fixing*  galvanized
لاســـتیک لنگـــه تـــوری *fly screen gasket*  EPDM	code : 2618 درپـــوش ابتـــدا و انتهـــای پروفیـــل 20196 *2591PLASTIC END CAP*  pvc
code :620-69-110 مویـــی پـــایین درب *brush No 10for sliding sash*  	code : 50124 درپـــوش آورهانگ 20076 *adapter cover*  pvc
FUJI 2013 گونیـــا دایکاســـتی بازشـــو محوری *corner alignment*  steel	code : 50102 درپـــوش آورهانگ 20075 *adapter cover*  pvc
MO20 گونیـــای پلاســـتیکی لنگـــه *corner alignment*  pvc	بلبرینـــــگ تـــوری ریلـــی *fly screen roller* 
MM5 گونیـــا فلـــزی *corner alignment*  galvanized	قفـــل زبانـــه دار یـــا غلتکـــی لنگـــه ی بازشـــو *mourtise lock with cylinder or roller* 
code :ata19503 تســـمه ی پلـــی امیـــد *rod poliamid*  poliamid	74ســـیلندر *CYLINDER 74mm* 
MO19 گونیـــا فلـــزی کوچـــک *corner alignment*  galvanized	





HN42

درب و پنجره لولایی

مشخصـــات سیســـــتم

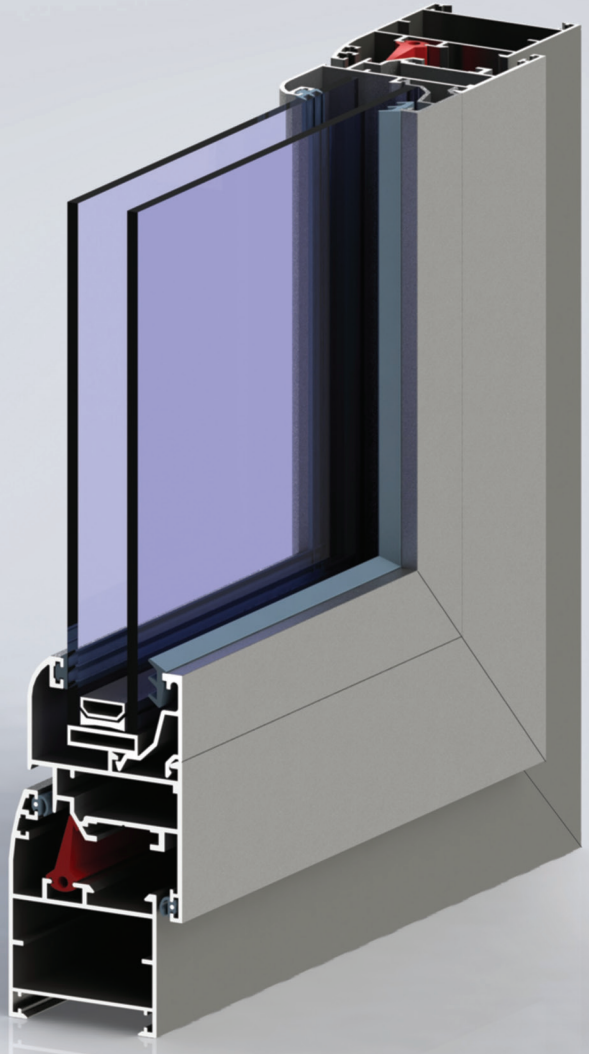
- اندازه عرض فریم : ٤٢ میلیمتر
- اندازه عرض لنگه : ٤٤ _ ٤٨/٣ میلیمتر
- ضخامت دیواره پروفیل : ١/٢ _ ١/٣ _ ١/٨ میلیمتر
- نوع گونیا مورد استفاده : گونیای پانچی و گونیای آلنی
- قابلیت نصب بازشو تک حالته - دوحالته - کلنگی و فرانسوی
- آببندی و هوابندی با استفاده از لاستیکهای EPDM

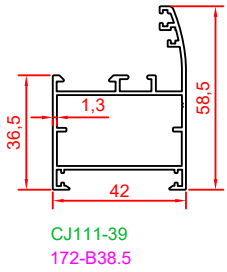
06

HN42

Hinged Door & Window

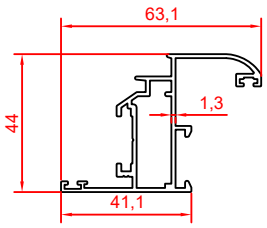
- Product code : HN42
- Frame width size : 42 mm
- The size of the width of the sash : 1.2 _1.3 _ 1.8 mm
- Product code : HN59
- Frame width : 47.2 - 59 - 90 mm
- Sash width : 44 - 51.5 mm
- Profile Wall thickness : 1.2 - 1.3 - 1.4 mm
- gaskets sealing and identification EPDM
- French - Turn and Tilt - Turn :opening of Type
- fittings European install to Possibility
- opening of Type : French - Turn and Tilt - Turn





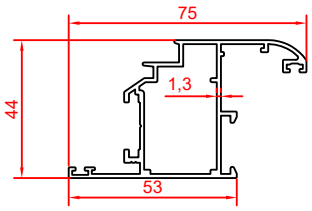
CJ111-39
172-B38.5

20000
پروفیـــل فـــریم
frame profile
0.766 kg/m



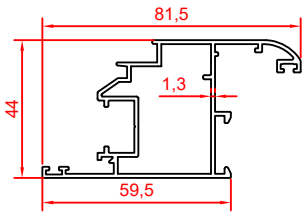
CJ111-27.5
172-B27

20041
پروفیـــل لنگـــه
Sash profile
0.802 kg/m



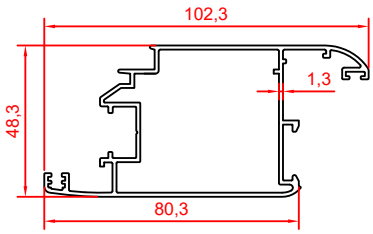
CJ119-27.5
170-B27

20042
لنگـــه متوســـط
Sash profile
1.258 kg/m



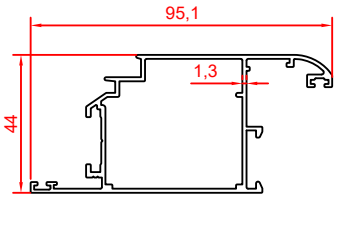
CJ119-29.7
170-B29

20043
لنگـــه متوســـط اســـــپانیولت
Sash profile
1.016 kg/m



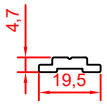
CJ116-38
171-B37.5

20051
درب داخل بازشـــو یـــو پـــی وی ســـی
sash profile - multi point
1.263 kg/m



CJ116-27.5
171-B27

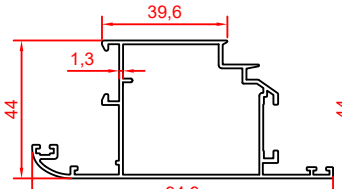
20045
لنگـــه درب داخل بازشـــو
inward openig sash
1.100 kg/m



20150
پروفیـــــل تســـمه
Rod profile
0.182 kg/m

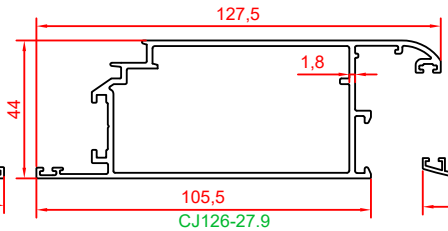


20149
تســـمه لـــولای
یـــو پـــی وی ســـی
Rod profile
0.262 kg/m



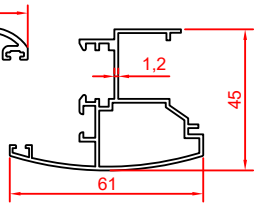
CJ116-29
171-B28.5-14.7

20055
درب بـــیرون بازشـــو
outward openig door sash
1.023 kg/m

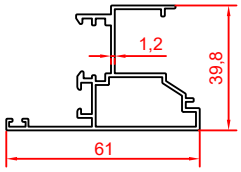


CJ126-27.9

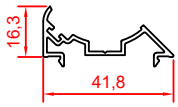
20044
درب داخل بازشـــو بلنـــد
Big sash profile
1.734 kg/m



20075
مـــابین دو لنگـــه
double sash adaptor
0.767 kg/m



20076
مـــابین دو لنگـــه
double sash adaptor
0.739 kg/m

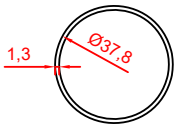


20154

اداپتـــور کنـــج فـــریم

corner profile

0.318 kg/m

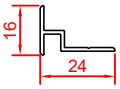


20153

لولـــه محوری

corner profile

0.426 kg/m



20151

مـــابین دو فـــریم

Between two frame

0.152 kg/m

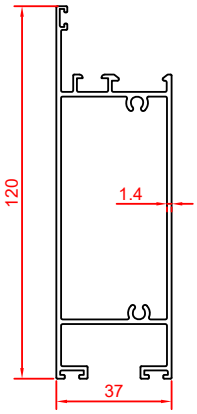


20147

پروفیـــــل آبچکـــان

raindrop profile

0.268 kg/m

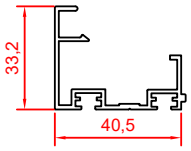


20152

پروفیـــــل پـــــایین درب

bottom plate profile

1.450 kg/m

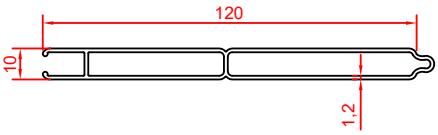


20196

اداپتـــور پـــــایین درب لنگـــه

bottom adapter profile

0.480 kg/m

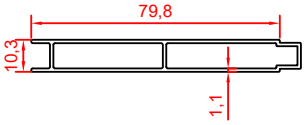


20155

ورق تـک جداره

shutter profile

0.927 kg/m

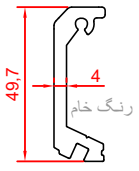


20156

ورق تـک جداره

shutter profile

0.645 kg/m

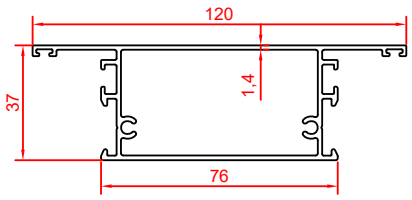


20192

کـــــانکتور نصـــب ســـپری

T joint

0.92 kg/m



20071

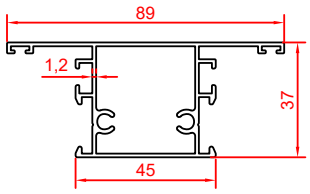
پروفیـــــل ســـپری

T profile

1.316 kg/m

Jx=52.51 cm^4

Jy=9.17 cm^4



20074

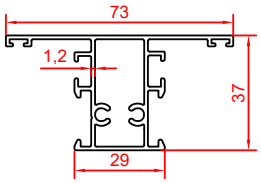
پروفیـــــل ســـپری

T profile

1.001 kg/m

Jx=15.7 cm^4

Jy=7.1 cm^4



20072

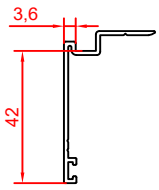
پروفیـــــل ســـپری

T profile

0.885 kg/m

Jx=8.48 cm^4

Jy=5.78 cm^4

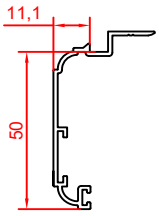


20091

پروفیـــــل روکـوب

border profile

0.328 kg/m

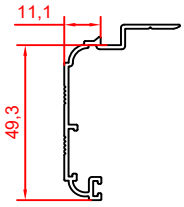


20097

پروفیـــــل روکـوب

border profile

0.398 kg/m

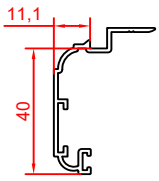


20094

پروفیـــــل روکـوب شـیار دار

border profile

0.416 kg/m

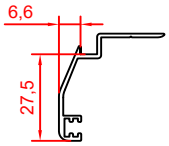


20098

پروفیـــــل روکـوب

border profile

0.373 kg/m

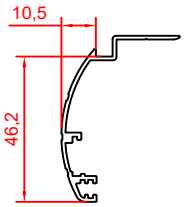


20096

پروفیـــــل روکـوب

border profile

0.274 kg/m

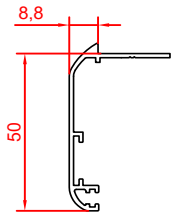


20095

پروفیـــــل روکـوب

border profile

0.379 kg/m

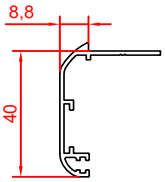


20092

پروفیـــــل روکـوب

border profile

0.398 kg/m

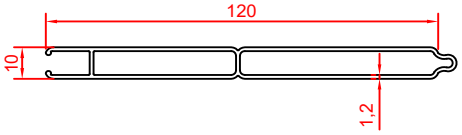


20093

پروفیـــــل روکـوب

border profile

0.361 kg/m

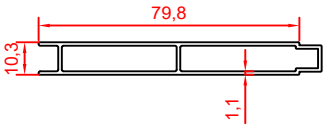


20155

ورق تـک جداره

shutter profile

0.927 kg/m

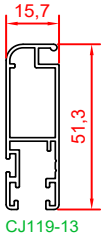


20156

ورق تـک جداره

shutter profile

0.645 kg/m

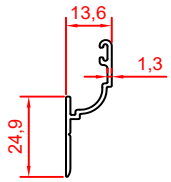


20144

لنگـــه تـــوری کشـــویی

fly screen profile

0.502 kg/m

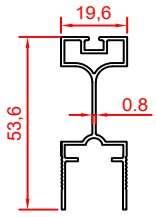


20146

ریـل تـوری کشـــویی

fly screen rail profile

0.231 kg/m

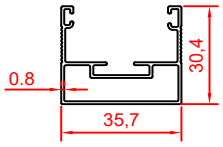


20193

لنگـــه بازشـــو تـــوری پلیســـه

fly screen sash pr

0.380 kg/m



20194

فـــریم تـــوری پلیســـه

flyscreen frame pr

0.360 kg/m

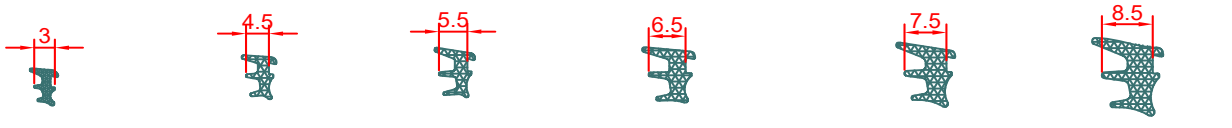


20141

اداپتـــور چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m

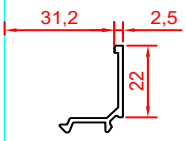


1002	1008	1004	1005	1006	1007
لاستیک شیشه	لاستیک شیشه	لاستیک شیشه	لاستیک شیشه	لاستیک شیشه	لاستیک شیشه
2mm	3mm	4mm	5mm	6mm	7mm

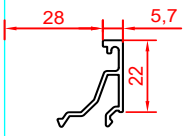


mo68
لاستیک بیرونی شیشه
3mm

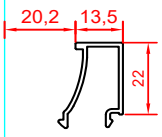
mo60
لاستیک بازشو
3mm



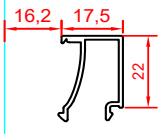
20118
0.186 kg/m



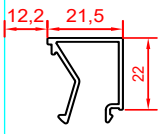
20117
0.234 kg/m



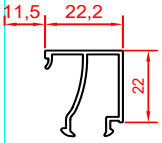
20119
0.249 kg/m



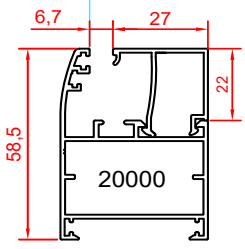
20115
0.265 kg/m



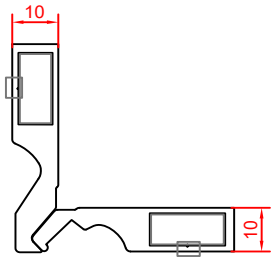
20114
0.287 kg/m



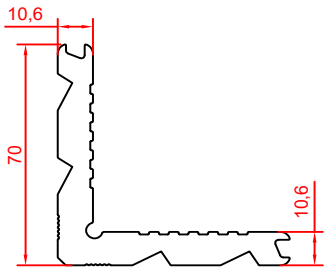
20112
0.293 kg/m



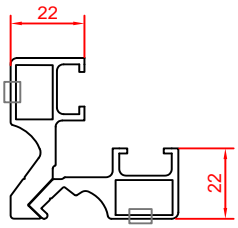
20111
0.312 kg/m



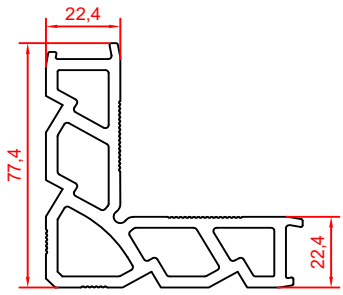
code : 172
PC B10
قابـــل تولیـــد در انـدازه‌های مختلـف



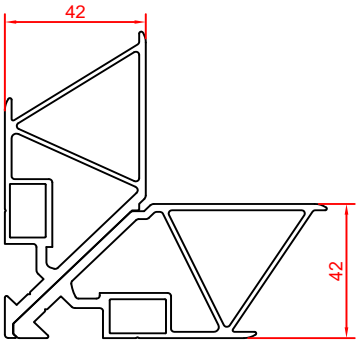
code : CJ 111
گونیـــا پـــانچی
corner cleat
3.31 kg/m



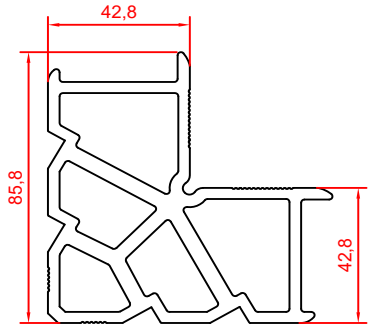
code : 170
PC B22
قابـــل تولیـــد در انـدازه‌های مختلـف



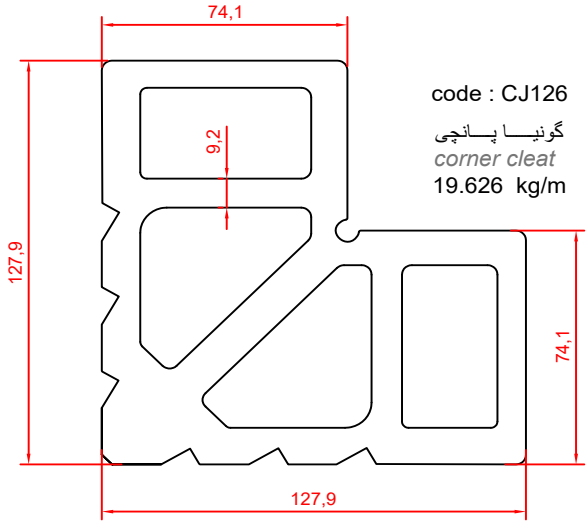
code : CJ 119
گونیـــا پـــانچی
corner cleat
3.610 kg/m



code : 171
PC B42
قابـــل تولیـــد در انـدازه‌های مختلـف

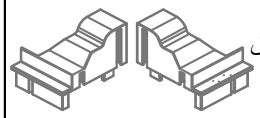
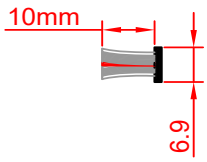
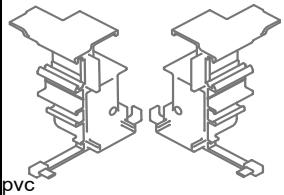
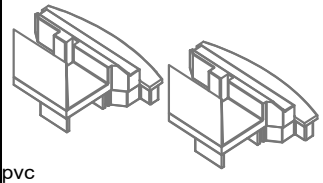
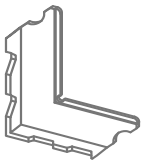
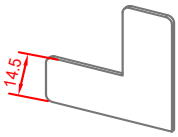
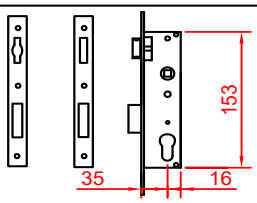
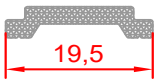
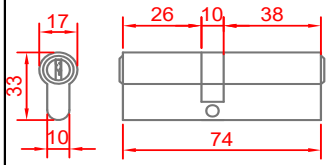


code : CJ116
گونیـــا پـــانچی
corner cleat
5kg/m



code : CJ126
گونیـــا پـــانچی
corner cleat
19.626 kg/m

لیســـت یـراق الات

code : 51027 لاســـتیک فـــریم در بازشـــو *gasket for open joint*  EPDM	P100 گونیـــا فلـــزی P100 *T joint fixing*  galvanized
لاســـتیک لنگـــه تـــوری *fly screen gasket*  EPDM	code : 2618 درپـــوش ابتـــدا و انتهـــای پروفیـــل 20196 *2591PLASTIC END CAP*  pvc
code :620-69-110 مویـــی پـــایین درب *brush No 10for sliding sash*  	code : 50124 درپـــوش آورهانگ 20076 *adapter cover*  pvc
FUJI 2013 گونیـــا دایکاســـتی *corner alignment*  steel	code : 50102 درپـــوش آورهانگ 20075 *adapter cover*  pvc
MO20 گونیـــای پلاســـتیکی لنگـــه *corner alignment*  pvc	بلبرینـــــگ تـــوری ریلـــی *fly screen roller* 
MM5 گونیـــا فلـــزی *corner alignment*  galvanized	قفـــل زبانـــه دار یـــا غلتکـــی لنگـــه ی بازشـــو *mourtise lock with cylinder or roller* 
code :ata19503 تســـمه ی پلـــی امید *rod poliamid*  poliamid	74ســـیلندر *CYLINDER 74mm* 
MO19 گونیـــا فلـــزی کوچـــک *corner alignment*  galvanized	



HN45H

درب آلدوکس سنگین

طر ح ترکیه

مشخصـــات سیســـــتم

- اندازه عرض فریم: ٤٦/٣ میلیمتر
- اندازه عرض لنگه: ٤٦/١ میلیمتر
- ضخامت دیواره: ۰/۸ میلیمتر
- نمای ظاهری پروفیل: تخت و صاف از نمای بیرونی و داخلی
- نوع گونیای گوشه: گونیای پانچی و گونیای آلنی
- گسکتهای هوابندی و آب بندی از جنس EPDM
- نوع بازشو: تک حالته - دو حالته

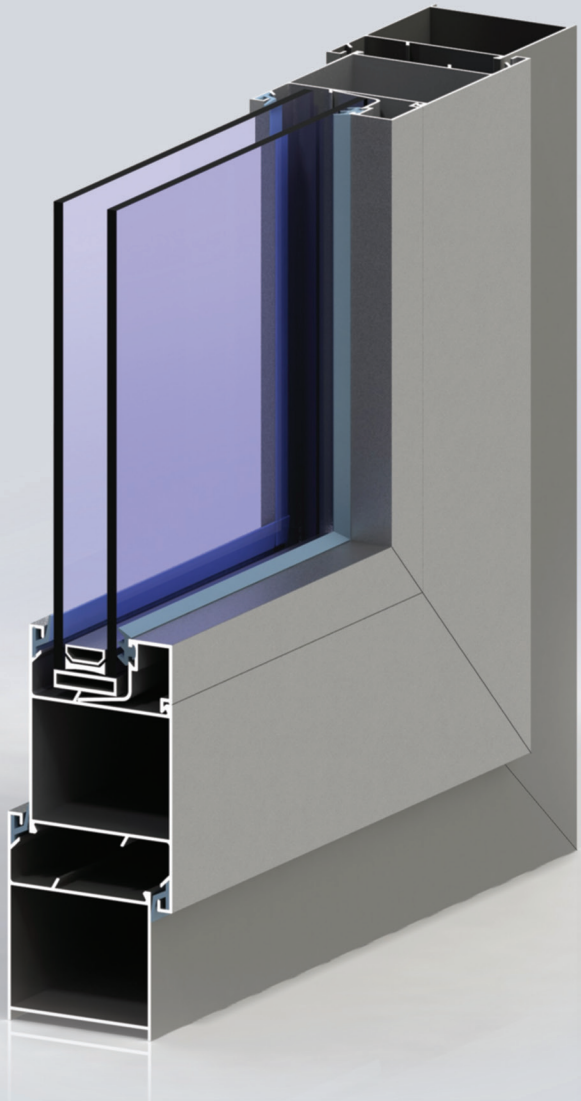
107

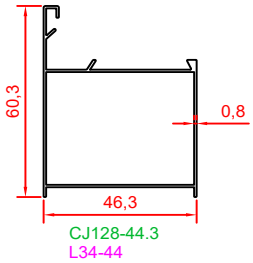
HN45H

Heavyweight Aldoks Door

Turkey Plan

- Product code: HN45H
- Frame width: 46.3 mm
- Sash width: 46.1 mm
- Wall thickness: 0.8 mm
- Appearance: Flat and smooth from the outside and inside
- Type of corner fixture: Punch punches and Allen punches Thickness of glass: 6 to 24 mm
- EPDM identification and sealing gaskets
- Type of opening: Turn - Tilt and Turn



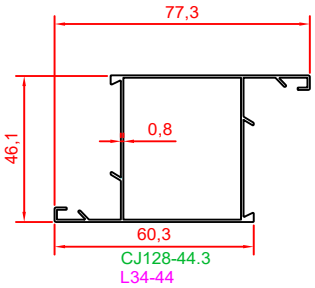


20019

فـــریم طرح ترکیـــه

Frame profile

0.500 kg/m

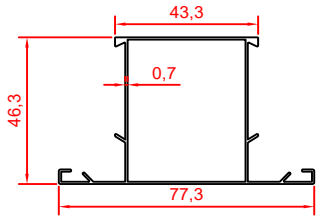


20060

لنگـــه طرح ترکیـــه

Sash profile

0.530 kg/m

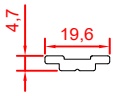


20084

ســـپری طرح ترکیـــه

T profile

0.500 kg/m

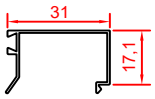


20150

پروفیـــــل تســـمه

Rod profile

0.180 kg/m

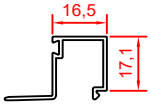


20128

زهوارطرح ترکیـــه

Glazing bid profile

0.190 kg/m

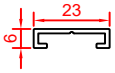


20129

زهوارطرح ترکیـــه

Glazing bid profile

0.230 kg/m

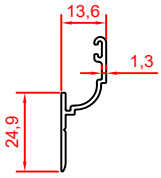


20197

پروفیـــــل جای تســـمه

Rod profile adapter

0.145 kg/m

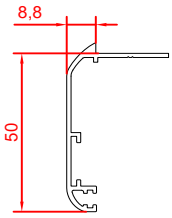


20146

ریـل تـوری کشـــویی

fly screen rail profile

0.231 kg/m

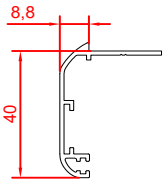


20092

پروفیـــــل روکـوب

border profile

0.398 kg/m



20093

پروفیـــــل روکـوب

border profile

0.361 kg/m

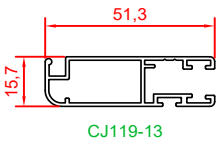


20141

اداپتـــور چهار لنگـــه تـوری

adjoing for fly screen

0.149 kg/m

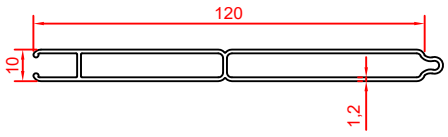


20144

لنگـــه تـوری کشـــویی

fly screen profile

0.502 kg/m

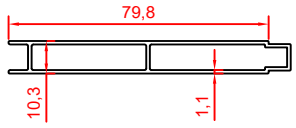


20155

ورق تـک جداره

shutter profile

0.927 kg/m

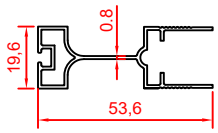


20156

ورق تـک جداره

shutter profile

0.645 kg/m

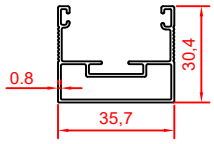


20193

لنگـــه بازشـــو تـــوری پلیســـــه

fly screen sash pr

0.380 kg/m

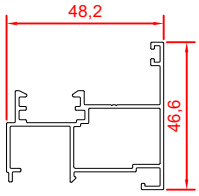


20194

فـــریم تـــوری پلیســـــه

flyscreen frame p

0.360 kg/m

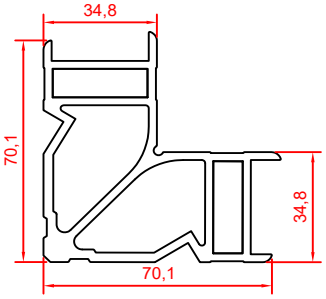


20085

پروفیـــــل آورهانگ

double sash adaptor

0.665 kg/m



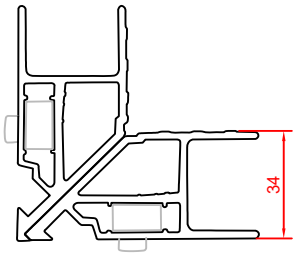
CJ128

پروفیـــــل گونیـــــا پـــانچی

Corner cleat

3.019 kg/m

cutting lenght : 44.3mm



L 34 (PARSWIN)

گونیـــــا دگمـه دار

Corner cleat

cutting lenght : 44mm

Contents

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03	ST115	پنجره کشویی معمولی ترمال بریک/ Thermal Break Sliding Window
04	SMT115	درب و پنجره کشویی مونوریل ترمال بریک/ Thermal Break Monorail Sliding Door & Window
05	ST94	پنجره ترمال بریک کشویی/ Thermal Break Sliding Window
06	ST77	پنجره ترمال بریک کشویی/ Thermal Break Sliding Window
07	SN60	پنجره کشویی/ Sliding Window
08	SMN60	پنجره مونوریل کشویی / Monorail Sliding Window

2

Sliding Door & Window

درب و پنجره کشویی

ST143

در و پنجره کشویی

ترمال بریک

مشخصـــات سیســـــتم

- سیستم ترمال بریک لیفت اسلاید با امکان نصب یراق لیفت اسلاید
- و کشویی معمولی تا وزن ٤٠٠ کیلو گرم
- اندازه ی عرض فریم : ١٤٣ میلیمتر
- اندازه ی ارتفاع فریم : ٦٠ میلیمتر
- اندازه ی عرض لنگه : ٦٢/٥ میلیمتر
- اندازه ی ارتفاع لنگه : ١٠٦/٥ میلیمتر
- اندازه ی پهنای لنگه در اینترلاک : ١١٤/٤ میلیمتر
- اندازه پلی امید فریم : ٢٠ میلیمتر
- اندازه پلی امید لنگه : ١٤/٨ میلیمتر
- اندازه ی ضخامت شیشه : ١٤ _ ٥٠ میلیمتر
- سیستم دارای گواهینامه ift rosen heim
- نمای پروفیل تخت و صاف
- ضخامت دیواره ی پروفیل : ١/٤ _ ٢ میلیمتر
- طبقه بندی ترمال بریک
- Gruppe 2,3 (DIN 526193, U^R=3.8 W/m^2K
- امکان نصب بازشو کنج٩٠ درجه
- مقاومت در اتلاف انرژی : λ_f=3.2-5.7 W/mK
- مناسب برای بازشو های با اندازه بزرگ

201

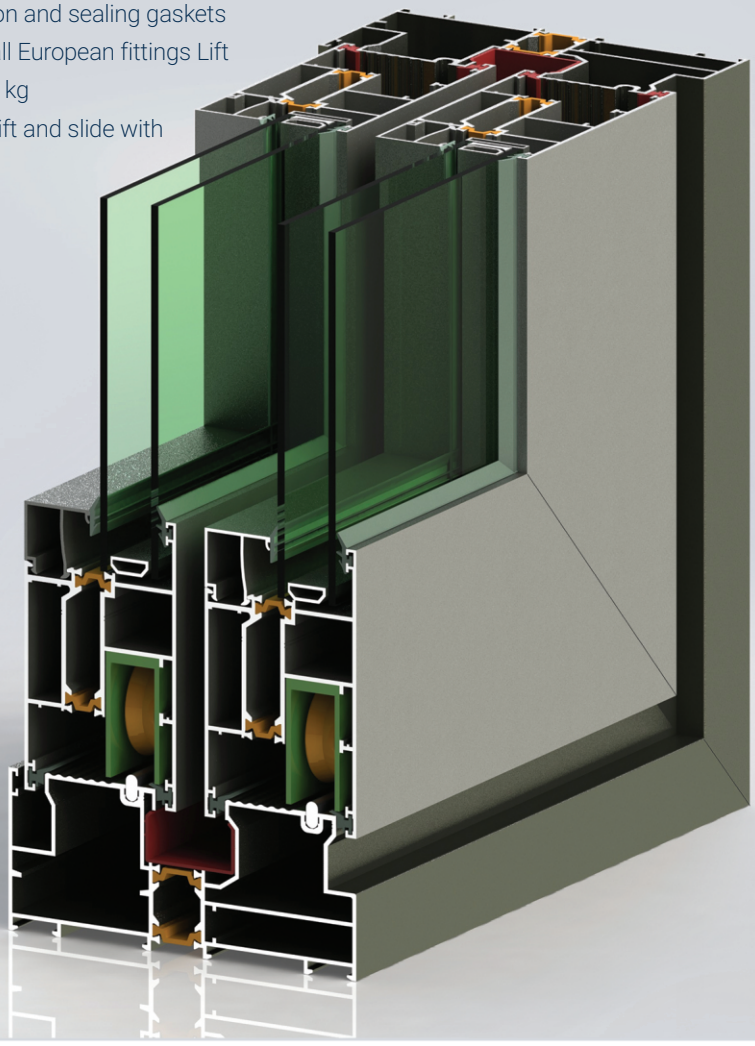
ST143

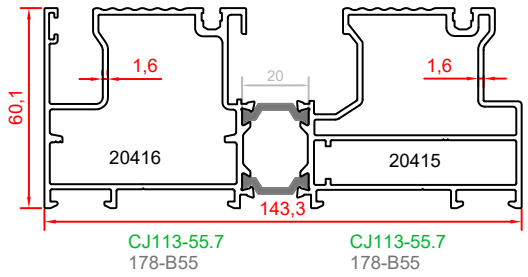
Thermal Break

Sliding Window

Lift & Slide

- Product code : ST143
- Frame width: 143 mm
- Frame height: 60 mm
- Sash width: 62.5 mm
- Sash height: 106.5 mm
- The size of the width of the latch in the interlock: 114.4 mm
- Frame Polyamide size: 20 mm
- Sash Polyamide size: 14.8 mm
- Glass thickness: 14 - 50 mm
- Thermal conductivity: Uf: 3.2w/m2k
- Appearance: Flat and smooth from the outside and inside
- Type of corner fixture: Riveted
- EPDM identification and sealing gaskets
- Possibility to install European fittings Lift
- and slide 300-400 kg
- Type of opening: lift and slide with
- normal opening





20415-20416

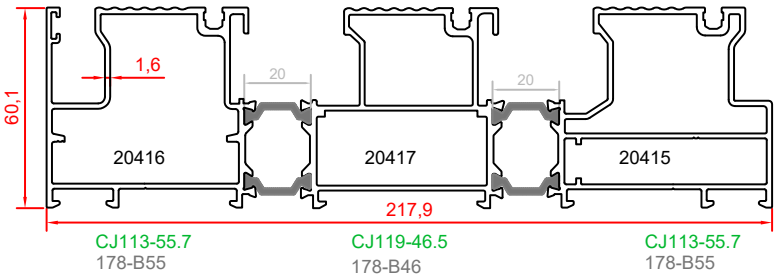
فـــریم دو ریـل

2 rail frame profile

3.410 kg/m

Jx=217.45 cm^4

Jy=44.88 cm^4



20415-20417-20416

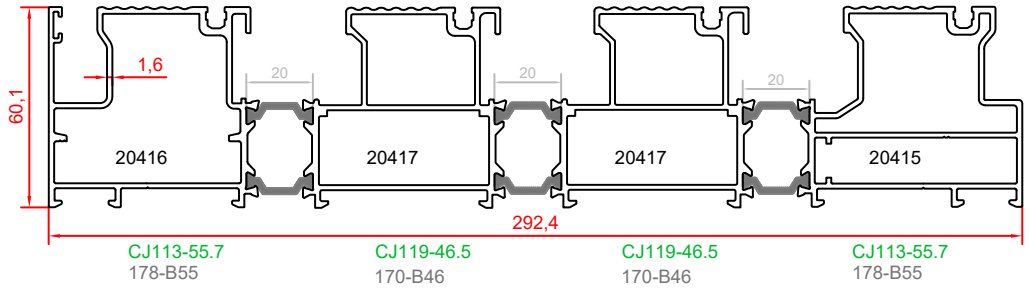
فـــریم سه ریـل

3 rail frame profile

5.030 kg/m

Jx=762.82 cm^4

Jy=67.10 cm^4

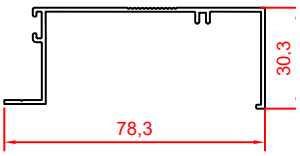


20415-204717-20417-20416

فـــریم چهار ریـل

4 rail frame profile

6.466 kg/m

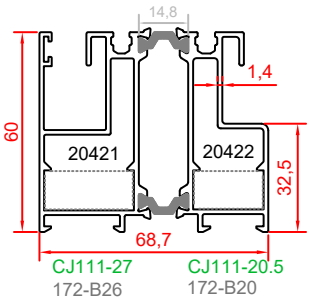


20478

کـاور فـــریم

cover profile

0.550 kg/m



20421-20422

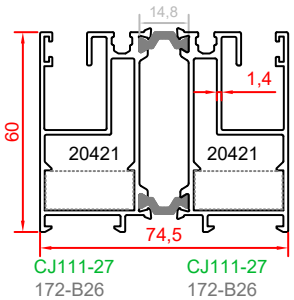
فـــریم تـک ریـل

Single frame profile

2.01 kg/m

Jx=21.48 cm^4

Jy=29.68 cm^4



20421-21421

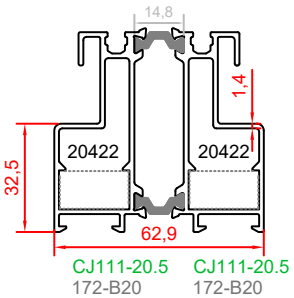
فـــریم تـک ریـل

Single frame profile

2.33 kg/m

Jx= 43.40 cm^4

Jy=34.15 cm^4



20422-20422

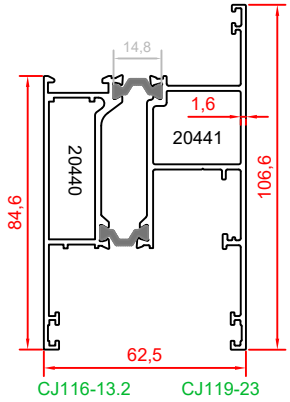
فـــریم تـک ریـل

Single frame profile

1.91 kg/m

Jx=31.43 cm^4

Jy=31.92 cm^4



20440-20441

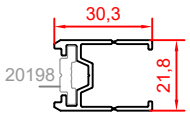
پروفیـــل لنگـــه

sash profile

2.216 kg/m

Jx=42.92 cm^4

Jy=55.18 cm^4

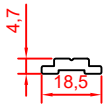


20188

اداپتـــور دســـتگیره اهرمی و اســـپانیولت یـو پـی وی سـی لنگـــه ی

handle adapter profile

0.390 kg/m

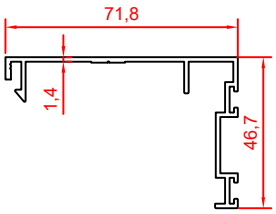


20198

تســمه دســـتگیره اهرمی

Rod profile

0.160 kg/m



20476

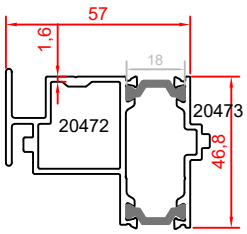
پروفیـــل اینـــترلاک

interlock profile

0.701 kg/m

Jx=5.92 cm^4

Jy=16.98cm^4



20472-20473

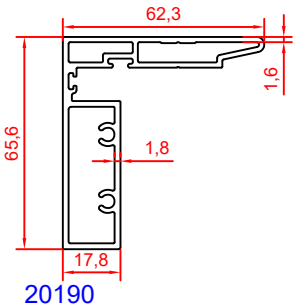
اداپتـــور وسط چهار لنگـــه

sash invertion profile

1.60 kg/m

Jx=22.98 cm^4

Jy=12.88 cm^4

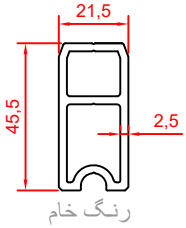


20190

آداپتـــور سه لنگـــه وسط بازشـــو

fixing profile

1.624 kg/m

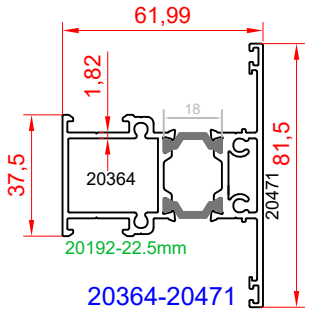


20189

پروفیـــل ثابـــت کننـــده

fixing profile

1.054 kg/m



20364-20471

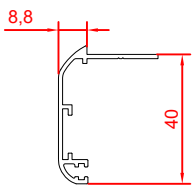
ســـپری لنگـــه

T profile

1.939 kg/m

Jx=27.12 cm^4

Jy=18.83 cm^4

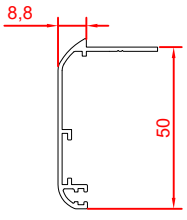


20093

پروفیـــل روکـوب 40

border profile

0.361 kg/m

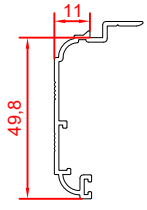


20092

پروفیـــل روکـوب 50

border profile

0.398 kg/m

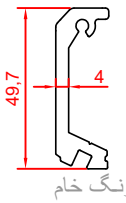


20099

روکـوب شـیار دار 50

border profile

0.394 kg/m

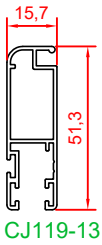


20192

کـــانکتور نصـب ســپری

T joint

0.92 kg/m

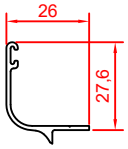


20144

لنگـــه تـــوری کشـــــویی

fly screen profile

0.501 kg/m

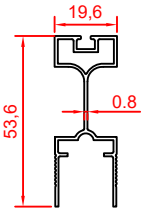


20169

ریـل تـوری کشـــــویی

fly screen rail profile

0.231 kg/m

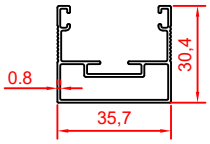


20193

لنگـــه بازشـــو تـــوری پلیســـــه

fly screen sash pr

0.380 kg/m



20194

فـــریم تـــوری پلیســـــه

flyscreen frame pr

0.360 kg/m

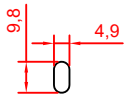


20141

وسط چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m

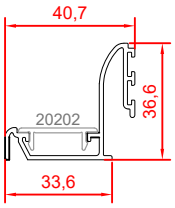


20166

پروفیـــــل ریـل فـــریم

rail profile

0.124 kg/m

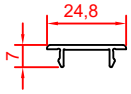


20201

اداپتـــور فـــریم تـک ریـل

Single frame adapter

0.361 kg/m

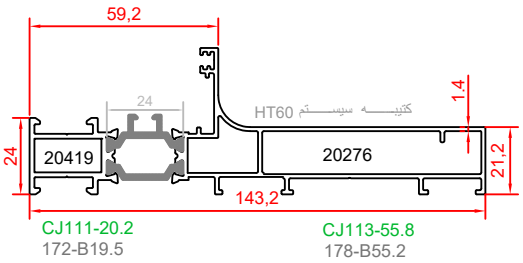


20202

اداپتـــور فـــریم تـک ریـل

Single frame adapter

0.140 kg/m

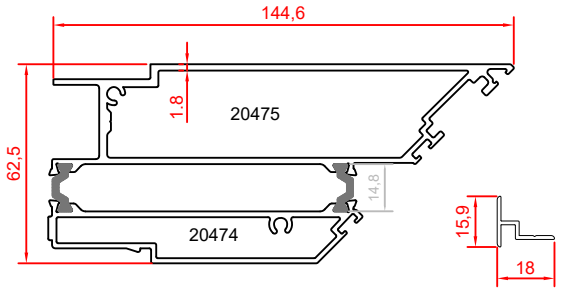


20276-20419

پروفیـــــل کتیبـــــه

frame profile

1.480 kg/m



20474-20475

آداپتـــور کنـــج بازشـــوی 90 درجه

Corner adapter profile

3.301 kg/m

Jx=50.67 cm^4

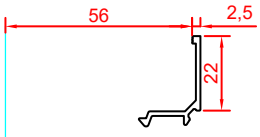
Jy=201.30 cm^4

20174

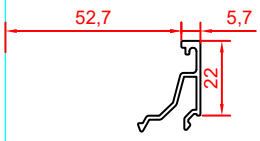
مـــابین دو فـــریم

between two frame

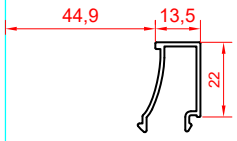
0.126 kg/m



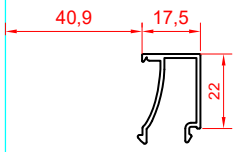
20118
0.186 kg/m



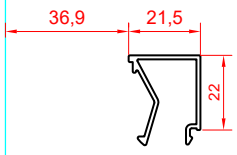
20117
0.234 kg/m



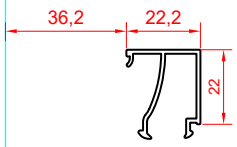
20119
0.249 kg/m



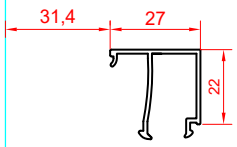
20115
0.265 kg/m



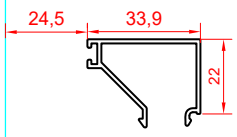
20114
0.287 kg/m



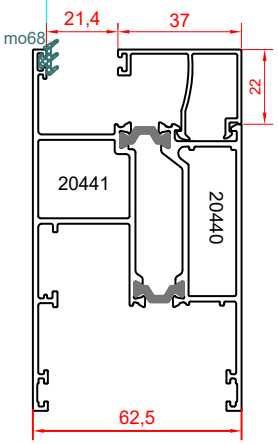
20112
0.293 kg/m



20111
0.312 kg/m

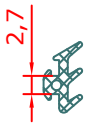


20122
0.352 kg/m

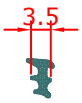


20123
0.376 kg/m

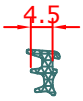
انـدازه ی شیشـــه و زهوار ها -TS143



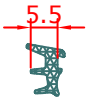
mo68
لاســـتیک شیشـــه
3mm



1002
لاســـتیک شیشـــه
2mm



1008
لاســـتیک شیشـــه
3mm



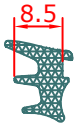
1004
لاســـتیک شیشـــه
4mm



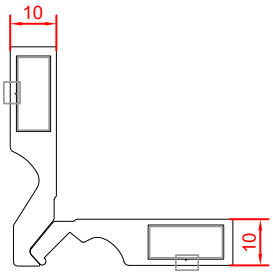
1005
لاســـتیک شیشـــه
5mm



1006
لاســـتیک شیشـــه
6mm



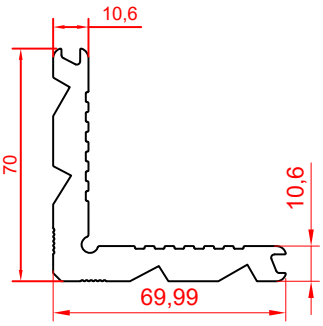
1007
لاســـتیک شیشـــه
7mm



code : 172

PC B10

قابـــل تولیـــد در انـدازه‌های مختلـف

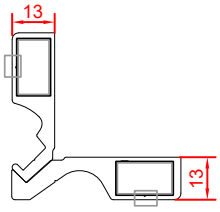


code :CJ111

گونیـــا پـــانچی

corner cleat

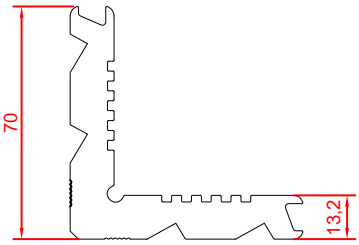
weight: 3.31 kg/m



code : 178

PC B13

قابـــل تولیـــد در انـدازه‌های مختلـف

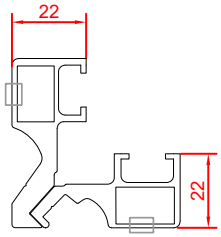


code :CJ 113

گونیـــا پـــانچی

corner cleat

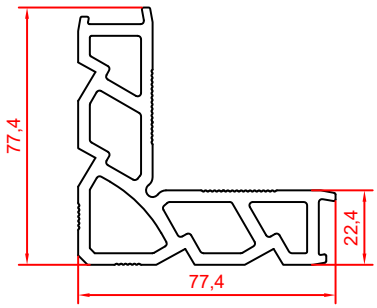
weight 4.03kg/m



code : 170

PC B22

قابـــل تولیـــد در انـدازه‌های مختلـف

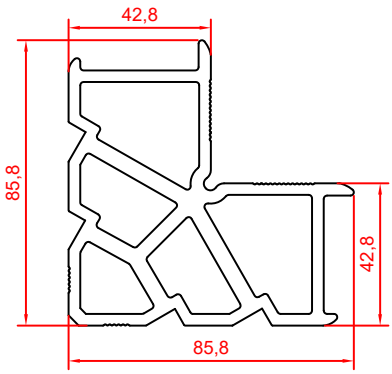


code : CJ119

گونیـــا پـــانچی

corner cleat

weight: 3.610 kg/m



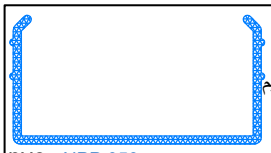
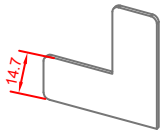
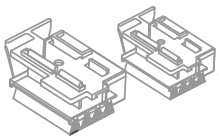
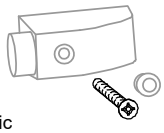
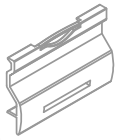
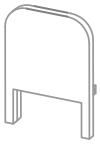
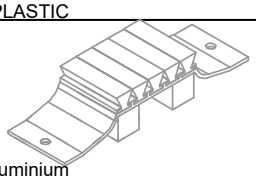
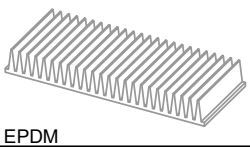
code : CJ116

گونیـــا پـــانچی

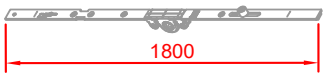
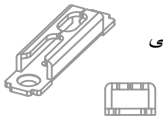
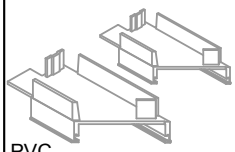
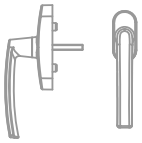
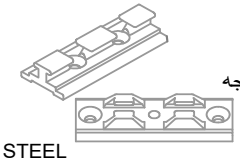
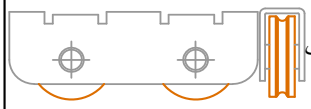
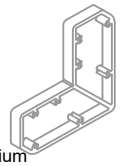
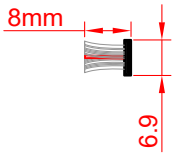
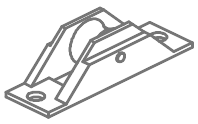
corner cleat

weight :4.641 kg/m

لیســـت یـراق آلات

 code : 51064 پـی وی سـی ایزولاســـیون فـــریم *frame isolation gasket* pvc NPP 353	 code :51969 گونیـــا پلاســـــتیکی باریـــک *sash alignment corner* POLYAMID
 code : 51999 پـی وی سـی اینـــترلاک *central locking sealing gasket* pvc NPP 354	 code :51932 گونیـــا پلاســـــتیکی پهـن *sash alignment corner* POLYAMID
 code : 51990 لاســـتیک لیفـــت اســـلاید لنگـــه *sash gasket* EPDM	 MM5 گونیـــای فلـــزی روکـوب *border alignment corner* galvanized
 code : 53148 لاســـتیک ریـل فـــریم *Gasket for frame rails* EPDM	 code :60041 درپـوش پروفیـــــل وسط چهار لنگـــه *MEETING STILE CAP* POLYAMID
 لاســـتیک لنگـــه تـوری *fly screen gasket* EPDM	 code :51934 اســـتوپر بـــیرونی *rear stoper* plastic
 یـراق لیفـــت اســـلاید 300 کیلوگـــرم *300kg lift&slidind mechanism*	 code :51933 لـرزه گـیر لنگـــه بازشـــو *SASH STABILIZATION SPACER* POLYAMID
 code :46960 اســـتوپر یـراق لیفـــت اســـلایدینگ *Shock absorber for sash for lift &slide* EPDM	 code :60163 درپـوش پلاســـــتیکی اینـــترلاک *Top and bottom interlock profile cap* POLYAMID
 درپـوش تخلیـــه اب *water recekt cover* PLASTIC	 code :53013 ثابـــت کننـــده الومنیومـــی *sash fixing*
 گردگـــیر الومنیومـــی *central sealing top* aluminium	 code : S450-100 گردگـــیر لاســـتیکی *central sealing buttom* EPDM

لیســـت یـراق آلات

code :60019 لاســـتیک کنـــج 90 درجه *corner adapter gasket*  EPDM	اســـــپانیولت یـو پـی وی سـی *multi point lock* 
code : 60018 لاســـتیک کنـــج 90 درجه *corner adapter gasket*  EPDM	مقـــابلی قفـــل اســـــپانیولت یـو پـی وی سـی *muti point lock striker* 
code : 60020 درپـوش پلاســـــتیکی اداپتـــور کنـــج *corner adapte end cap*  PVC	دســـــتگیره اســـــپانیولت یـو پـی وی سـی *multi point lock handle* 
code : 60021 قفـــل لیفـــت اســـلاید کنـــج 90 درجه *Corner steel locking point*  STEEL	code : 53126 بلبرینـــــگ کشـــویی معمولـی 300 کیلوگـــــرم *Steel double roller 300kg*  STEEL
code : 60053 گونیـــــای فـــریم بـرای نصـب کنـــج 90 درجه *Crimp cleat with pre-tapped*  aluminium	code :620-69-108 800 مویـی *brush No 8for frame* 
دســـــتگیره ی لنگـــه تـوری *screeninig handle*  aluminium	بلبرینـــــگ تـوری ریلـی *fly screen roller* 

SMT143

درب و پنجره کشویی

مونوریل ترمال بریک

مشخصـــات سیســـــتم

- سیستم ترمال بریک لیفت اسلاید با امکان نصب یراق لیفت اسلاید
- و کشویی معمولی تا وزن ٤٠٠ کیلو گرم
- اندازه عرض فریم : ۱۳۷ میلیمتر
- اندازه ارتفاع فریم : ۵۰/۵ میلیمتر
- اندازه عرض لنگه : ٦۲/۵ میلیمتر
- اندازه ارتفاع لنگه : ۱۰٦/۵ میلیمتر
- اندازه پهنای لنگه در اینترلاک : ۱۱٤/٤ میلیمتر
- اندازه پلی امید فریم : ۲۰ میلیمتر
- اندازه پلی امید لنگه : ۱٤/۸ میلیمتر
- اندازه ضخامت شیشه : ۱٤ _ ۵۰ میلیمتر
- سیستم دارای گواهینامهی ift rosen heim
- نمای پروفیل تخت و صاف
- ضخامت دیواره ی پروفیل : ۱/٤ _ ۲ میلیمتر
- امکان نصب بازشو کنج۹۰ درجه
- مقاومت در اتلاف انرژی : U_f=3.2-5.7 W/m^2K
- مناسب برای بازشو های با اندازه بزرگ

202

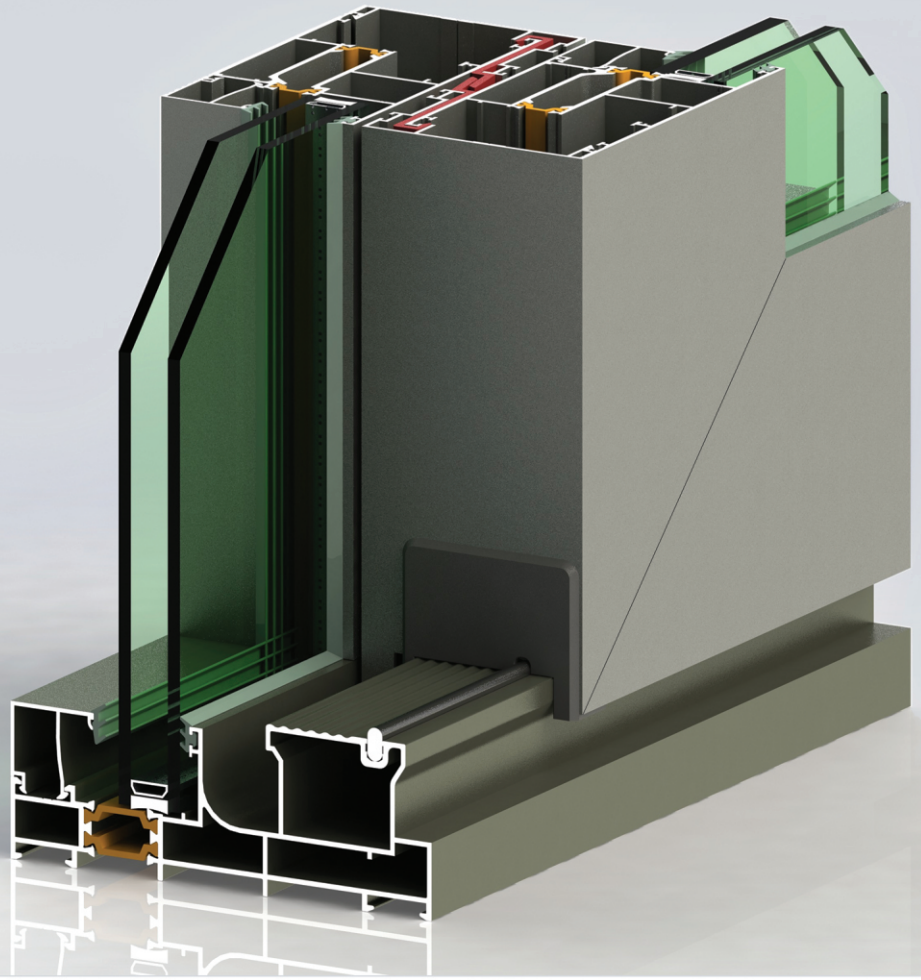
SMT143

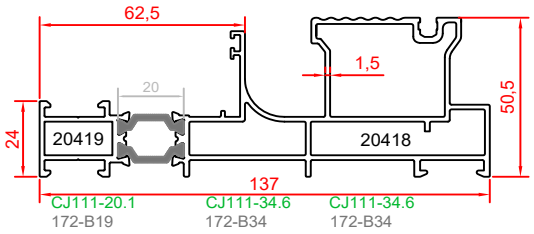
Thermal Break Monorail

Sliding Door & Window

Lift & Slide

- Product code: SMT143
- Frame width: 137 mm
- Sash width: 62.5 mm
- Wall thickness: 1.5-1.7 mm
- Glass thickness: 14 to 49 mm
- Polyamide size: 14.8-18-20 mm
- Appearance: Flat and smooth from the outside and inside
- Type of corner fixture: Punch punches and Allen punches in the frame
- EPDM identification and sealing gaskets
- Possibility to install European fittings Lift and slide 300 kg
- Type of opening: lift and slide - Normal sliding





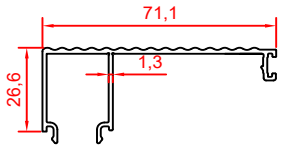
20418-20419

فـــریم مونوریـــل

Mono rail frame profile

2.525 kg/m

Jx=152.7 cm^4
Jy=20.6 cm^4

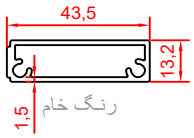


20479

درپـــوش فـــریم مونوریـــل

frame cover

0.603 kg/m

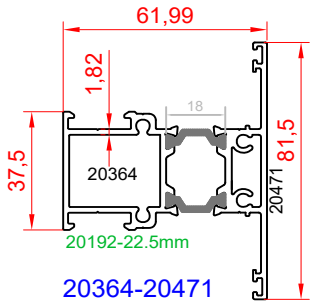


20191

لقمـــه ی ســـپری

mullion joint profile

0.515 kg/m



20364-20471

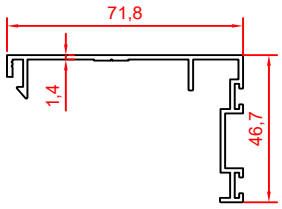
ســـپری دو طرف شیشـــه

T profile

1.939 kg/m

Jx=27.12 cm^4

Jy=18.83 cm^4



20476

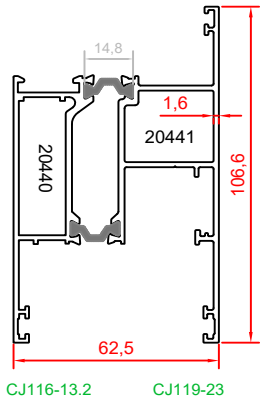
درپـــوش لنگـــه

interlock profile

0.701 kg/m

Jx=5.92 cm^4

Jy=16.98cm^4



20440-20441

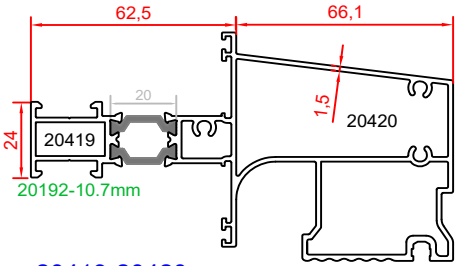
پروفیـــــل لنگـــه

sash profile

2.216 kg/m

Jx=42.92 cm^4

Jy=55.18 cm^4



20419-20420

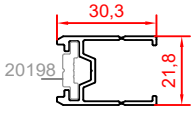
پروفیـــــل کتیبـــــه ی مونـو ریـل

Upper fix frame profile

2.661 kg/m

Jx=138.4 cm^4

Jy=32.16 cm^4

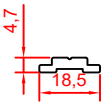


20188

اداپتـــور دســـتگیره اهرمی
واســـــپانیولت یـو پـی وی سـی لنگـــه ی

handle adapter profile

0.390 kg/m

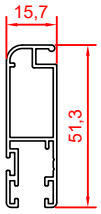


20198

تســمه دســـــتگیره اهرمی

Rod profile

0.160 kg/m



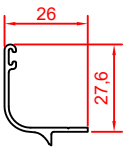
CJ119-13

20144

لنگـــه تـــوری کشـــــویی

fly screen profile

0.501 kg/m

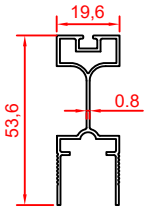


20169

ریـل تـوری کشـــــویی

fly screen rail profile

0.231 kg/m

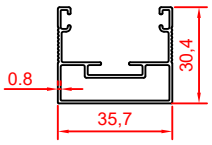


20193

لنگـــه بازشـــو تـــوری پلیســـــه

fly screen sash pr

0.380 kg/m

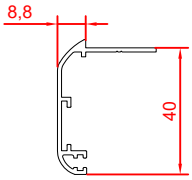


20194

فـــریم تـــوری پلیســـــه

flyscreen frame pr

0.360 kg/m

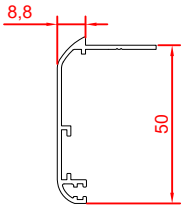


20093

پروفیـــــل روکـوب 40

border profile

0.361 kg/m

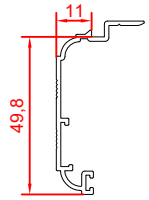


20092

پروفیـــــل روکـوب 50

border profile

0.398 kg/m



20099

روکـوب شـیار دار 50

border profile

0.394 kg/m

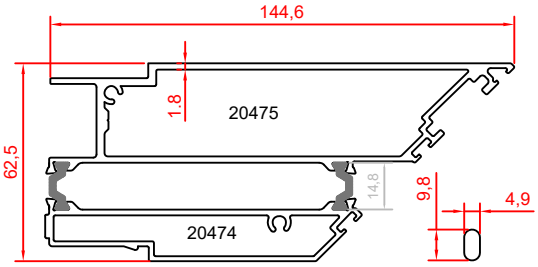


20141

وسـط چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m



20474-20475

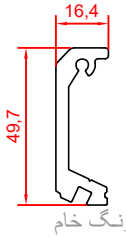
آداپتـــور کنـــج بازشـــو 90درجه

Corner adapter profile

3.301 kg/m

Jx=50.67 cm^4

Jy=201.30 cm^4



رنـگ خام

20166

پروفیـــــل ریـل فـــریم

rail profile

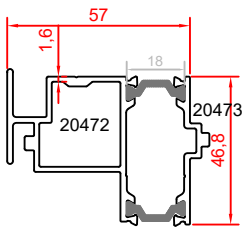
0.124 kg/m

20192

کـــــانکتور نصـب ســپری

T joint

0.92 kg/m



20472-20473

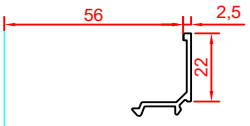
اداپتـــور وسـط چهار لنگـــه

sash invertion profile

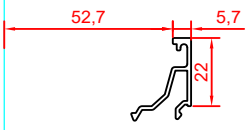
1.60 kg/m

Jx=22.98 cm^4

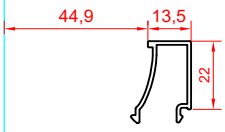
Jy=12.88 cm^4



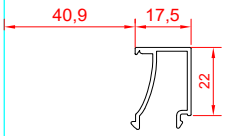
20118
0.186 kg/m



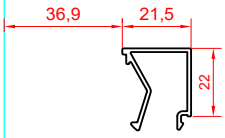
20117
0.234 kg/m



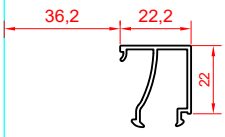
20119
0.249 kg/m



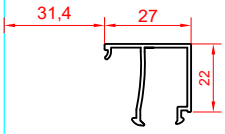
20115
0.265 kg/m



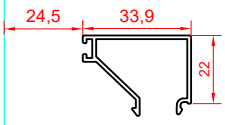
20114
0.287 kg/m



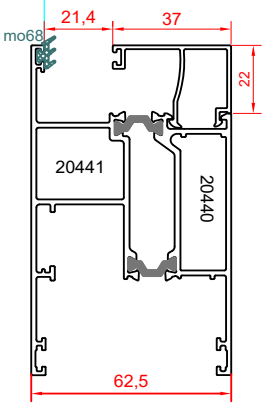
20112
0.293 kg/m



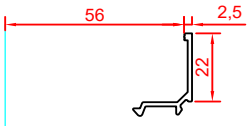
20111
0.312 kg/m

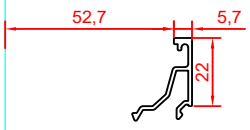


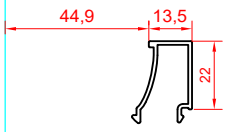
20122
0.352 kg/m

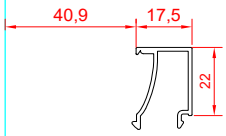


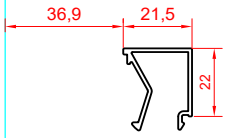
20123
0.376 kg/m

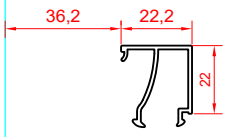


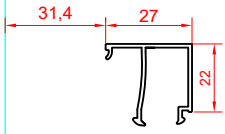


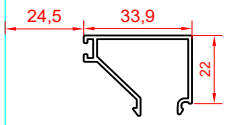


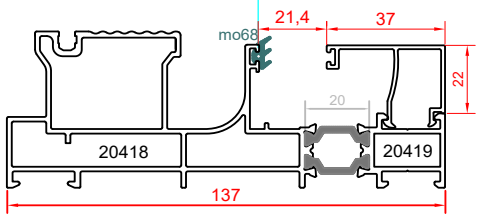


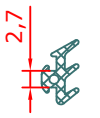












mo68
لاستیک شیشه
3mm



1002
لاستیک شیشه
2mm



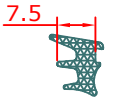
1008
لاستیک شیشه
3mm



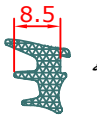
1004
لاستیک شیشه
4mm



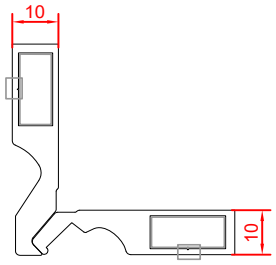
1005
لاستیک شیشه
5mm



1006
لاستیک شیشه
6mm



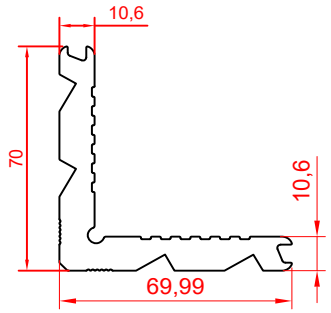
1007
لاستیک شیشه
7mm



code : 172

PC B10

قابـــل تولیـــد در انـدازه های مختلـف

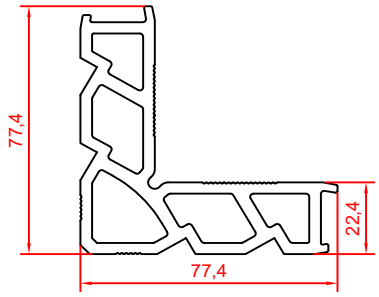


code :CJ111

گونیـــا پـــانچی

corner cleat

weight: 3.31 kg/m

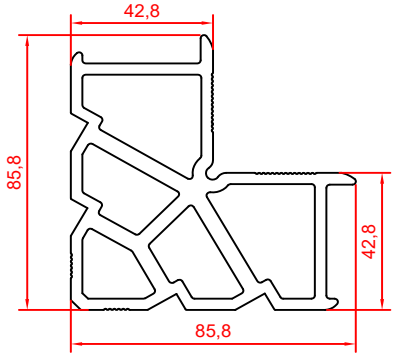


code : CJ119

گونیـــا پـــانچی

corner cleat

weight: 3.610 kg/m



code : CJ116

گونیـــا پـــانچی

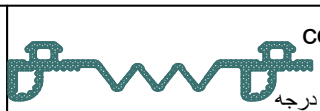
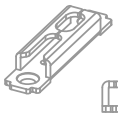
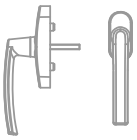
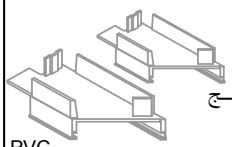
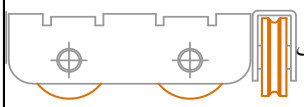
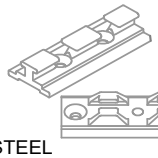
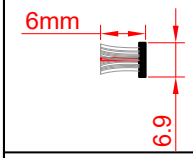
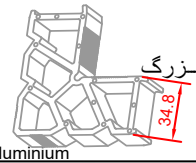
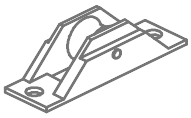
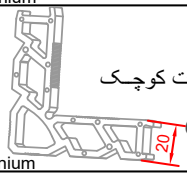
corner cleat

weight :4.641 kg/m

لیســـت یـراق آلات

code : 51999 پـی وی سـی اینـــترلاک *central locking sealing gasket* pvc NPP 354	code :51969 گونیـــا پلاســـــتیکی باریـــک *sash alignment corner* POLYAMID
code : 60093 لاســـتیک فـــریم مونـو ریـل *monorail frame gasket* EPDM	code :51932 گونیـــا پلاســـــتیکی پهـن *sash alignment corner* POLYAMID
code : 51990 لاســـتیک لیفـــت اســـلاید لنگـــه *sash gasket* EPDM	MM5 گونیـــای فلـــزی روکـوب *border alignment corner* galvanized
code : 53148 لاســـتیک ریـل فـــریم *Gasket for frame rails* EPDM	code :60041 درپـوش پروفیـــــل وسط چهار لنگـــه *MEETING STILE CAP* POLYAMID
لاســـتیک لنگـــه تـوری *fly screen gasket* EPDM	code :51934 اســـتوپر بـــیرونی *rear stoper* plastic
یـراق لیفـــت اســـلاید 300 کیلوگـــــرم *300kg lift&slidind mechanism*	code :51933 لـرزه گـــیر لنگـــه بازشـــو *SASH STABILIZATION SPACER* POLYAMID
code :46960 اســـتوپر یـراق لیفـــت اســـلایدینگ *Shock absorber for sash for lift &slide* EPDM	code :60163 درپـوش پلاســـــتیکی اینـــترلاک *Top and bottom interlock profile cap* POLYAMID
درپـوش تخلیـــه اب *water recekt cover* PLASTIC	code :53013 ثابـــت کننـــده الومنیومـــی *sash fixing* 20189 53013
گردگـــیر الومنیومـــی *central sealing top* aluminium	code : S450-100 گردگـــیر لاســـــتیکی *central sealing buttom* EPDM

لیســـت یـراق آلات

اســـــپانیولت یـو پـی وی سـی 1800 *multi point lock*	code :60019  لاســـتیک کنـــج 90 درجه EPDM *corner adapter gasket*
 مقـــابلی قفـــل اســـــپانیولت یـو پـی وی سـی *muti point lock striker*	code : 60018  لاســـتیک کنـــج 90 درجه EPDM *corner adapter gasket*
 دســـــتگیره اســـــپانیولت یـو پـی وی سـی *multi point lock handle*	 code : 60020 درپـوش پلاســـــتیکی اداپتـــور کنـــج PVC *corner adapte end cap*
 code : 53126 بلبرینـــــگ کشـــویی معمولـی 300 کیلوگـــرم STEEL *Steel double roller 300kg*	 code : 60021 قفـــل لیفـــت اســـلاید کنـــج 90 درجه STEEL *Corner steel locking point*
 6mm 6.9 code :620-69-106 800 مویـی *brush No 8for interlock*	 code : CJ120-10.6mm گونیـــای فـــریم کنـــج 90 درجه- سمت بـزرگ 34.8 aluminium *Crimp cleat with pre-tapped*
 بلبرینـــــگ تـوری ریلـــی *fly screen roller*	 code : CJ127-10.6mm گونیـــای فـــریم کنـــج 90 درجه- سمت کوچـک 20 aluminium *Crimp cleat with pre-tapped*
 دســـــتگیره ی لنگـــه تـوری aluminium *screeninig handle*	

ST115

پنجره کشویی

معمولی ترمال بریک

مشخصـــات سیســـــتم

- سیستم ترمال بریک لیفت اسلاید با امکان نصب یراق لیفت اسلاید
- و کشویی معمولی تا وزن ۲۰۰ کیلو گرم
- اندازه ی عرض فریم : ۱۱۴/۵ میلیمتر
- اندازه ی ارتفاع فریم : ۴۵ میلیمتر
- اندازه ی عرضه لنگه : ۴۵ میلیمتر
- اندازه ی ارتفاع لنگه : ۸۶/۳ میلیمتر
- اندازه ی پهنای لنگه در اینترلاک : ۹۶ میلیمتر
- اندازه پلی امید فریم : ۲۴ میلیمتر
- اندازه پلی امید لنگه : ۱۶ - ۱۲ میلیمتر
- اندازه ی ضخامت شیشه : ۸ - ۳۰ میلیمتر
- سیستم دارای گواهینامه ift rosen heim
- دارای فریم تک ریل - مونوریل - دو ریل - سه ریل
- نمای پروفیل تخت و صاف
- ضخامت دیواره ی پروفیل : ۱/۴ - ۲ میلیمتر
- مقاومت در اتلاف انرژی : U_f=3.2-5.7 W/m^{2}K

203

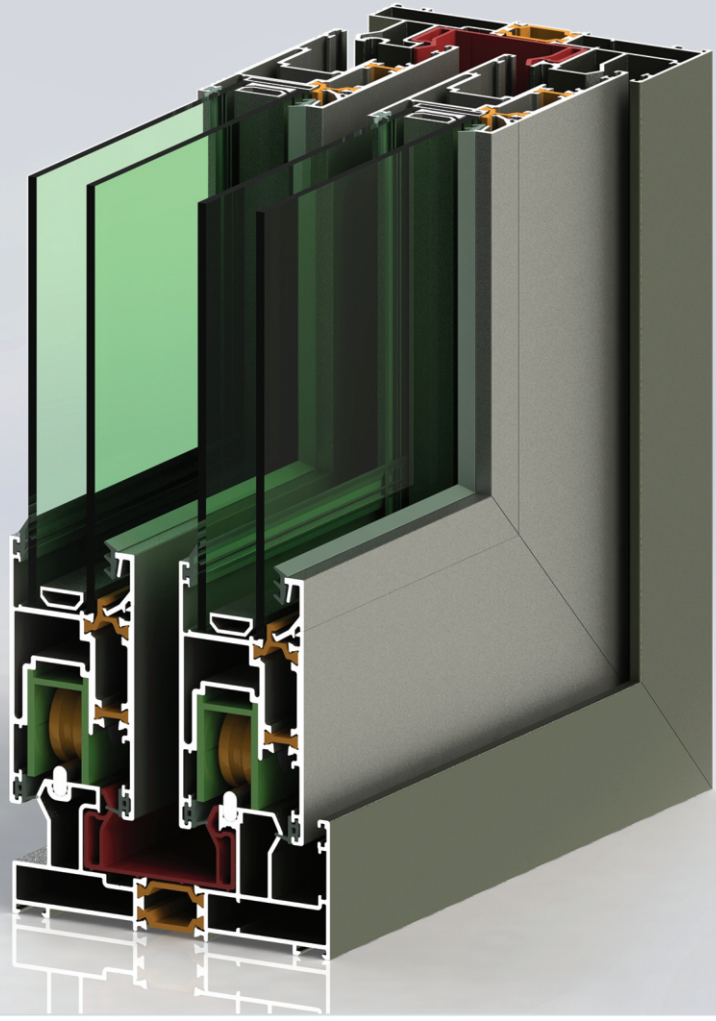
ST115

Thermal Break

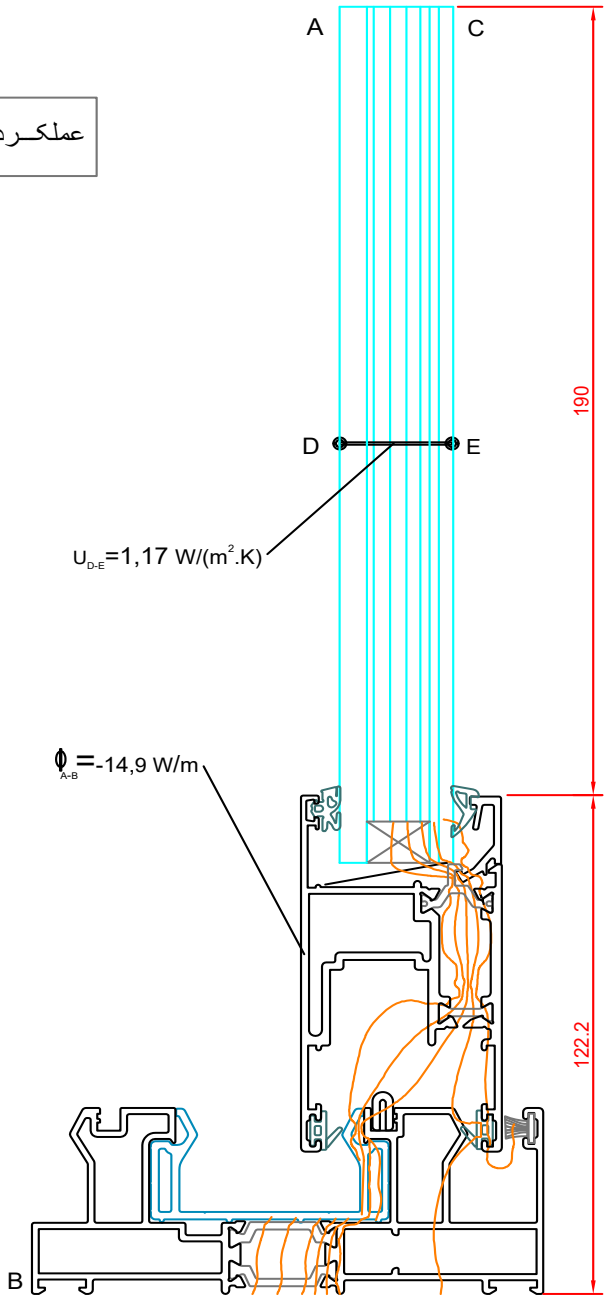
Sliding Window

Lift & Slide

- Product code : ST115
- Frame width : 115 mm
- Sash width : 45 mm
- Wall thickness : 1.5-1.7 mm
- Glass thickness : 24 mm
- Polyamide size : 12-16-24 mm
- Thermal conductivity : Uf:3.6-4.4w/m2k

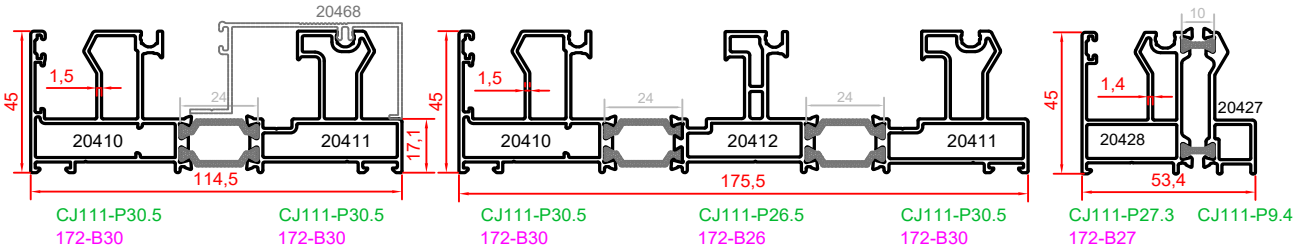


عملکـرد ترمـال بریـــک سیســـــتم



Values in accordance with EN ISO 10077-2

$$U_{fF}=\frac{\frac{\Phi}{\Delta T}-U_p.b_p}{b_f}=\frac{\frac{-14,863}{-20,000}-1,169.0,190}{0,122}=4,26\ W/(m^2.K)$$



20410-20411

پروفیـــــل فـــریم

frame profile

2.254 kg/m

Jx=103.34 cm^4

Jy=16.66 cm^4

20410-20412-20411

پروفیـــــل فـــریم سه ریـل

3 Rail frame profile

3.436kg/m

Jx=357.02 cm^4

Jy=25.08 cm^4

20427-20428

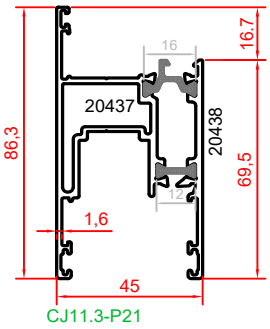
فـــریم تـک ریـل پشـــت دیـوار

frame profile

weight :1.480kg/m

Jx=11.79 cm^4

Jy=11.53 cm^4



20437-20438

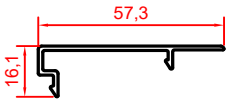
پروفیـــــل لنگـــه

Sash profile

1.695 kg/m

Jx=19.72 cm^4

Jy=25.02 cm^4



20466

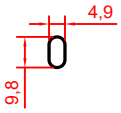
پروفیـــــل اینـــــترلاک

Interlock profile

0.357 kg/m

Jx=0.19 cm^4

Jy=3.84 cm^4

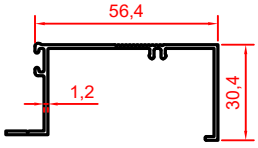


20166

پروفیـــــل ریـل فـــریم

Rail profile

0.124 kg/m

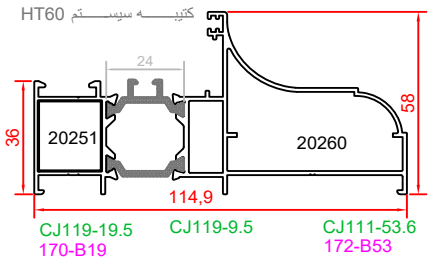


20468

کـاور فـــریم

Cver profile

0.511 kg/m

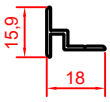


20251-20260

پروفیـــــل کتیبـــــه

frame profile

1.792 kg/m

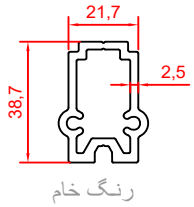


20174

مـــابین دو فـــریم

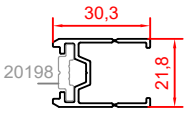
between two frame

0.126 kg/m



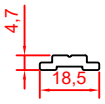
20204

ثابت کننده و آداپتورمونو ریل
fixing profile
0.980 kg/m



20188

اداپتور دستگیره اهرمی و اسپانیولت یو پی وی سی لنگه ی
handle adapter profile
0.390 kg/m



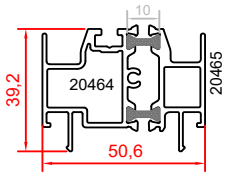
20198

تسمه دستگیره اهرمی
Rod profile
0.160 kg/m



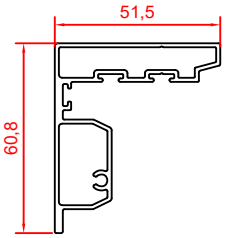
20205

اداپتور یراق لیفت
accesory adapter
0.140 kg/m



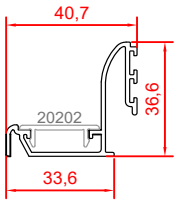
20464-20465

اداپتور وسط چهار لنگه
sash invertion profile
1.251 kg/m
Jx=10.40 cm^4
Jy=5.65 cm^4



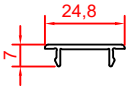
20467

آداپتور سه لنگه وسط بازشو
fixing profile
1.005 kg/m



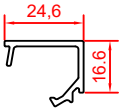
20201

اداپتور فریم تک ریل
Single frame adapter
0.361 kg/m



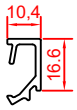
20202

اداپتور فریم تک ریل
Single frame adapter
0.140 kg/m



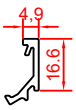
20127

10mm زهوار شیشه
Glazing bid
0.290 kg/m



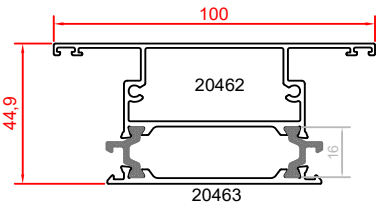
20121

24mm زهوار شیشه
Glazing bid
0.212 kg/m



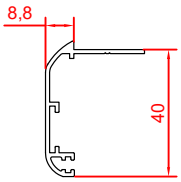
20126

30mm زهوار شیشه
Glazing bid
0.190 kg/m



20462-20463

پروفیل سپری
T profile
1.636 kg/m
Jx=16.68 cm^4
Jy=39.47 cm^4

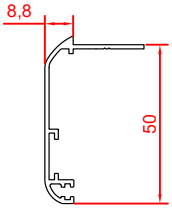


20093

پروفیـــل روکـوب 40

border profile

0.361 kg/m

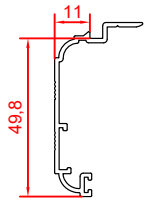


20092

پروفیـــل روکـوب 50

border profile

0.398 kg/m

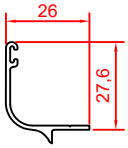


20099

پروفیـــل روکـوب شـیار دار 50

border profile

0.394 kg/m

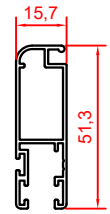


20169

ریـل تـوری کشـــویی

fly screen rail profile

0.231 kg/m



CJ119-13

20144

لنگـــه تـوری کشـــویی

fly screen profile

0.502 kg/m

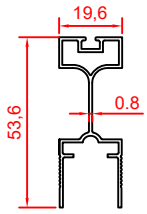


20141

وسـط چهار لنگـــه تـوری

adjoing for fly screen

0.149 kg/m

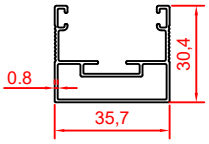


20193

لنگـــه بازشـــو تـوری پلیســـه

fly screen sash pr

0.380 kg/m

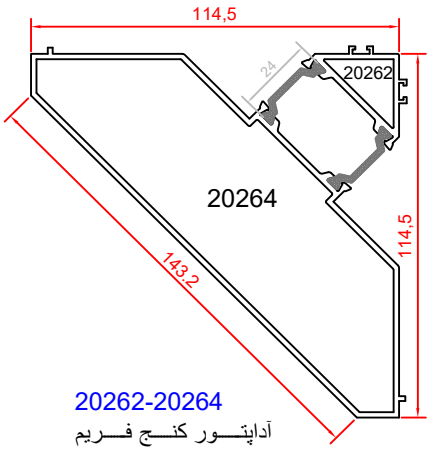


20194

فـــریم تـوری پلیســـه

flyscreen frame pr

0.360 kg/m

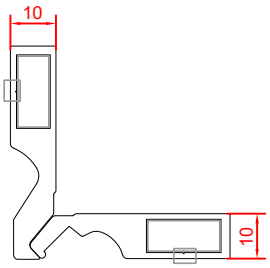


20262-20264

آداپتـــور کنـــج فـــریم

corner adapter for frame

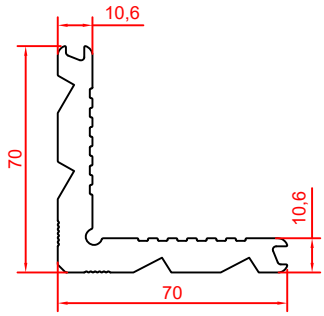
2.700 kg/m



code : 172

PC B10

قابـل تولیـــد در انـدازه‌های مختلـف

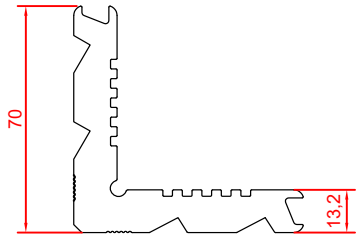


code :CJ111

گونیـــا پـــانچی

corner cleat

weight: 3.31 kg/m



code :CJ 113

گونیـــا پـــانچی

corner cleat

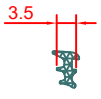
weight : 4.03kg/m



mo68

لاســـتیک بـــیرونی شیشـــه

3mm



1002

لاســـتیک شیشـــه

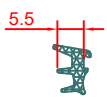
2mm



1008

لاســـتیک شیشـــه

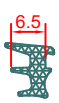
3mm



1004

لاســـتیک شیشـــه

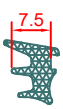
4mm



1005

لاســـتیک شیشـــه

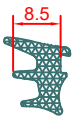
5mm



1006

لاســـتیک شیشـــه

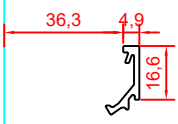
6mm



1007

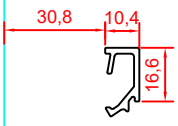
لاســـتیک شیشـــه

7mm



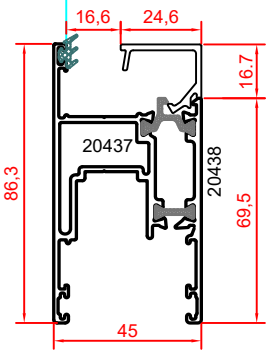
20126

0.190 kg/m



20121

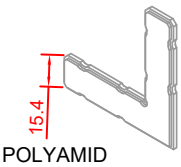
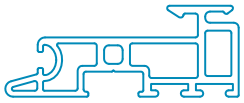
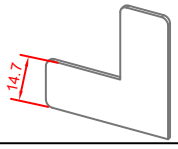
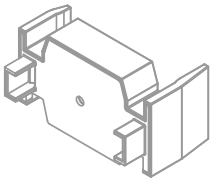
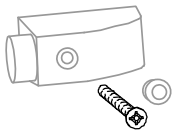
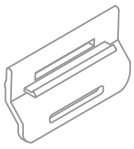
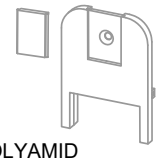
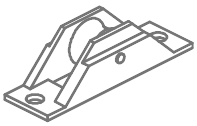
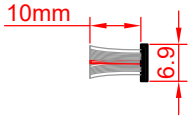
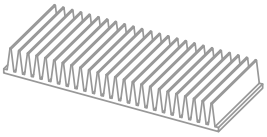
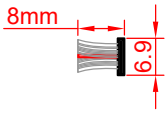
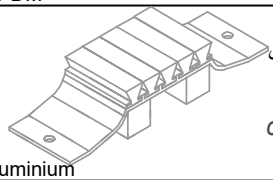
0.212 kg/m



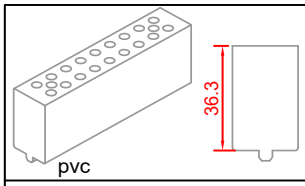
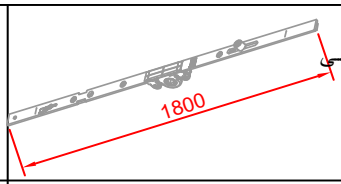
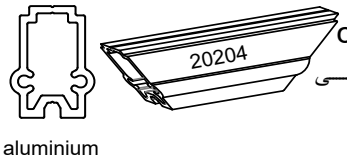
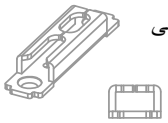
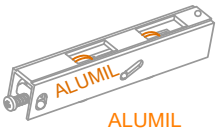
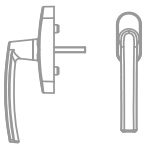
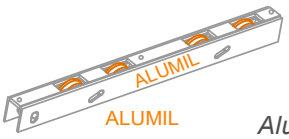
20127

0.290 kg/m

لیســـت یـراق آلات

 npp900 code : 60027 پـی وی سـی ایزولاســـیون فـــریم *frame isolation gasket*	 POLYAMID code :60030 گونیـــا پلاســـــتیکی *sash alignment corner*
 npp901 code : 60028 پـی وی سـی اینـــترلاک *central locking sealing gasket*	 MM5 گونیـــای فلـــزی روکـوب *border alignment corner*
 EPDM code :60031 لاســـتیک اینـــترلاک *interlock gasket*	 code :60025 درپـوش پروفیـــل وسـط چهار لنگـــه *MEETING STILE CAP*
 EPDM code : 51990 لاســـتیک لیفـــت اســـلاید لنگـــه *sash gasket*	 plastic code :51934 اســـتوپر بـــیرونی *rear stoper*
 EPDM code : 53148 لاســـتیک ریـل فـــریم *Gasket for frame rails*	 POLYAMID code :52403 لـرزه گـــیر لنگـــه بازشـــو *SASH STABILIZATION SPACER*
 EPDM لاســـتیک لنگـــه تـوری *fly screen gasket*	 POLYAMID code :60026 درپـوش پلاســـــتیکی اینـــترلاک *Top and bottom interlock profile cap*
 بلبرینـــــگ تـوری ریلـــی *fly screen roller*	 PLASTIC درپـوش تخلیـــه اب *water recekt cover*
 code :620-69-110 مویـی لنگـــه در کشـــویی معمولـی *brush No 10for sliding sash*	 EPDM code : S450-100 گردگـــیر لاســـــتیکی *central sealing buttom*
 code :620-69-108 اینـــترلاک800مویـی *brush No 8for interlock*	 aluminium گردگـــیر الومنیومـــی *central sealing top*

لیســـت یـراق آلات

 code :60029 ثابـــت کننـــده ی ترمـال *Sash fixing*	 اســـــپانیولت یـو پـی وی سـی *multi point lock*
 code :20204 ثابـــت کننـــده الومنیومـــی *sash fixing*	 مقـــابلی قفـــل اســـــپانیولت یـو پـی وی سـی *muti point lock striker*
 code : 60039 130 kg بلبرینـــــگ *Aluminium double roller 130kg*	 دســـــتگیره اســـــپانیولت یـو پـی وی سـی *multi point lock handle*
 code : S450-1014 260 kg بلبرینـــــگ *Aluminium quad roller 260kg*	
 یـراق لیفـــت اســـلاید 200kg GU-STACK-SIGENIA *200kg lift&slidind mechanism*	
 code :46960 اســـــتوپر یـراق لیفـــت اســـــلایدینگ *Shock absorber for sash for lift &slide* EPDM	

SMT115

پنجره کشویی

مونوریل ترمال بریک

مشخصـــات سیســـــتم

- سیستم ترمال بریک لیفت اسلاید با امکان نصب یراق لیفت اسلاید
- و کشویی معمولی تا وزن ۲۰۰ کیلو متر
- اندازه ی عرض فریم : ۱۰۶ میلیمتر
- اندازه ی ارتفاع فریم : ۴۵ میلیمتر
- اندازه ی عرضه لنگه : ۴۵ میلیمتر
- اندازه ی ارتفاع لنگه : ۸۶/۳ میلیمتر
- اندازه ی پهنای لنگه در اینترلاک : ۹۶ میلیمتر
- اندازه پلی امید فریم : ۲۴ میلیمتر
- اندازه پلی امید لنگه : ۱۶ - ۱۲ میلیمتر
- اندازه ی ضخامت شیشه : ۸ - ۳۰ میلیمتر
- سیستم دارای گواهینامه ift rosen heim
- دارای فریم تک ریل - مونوریل - دو ریل - سه ریل
- نمای پروفیل تخت و صاف
- ضخامت دیواره ی پروفیل : ۱/۴ - ۲ میلیمتر
- مقاومت در اتلاف انرژی : U_f=3.2-5.7 W/m^{2}K

204

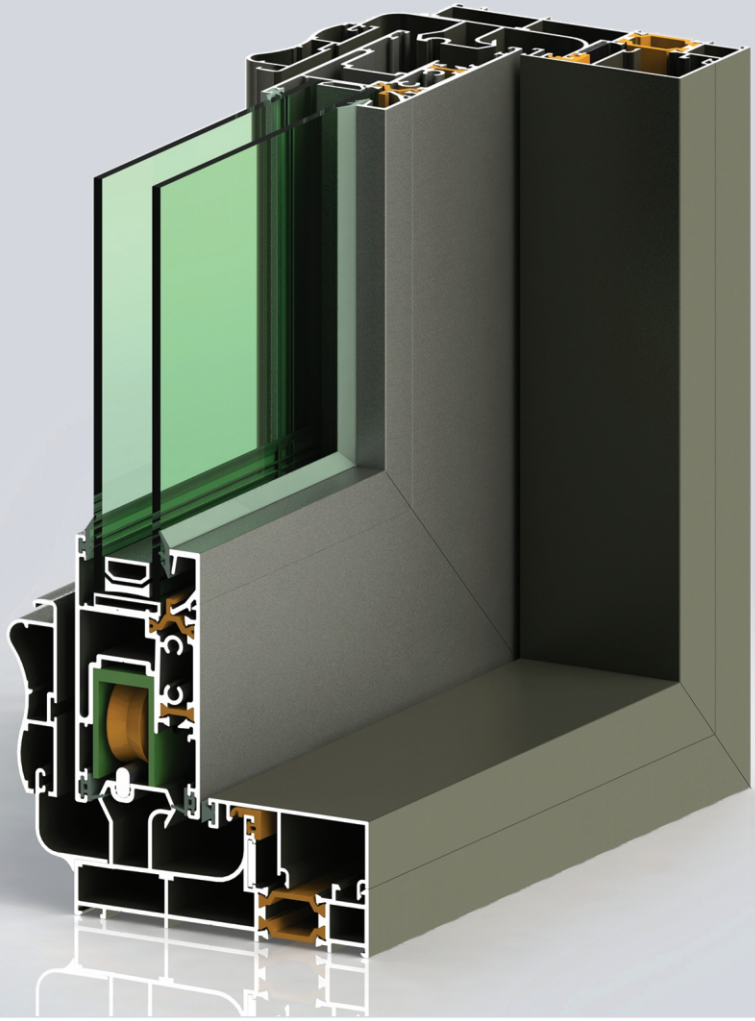
SMT115

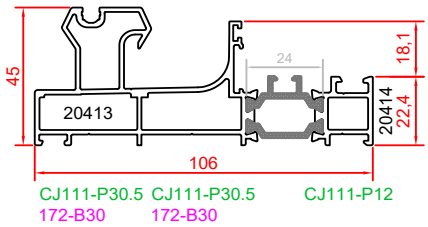
Thermal Break Monorail

Sliding Window

Lift & Slide

- Product code: SMT115
- Frame width: 106 mm
- Sash width: 45 mm
- Wall thickness: 1.5-1.7 mm
- Glass thickness: 24 mm
- Polyamide size: 12-16-24 mm
- Appearance: Flat and smooth from the outside and inside
- Type of corner fixture: Punch punches and Allen punches in the frame
- EPDM identification and sealing gaskets
- Possibility to install European fittings Lift and slide 200 kg
- Type of opening: lift and slide - Normal sliding



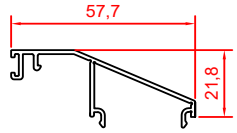


20413-20414

پروفیـــــل ریـل فـــریم

Rail profile

1.813 kg/m

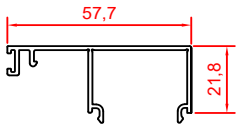


20469

درپـوش عمودی مونوریـل

Frame cover

0.425 kg/m

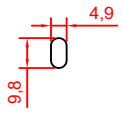


20470

درپـوش افقـــی مونوریـل

Frame cover

0.485 kg/m

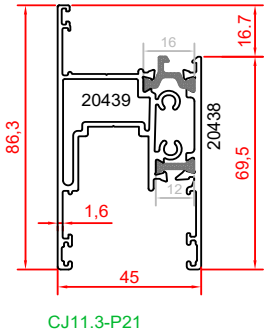


20166

پروفیـــــل ریـل فـــریم

Rail profile

0.124 kg/m



20438-20439

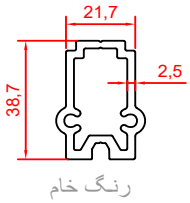
لنگـــه و ســـپری مونوریـــل

Sash profile

1.800 kg/m

Jx=19.72 cm^4

Jy=25.19 cm^4

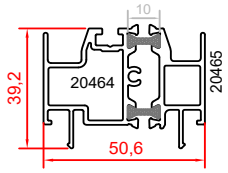


20204

پروفیـــــل ثابـــت کننـــده

fixing profile

0.980 kg/m



20464-20465

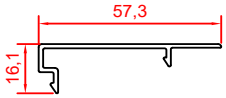
اداپتـــور وسط‌چهار لنگـــه

sash invertion profile

1.251 kg/m

Jx=10.40 cm^4

Jy=5.65 cm^4



20466

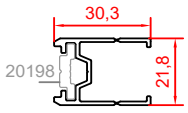
پروفیـــــل اینـــــترلاک

Interlock profile

0.357 kg/m

Jx=0.19 cm^4

Jy=3.84 cm^4

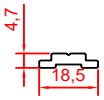


20188

اداپتـــور دســـتگیره اهرمی و
اســـــپانیولت یـو پـی وی سـی لنگـــه ی

handle adapter profile

0.390 kg/m



20198

تســمه دســـــتگیره اهرمی

Rod profile

0.160 kg/m

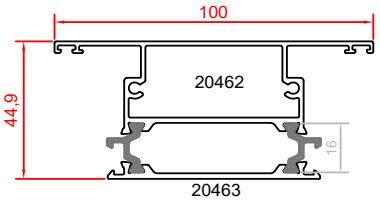


20205

اداپتـــور یـراق لیفـــت

accesory adapter

0.140 kg/m



20462-20463

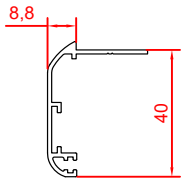
پروفیـــــل ســـپری

T profile

1.636 kg/m

Jx=16.68 cm^4

Jy=39.47 cm^4

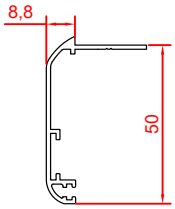


20093

پروفیـــل روکـوب 40

border profile

0.361 kg/m

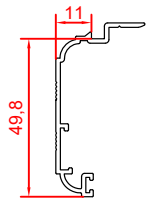


20092

پروفیـــل روکـوب50

border profile

0.398 kg/m

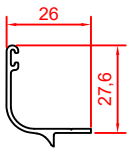


20099

پروفیـــل روکـوب شـیار دار 50

border profile

0.394 kg/m

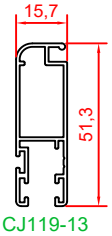


20169

ریـل تـوری کشـــویی

fly screen rail profile

0.231 kg/m



20144

لنگـــه تـوری کشـــویی

fly screen profile

0.502 kg/m

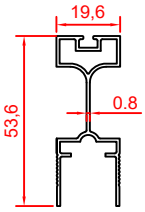


20141

وسط چهار لنگـــه تـوری

adjoing for fly screen

0.149 kg/m

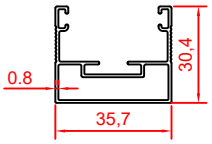


20193

لنگـــه بازشـــو تـوری پلیســـه

fly screen sash pr

0.380 kg/m

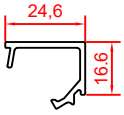


20194

فـــریم تـوری پلیســـه

flyscreen frame pr

0.360 kg/m

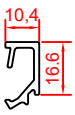


20127

10mm زهوار شیشـــه

Glazing bid

0.290 kg/m

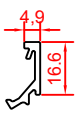


20121

24mm زهوار شیشـــه

Glazing bid

0.212 kg/m

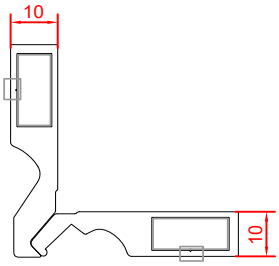


20126

30mm زهوار شیشـــه

Glazing bid

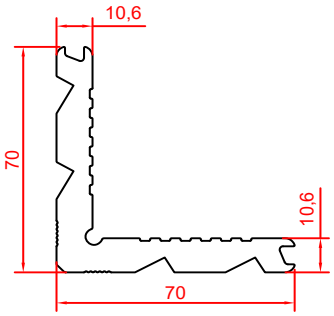
0.190 kg/m



code : 172

PC B10

قابـــل تولیـــد در انـدازه‌های مختلـف

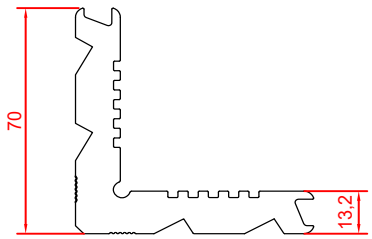


code :CJ111

گونیـــا پـــانچی

corner cleat

3.310 kg/m

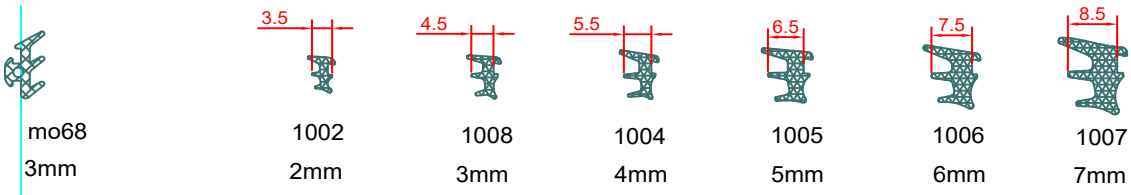


code :CJ 113

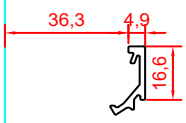
گونیـــا پـــانچی

corner cleat

4.030 kg/m

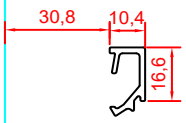


mo68 3mm | 1002 2mm | 1008 3mm | 1004 4mm | 1005 5mm | 1006 6mm | 1007 7mm



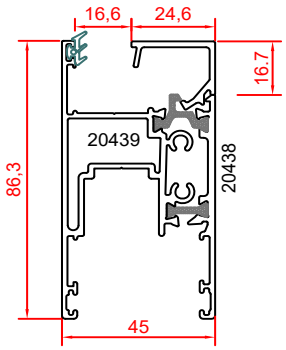
20126

0.190 kg/m



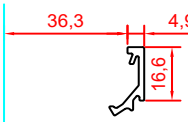
20121

0.212 kg/m



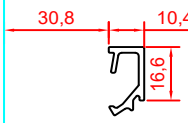
20127

0.290 kg/m



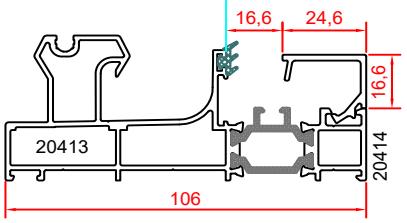
20126

0.190 kg/m



20121

0.212 kg/m

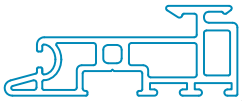
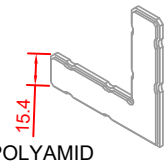
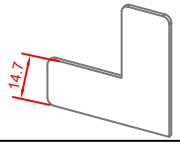
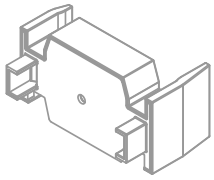
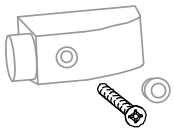
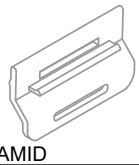
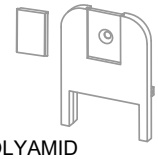
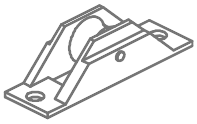
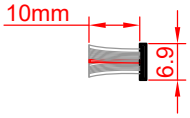
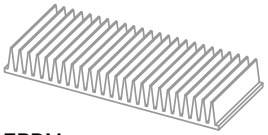
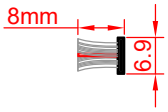
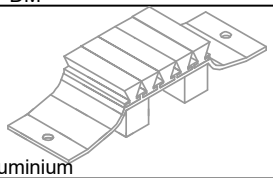


20127

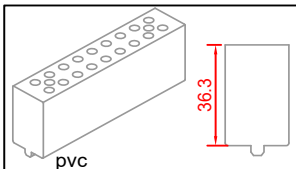
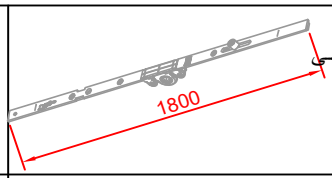
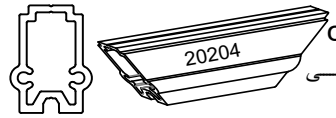
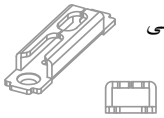
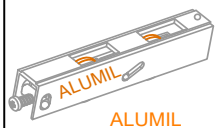
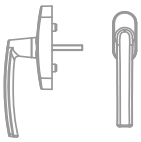
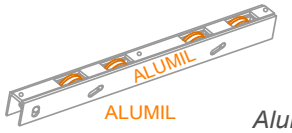
0.290 kg/m

20413-21414

لیســـت یـراق آلات

code : 60028 پـی وی سـی اینـــترلاک central locking sealing gasket  pvc	code :60030 گونیـــا پلاســـــتیکی sash alignment corner  POLYAMID
code : 60093 لاســـتیک فـــریم مونو ریـل Monorail frame gasket  EPDM	MM5 گونیـــای فلـــزی روکـوب border alignment corner 
code :60031 لاســـتیک اینـــترلاک interlock gasket  EPDM	code :60025 درپـوش پروفیـــل وسط چهار لنگـــه MEETING STILE CAP 
code : 51990 لاســـتیک لیفـــت اســـلاید لنگـــه sash gasket  EPDM	code :51934 اســـتوپر بـــیرونی rear stoper  plastic
code : 53148 لاســـتیک ریـل فـــریم Gasket for frame rails  EPDM	code :52403 لـرزه گـــیر لنگـــه بازشـــو SASH STABILIZATION SPACER  POLYAMID
لاســـتیک لنگـــه تـــوری fly screen gasket  EPDM	code :60026 درپـوش پلاســـــتیکی اینـــترلاک Top and bottom interlock profile cap  POLYAMID
بلبرینـــــگ تـــوری ریلـــی fly screen roller 	درپـوش تخلیـــه اب water recekt cover  PLASTIC
code :620-69-110 مویـی لنگـــه در کشـــویی معمولـی brush No 10for sliding sash 	code : S450-100 گردگـــیر لاســـــتیکی central sealing buttom  EPDM
code :620-69-108 اینـــترلاک800مویـی brush No 8for interlock 	گردگـــیر الومنیومـــی central sealing top  aluminium

لیســـت یـراق آلات

 code :60029 ثابـــت کننـــده ی ترمـال *Sash fixing*	 اســـــپانیولت یـو پـی وی سـی *multi point lock*
 code :20204 ثابـــت کننـــده الومنیومـــی *sash fixing*	 مقـــابلی قفـــل اســـــپانیولت یـو پـی وی سـی *muti point lock striker*
 code : 60039 130 kg بلبرینـــــگ *Aluminium double roller 130kg*	 دســـــتگیره اســـــپانیولت یـو پـی وی سـی *multi point lock handle*
 code : S450-1014 260 kg بلبرینـــــگ *Aluminium quad roller 260kg*	
 200kg یـراق لیفـــت اســـلاید GU-STACK-SIGENIA *200kg lift&slidind mechanism*	
 code :46960 اســـــتوپر یـراق لیفـــت اســـــلایدینگ *Shock absorber for sash for lift &slide* EPDM	

ST94

پنجره کشویی

ترمال بریک

مشخصـــات سیســـــتم

- اندازهی عرض فریم : ۹٤ میلیمتر
- اندازهی عرضه لنگه : ۳۸ میلیمتر
- اندازهی ارتفاع لنگه : ۷٦ میلیمتر
- اندازه پلی امید فریم : ۱۸ میلیمتر
- اندازه پلی امید لنگه : ۱۰ - ۲۵ میلیمتر
- بیشترین وزن بازشو : ۱۳۰ kg
- ضخامت دیواره ی پروفیل : ۱/۳ - ۱/۵ میلیمتر
- آببندی و مناسب با نصب لاستیک EPDM
- مقاومت اتلاف انرژی
- مقاومت فشار باد EN۱۳۸۳۰ ۸۰۰Pa
- آببندی EN۱۲۱۵٤ RE۹۰۰Pa
- هوابندی EN۱۲۱۵٤ A٤-٦۰۰ pa

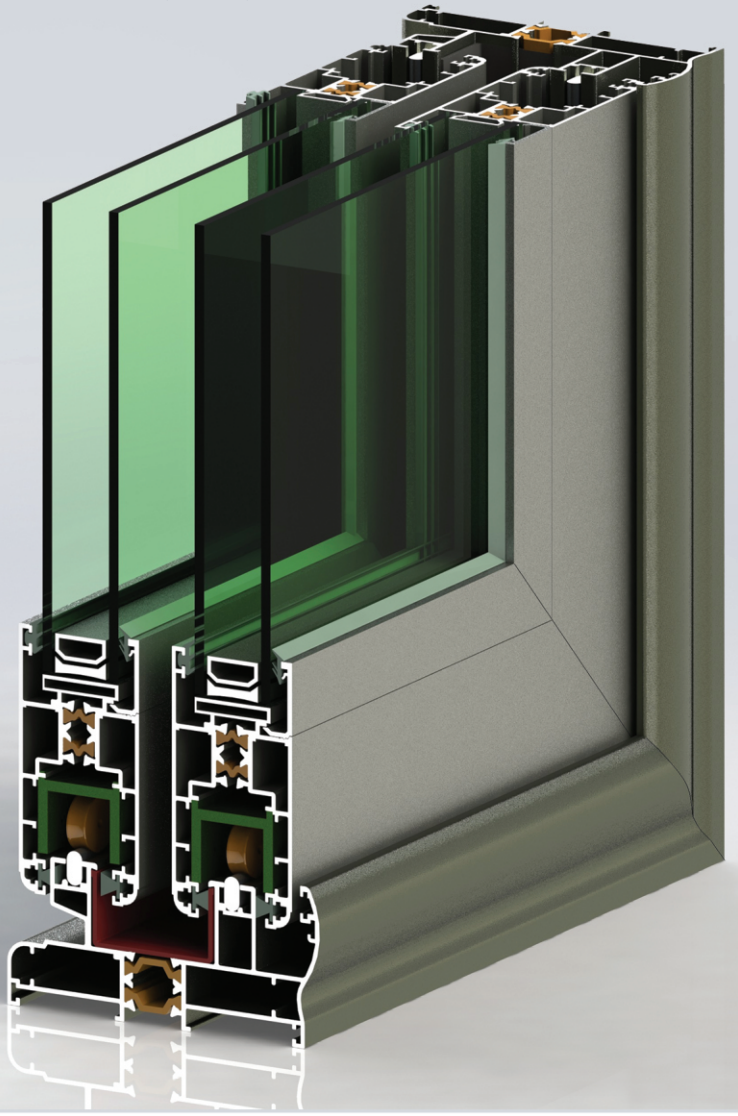
205

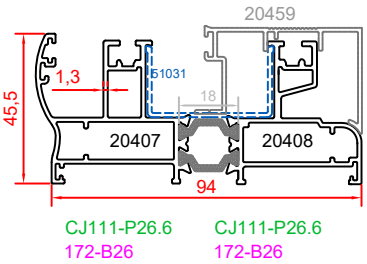
ST94

Thermal Break

Sliding Window

- Product code: ST94
- Frame width: 94 mm
- Sash width: 38 mm
- Wall thickness: 1.4 - 1.3 mm
- Glass thickness: 24-18 mm
- Polyamide size: 10-18-25 mm
- Appearance: Flat and smooth from the outside and inside
- Curved and arched from the outside and inside
- Type of corner fixture: Riveted and Gunia Alni
- EPDM identification and sealing gaskets
- Possibility to install European fittings
- Type of opening: Normal slide 100 kg in Length





20407-20408

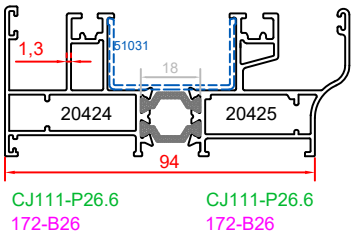
پروفیـــــل فـــریم

frame profile

1.887 kg/m

Jx=51.49 cm^4

Jy=10.75 cm^4



20424-20425

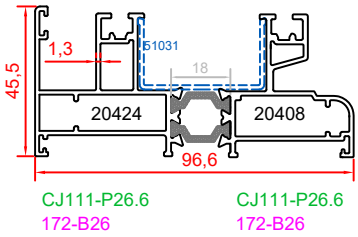
پروفیـــــل فـــریم ریـل تـوری دار

frame profile

1.956 kg/m

Jx=67.43 cm^4

Jy=11.77 cm^4



20424-20408

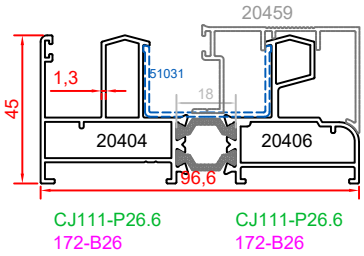
پروفیـــــل فـــریم

frame profile

1.832 kg/m

Jx=54.62 cm^4

Jy=10.31 cm^4



20404-20406

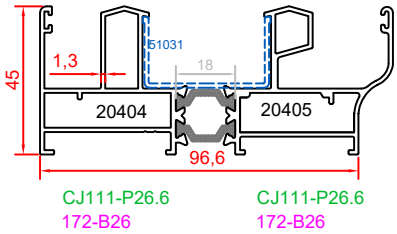
پروفیـــــل فـــریم ریـل تـوری دار

frame profile

1.844 kg/m

Jx=48.15 cm^4

Jy=9.79 cm^4



20404-20405

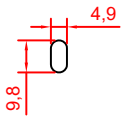
پروفیـــــل فـــریم ریـل تـوری دار

frame profile

1.914 kg/m

Jx=63.72 cm^4

Jy=10.74 cm^4

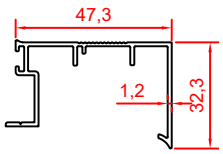


20166

پروفیـــــل ریـل فـــریم

Rail profile

0.124 kg/m

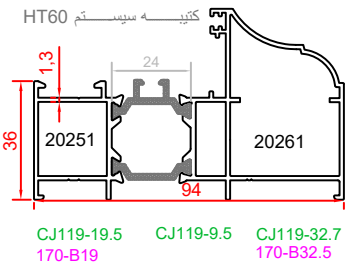


20459

کـاور فـــریم

Cver profile

0.467 kg/m

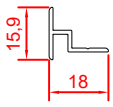


20251-20261

پروفیـــــل کتیبـــــه ی دو ریـل

frame profile

1.750 kg/m

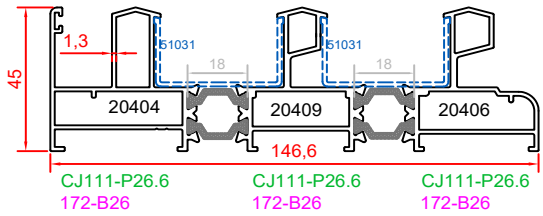


20174

مـــابین دو فـــریم

between two frame

0.126 kg/m



20404-20409-20406

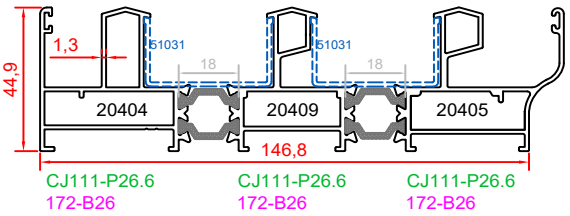
فـــریم سه ریـل

3 rail frame profile

2.590 kg/m

Jx=158.8 cm^4

Jy=13.26 cm^4



20404-20409-20405

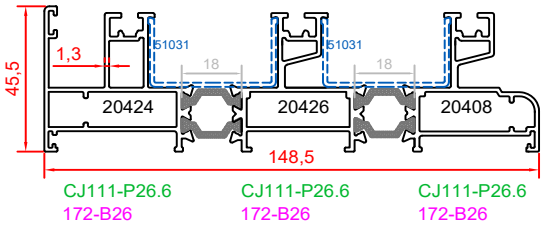
فـــریم سه ریـل تـوری دار

3 rail frame profile

2.660 kg/m

Jx=207.07 cm^4

Jy=15.20 cm^4



20424-20426-20408

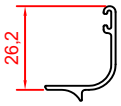
فـــریم سه ریـل

3 rail frame profile

2.740 kg/m

Jx=178.12 cm^4

Jy=14.86 cm^4

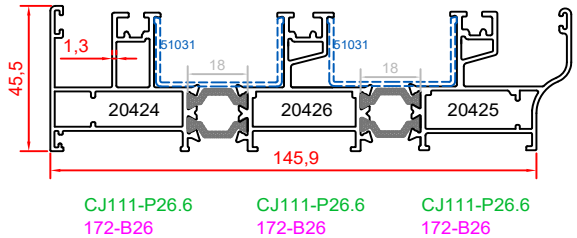


20203

ریـل تـوری کشـــویی

fly screen rail profile

0.201 kg/m



20424-20426-20425

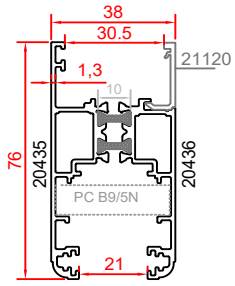
فـــریم سه ریـل تـوری دار

3 rail frame profile

2.850 kg/m

Jx=207.36 cm^4

Jy=15.76 cm^4



20435-20436

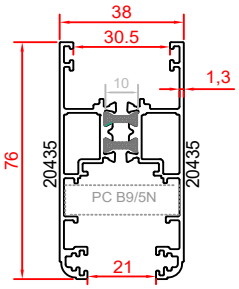
لنگـــه ی رهوار دار

Sash profile

1.345 kg/m

Jx=8.92 cm^4

Jy=17.75 cm^4



20435-20435

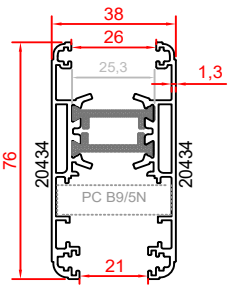
ســـپری لنگـــهزهوار دار

T profile

1.445 kg/m

Jx=10.12 cm^4

Jy=21.08 cm^4



20434-20434

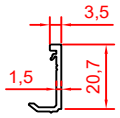
لنگـــه بـــدونزهوار

Sash profile

1.587 kg/m

Jx=11.52 cm^4

Jy=22.32 cm^4

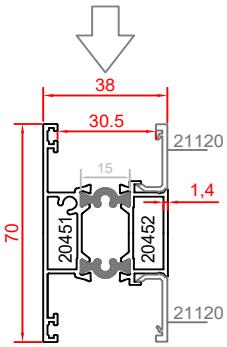


20120

زهوار لنگـــه

Glazing bid profile

0.137 kg/m



20451-20452

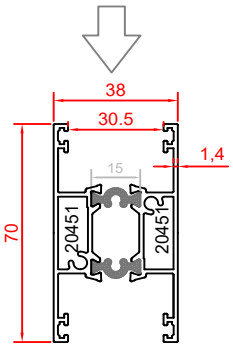
ســـپری لنگـــهزهوار دار

T profile

1.007 kg/m

Jx=8.77 cm^4

Jy=6.19 cm^4



20451-20451

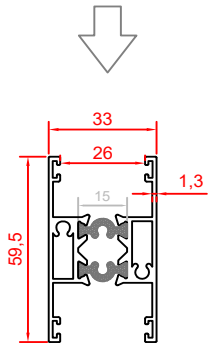
ســـپری بـــدونزهوار

T profile

1.122 kg/m

Jx=14.5 cm^4

Jy=9.12 cm^4



20456-20456

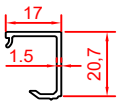
ســـپری بـــدونزهوار

T profile

1.090 kg/m

Jx=7.55 cm^4

Jy=5.60 cm^4

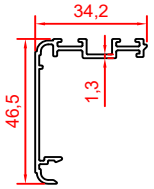


20125

زهوار تـــک جداره

Glazing bid profile

0.220 kg/m

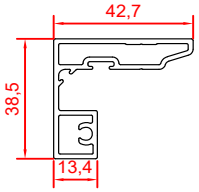


20458

پروفیـــــل درپـــوش لنگـــه

Interlock profile

0.427 kg/m

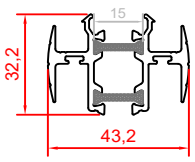


20185

آداپتـــور سه لنگـــه
وسط بازشـــو قفـــل خور

Adapter profile

0.841 kg/m

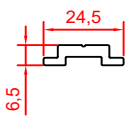


20457-20457

آداپتـــور چهار لنگـــه
وسط بازشـــو

Adapter profile

0.869 kg/m

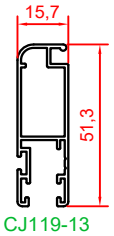


20184

پروفیـــــل تســـمه

Rod profile

0.270 kg/m



20144

لنگـــه تـــوری کشـــویی

fly screen profile

0.502 kg/m

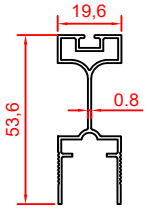


20141

وسط چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m

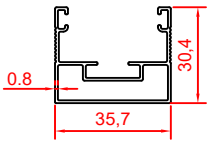


20193

لنگـــه بازشـــو تـــوری پلیســـه

fly screen sash pr

0.380 kg/m

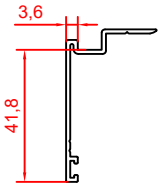


20194

فـــریم تـــوری پلیســـه

flyscreen frame pr

0.360 kg/m

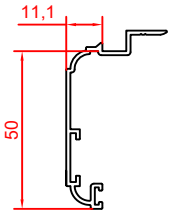


20091

پروفیـــل روکـوب

border profile

0.328 kg/m

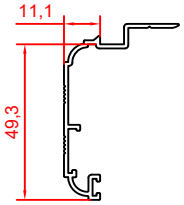


20097

پروفیـــل روکـوب

border profile

0.398 kg/m

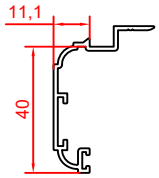


20094

پروفیـــل روکـوب شـیار دار

border profile

0.416 kg/m

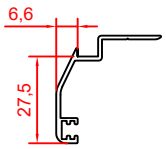


20098

پروفیـــل روکـوب

border profile

0.373 kg/m

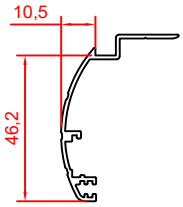


20096

پروفیـــل روکـوب

border profile

0.274 kg/m

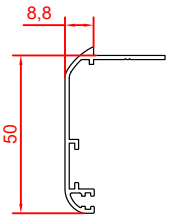


20095

پروفیـــل روکـوب

border profile

0.379 kg/m

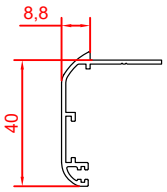


20092

پروفیـــل روکـوب

border profile

0.398 kg/m

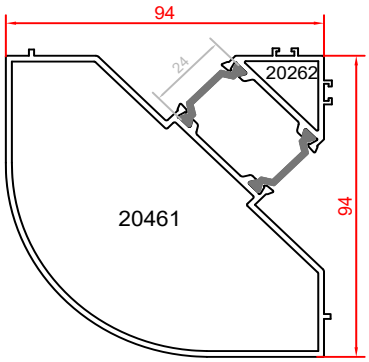


20093

پروفیـــل روکـوب

border profile

0.361 kg/m

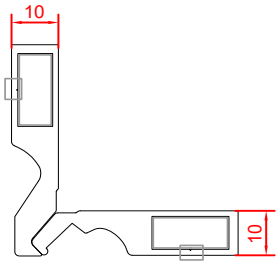


20262-20461

آداپتـــور کنـــج فـــریم

corner adapter for frame

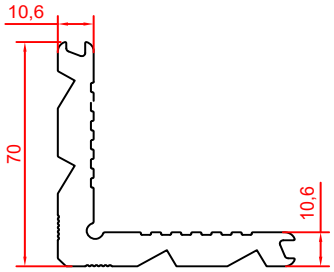
2.401 kg/m



code : 172

PC B10

قابـــل تولیـــد در انـدازه‌های مختلـف

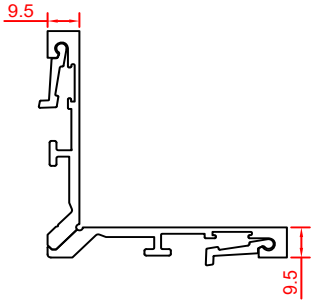


code :CJ 111

گونیـــا پـــانچی

corner cleat

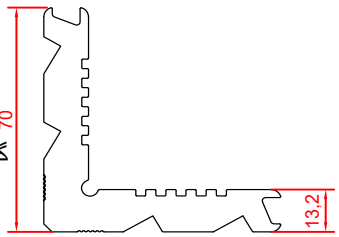
weight 3.31 kg/m



code:PC B9/5N

گونیـــای آلـــنی لنگـــه‌های بازشـــو

طول بـرش 34.4 میلـــی مـتر

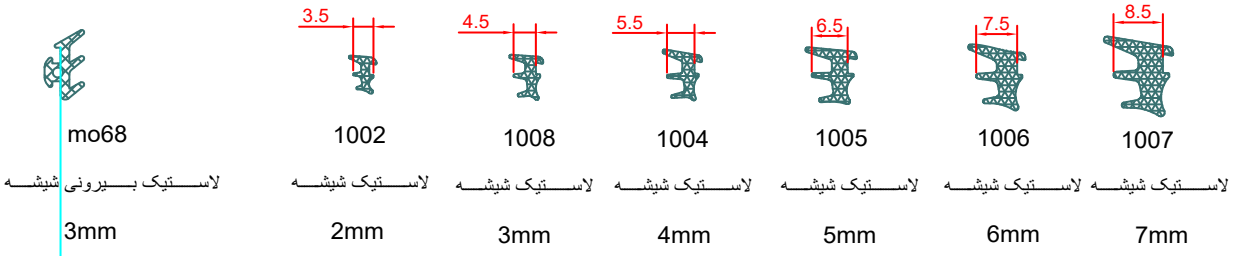


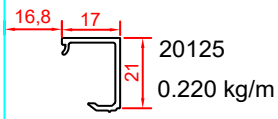
code :CJ 113

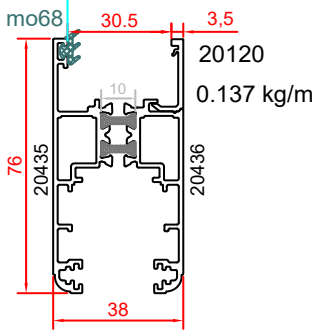
گونیـــا پـــانچی

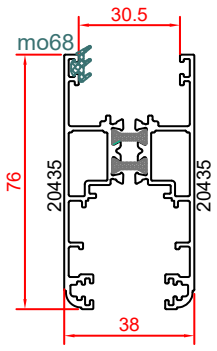
corner cleat

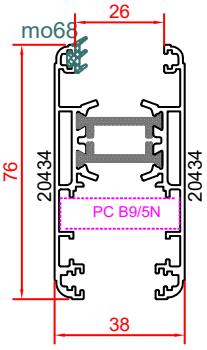
weight 4.03kg/m


3.5
4.5
5.5
6.5
7.5
8.5
mo68
1002
1008
1004
1005
1006
1007
لاستیک بیرونی شیشه
لاستیک شیشه
لاستیک شیشه
لاستیک شیشه
لاستیک شیشه
لاستیک شیشه
لاستیک شیشه
3mm
2mm
3mm
4mm
5mm
6mm
7mm


16,8
17
21
20125
0.220 kg/m

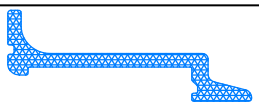
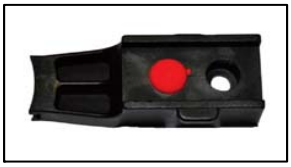
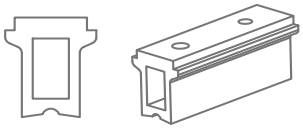
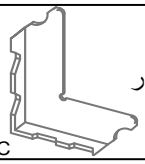
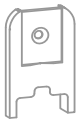
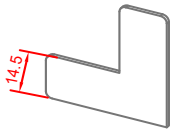
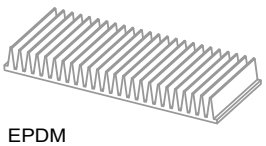

mo68
30.5
3,5
10
76
20435
20436
38
20120
0.137 kg/m


30.5
mo68
76
20435
20435
38


26
mo68
76
20434
20434
PC B9/5N
38

ACCESSORIES LIST

لیســـت یـراق الات

code : 51031 پـــی وی ســـی ایزولاســـــیون فـــریم *frame isolation gasket*  PVC NPP 361	 مویـی اینـــــترلاک 800 *BRUSH GASKET*
code :51030 ایزولاســـــیون اینـــــترلاک *central locking sealing gasket*  PVC NPP 093	code :58843 فیکـــــس کننـــــده ی پشـــت لنگـــه ثابـــت *fix sash stoper*  PVC
code : 53148 لاســـــتیک فـــریم *frame gasket*  EPDM	code :50353 اســـــتوپر داخل لنگـــه *Ineer Sash stoper* 
لاســـــتیک لنگـــه تـــوری *fly screen gasket*  EPDM	code :53161 ثابـــت کننـــــده ی لنگـــه *Bottom Sash fixing*  PVC
code :EM3821 گونیـــا پلاســـــــتیکی لنگـــه زهوار دار *Sash corner alignment*  PVC	code :50122 درپـــوش پلاســـــــتیکی اینـــــترلاک *interlock profile cap*  PVC
MO19 گونیـــا فلـــزی کوچـک *corner alignment*  GALVANIZED	code :MS204 بلبرینـــــگ فـــریم V شـــکل *DOUBLE SLIDING ROLLER* 
code :51969 گونیـــا پلاســـــــتیکی لنگـــه ی 20434-20434 *sash alignment corner*  PVC	code :50210 بلبرینـــــگ فـــریم U شـــکل EM3832 *DOUBLE SLIDING ROLLER* 
MM5 گونیـــا فلـــزی روکـوب *border alignment*  galvanized	code :ZM07 گردگـــــیر پلاســـــــتیکی *CENTRAL SEALING* 
دســـــتگیره ی لنگـــه تـــوری *screeninig handle*  aluminium	گردگـــــیر لاســـــتیکی *CENTRAL SEALING*  EPDM

ACCESSORIES LIST

لیســـت یـراق الات



40 cm ESPAGNOLETTE اســـــپانیولت

60 cm ESPAGNOLETTE اســـــپانیولت

80 cm ESPAGNOLETTE اســـــپانیولت

100 cm ESPAGNOLETTE اســـــپانیولت

120 cm ESPAGNOLETTE اســـــپانیولت

140 cm ESPAGNOLETTE اســـــپانیولت

160 cm ESPAGNOLETTE اســـــپانیولت

180 cm ESPAGNOLETTE اســـــپانیولت

200 cm ESPAGNOLETTE اســـــپانیولت



دســـــتگیره انگشـــــتی

FORZA

forza recessed finger pull handle



دســـــتگیره انگشـــــتی کلیـــد دار

FORZA

forza recessed handle hock with key



FORZA زبانـــه قفـــل

forza hook (zamak)



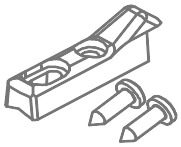
PVC

code :2616

اداپتـــور نصـــب اســـــپانیولت

یـو پـی وی سـی

ESPAGNOLETTE ADAPTER



FORZA مقـــابلی قفـــل

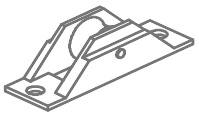
forza striker (zamak)



دســـــتگیره ی اســـــپانیولت پنجـــره کشـــویی

ROTO

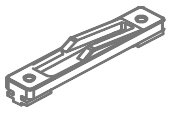
ROTO WINDOW HANDLE



code :MS20

بلبرینـــــگ لنگـــه تـــوری

FLYSCREEN ROLLER



مقـــابلی قفـــل اســـــپانیولت

فـــریم U شـــکل

ESPAGNOLETTE STRIKKER

ST77

پنجره کشویی

ترمال بریک

مشخصـــات سیســـــتم

- اندازهی عرض فریم : ۷۷ میلیمتر
- اندا زهی عرض لنگه : ۳۸ میلیمتر
- اندا زهی ارتفاع لنگه : ۷۱ میلیمتر
- اندازهی پلی امید فریم : ۱۸میلیمتر
- اندازهی پلی امید لنگه : ۱۵ میلیمتر
- بیشـترین وزن بازشو : ۱۲۰ کیلو گرم
- ضخامت دیواره ی پروفیل : ۱/۳-۱/٤ میلیمتر
- ابندی و هوابندی مناسب با نصب لاســـتیک EPDM
- مقاومت اتلاف انرژی $Uf = 4.45\ W/m^2k$ EN ISO 10077-2
- هوابندی (AIR PERMEABILITY) Class ٤ EN۱۲۰۷:۱۹۹۹-۱۱
- آببندی EN1208:1999-11 (WATHERTIGHTNESS) Class E1200
- مقاومت در فشـــار بـاد EN12210:1999-11/AC-2002-08 (RESISTANCE TO WIND LOAD) Class C3/B3

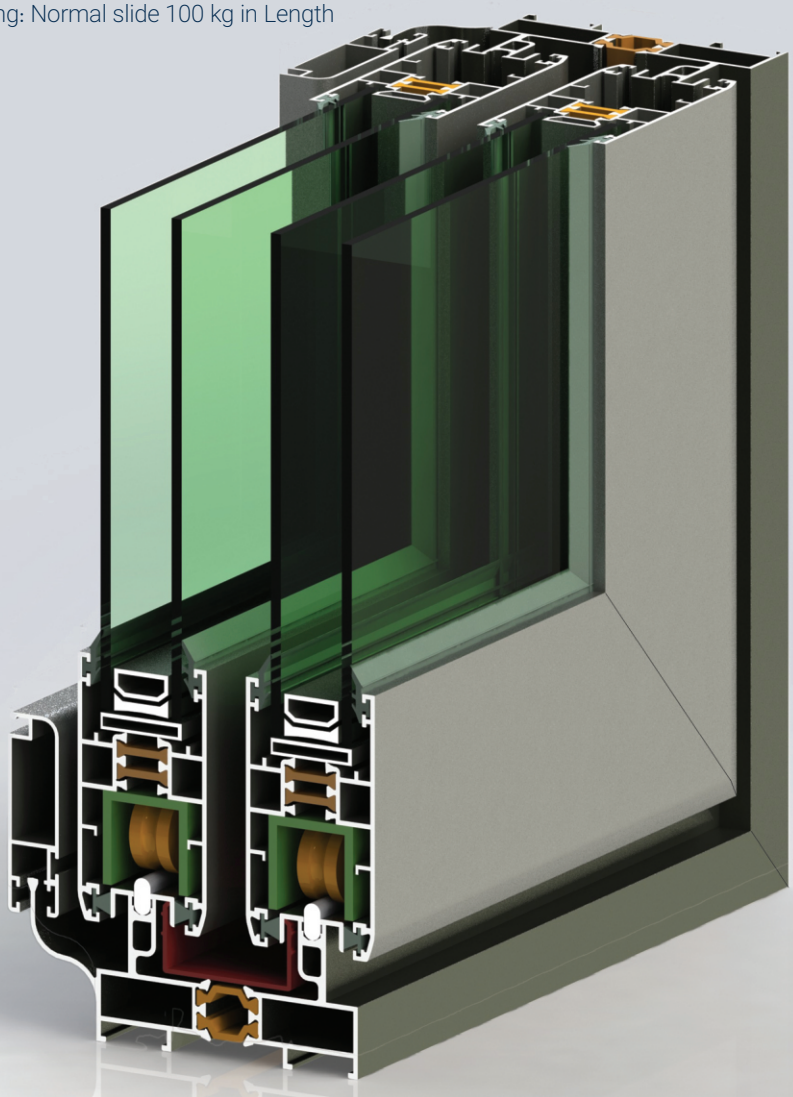
206

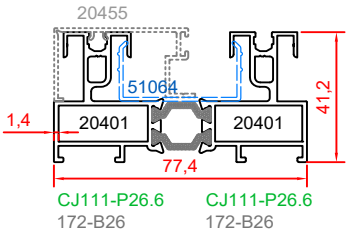
ST77

Thermal Break

Sliding Window

- Product code: ST77
- Frame width: 77 mm
- Sash width: 38 mm
- Wall thickness: 1.4 - 1.3 mm
- Glass thickness: 24-18 mm
- Polyamide size: 18-14.8 mm
- Thermal conductivity: Uf:4.45w/m2k
- Appearance: Flat and smooth from the outside and inside
- Type of corner fixture: Riveted and Gunia Alni
- EPDM identification and sealing gaskets
- Possibility to install European fittings
- Type of opening: Normal slide 100 kg in Length





20401-20401

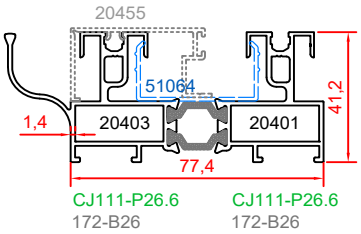
پروفیـــــل فـــریم

frame profile

1.606 kg/m

Jx=32.6 cm^4

Jy=8.45 cm^4



20401-20403

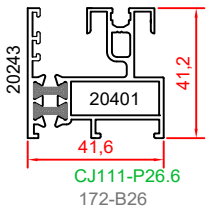
پروفیـــــل فـــریم ریـل تـوری

frame profile

1.749 kg/m

Jx=47.1 cm^4

Jy=9.1 cm^4



20401-20243

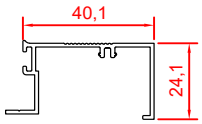
فـــریم تـک ریـل

Single frame

1.05 kg/m

Jx=5.78 cm^4

Jy=5.81 cm^4

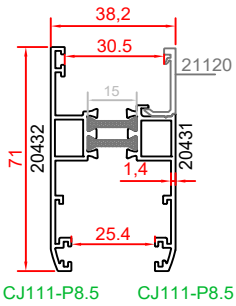


20455

کـاور فـــریم

Cver profile

0.380 kg/m



20431-20432

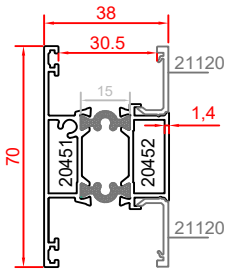
لنگـــه ی رهوار دار

Sash profile

1.055 kg/m

Jx=8.04 cm^4

Jy=12.4 cm^4



20451-20452

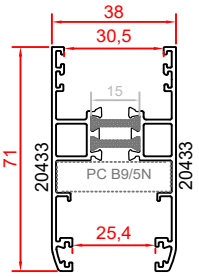
ســپری لنگـــه‌زهوار دار

T profile

1.007 kg/m

Jx=8.77 cm^4

Jy=6.19 cm^4



20433-20433

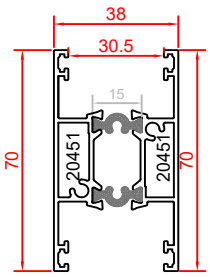
لنگـــه بـدون‌زهوار

Sash profile

1.142 kg/m

Jx=9.4 cm^4

Jy=15.4 cm^4



20451-20451

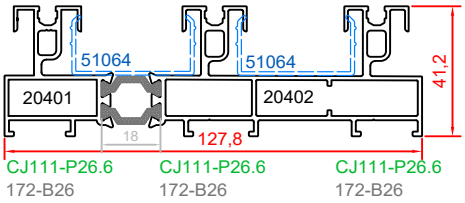
ســپری بـدون‌زهوار

T profile

1.122 kg/m

Jx=14.5 cm^4

Jy=9.12 cm^4



20401-20402

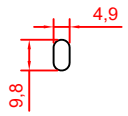
فـــریم سه ریـل

3 rail frame profile

2.396 kg/m

Jx=94.1 cm^4

Jy=15.78 cm^4

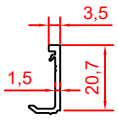


20166

پروفیـــــل ریـل فـــریم

Rail profile

0.124 kg/m

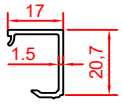


20120

زوار لنگـــه

Glazing bid profile

0.137 kg/m

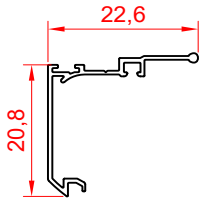


20125

زهوار تـک جداره

Glazing bid profile

0.220 kg/m

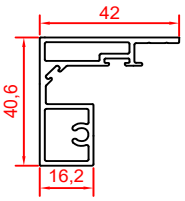


20454

پروفیـــــل درپـوش لنگـــه

Interlock profile

0.434 kg/m

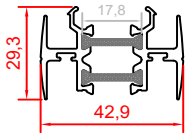


20183

آداپتـــور سه لنگـــه
وسط بازشـــو قفـــل خور

Adapter profile

0.789 kg/m

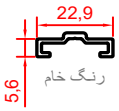


20453-20453

آداپتـــور چهار لنگـــه
وسط بازشـــو

Adapter profile

0.911 kg/m

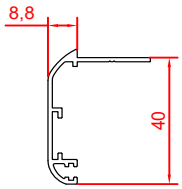


20182

پروفیـــــل جای تســـمه

Rod profile adapte

0.185 kg/m

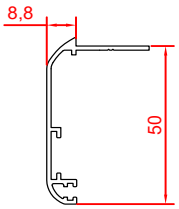


20093

پروفیـــــل رکـوب 40

border profile

0.361 kg/m

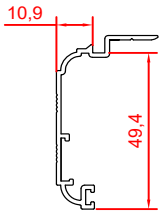


20092

پروفیـــــل رکـوب 50

border profile

0.398 kg/m

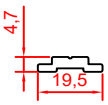


20100

پروفیـــــل رکـوب شـیار دار 50

border profile

0.422 kg/m

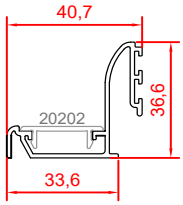


20150

پروفیـــــل تســـمه

Rod profile

0.182 kg/m

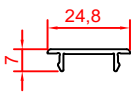


20201

اداپتـــور فـــریم تـک ریـل

Single frame adapter

0.361 kg/m

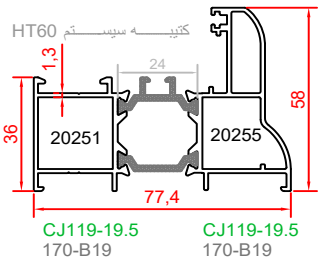


20202

اداپتـــور فـــریم تـک ریـل

Single frame adapter

0.140 kg/m



20251-20255

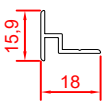
پروفیـــــل کتیبـــــه

frame profile

1.531 kg/m

Jx=29.7 cm^4

Jy=11.6 cm^4

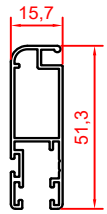


20174

مـــابین دو فـــریم

between two frame

0.126 kg/m



CJ119-13

20144

لنگـــه تـــوری کشـــویی

fly screen profile

0.502 kg/m

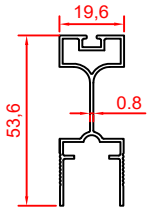


20141

وسط چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m

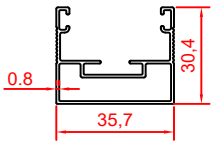


20193

لنگـــه بازشـــو تـــوری پلیســـــه

fly screen sash pr

0.380 kg/m

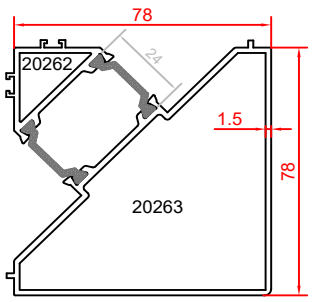


20194

فـــریم تـــوری پلیســـــه

flyscreen frame pr

0.360 kg/m



20262-20263

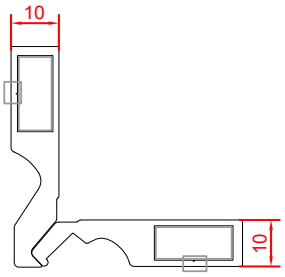
آداپتـــور کنـــج 90درجه

90 corner adapter

2.200 kg/m

Jx=58.7 cm^4

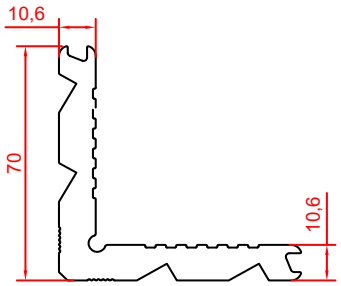
Jy=51.8 cm^4



code : 172

PC B10

قابـــل تولیـــد در انـدازه‌های مختلـف

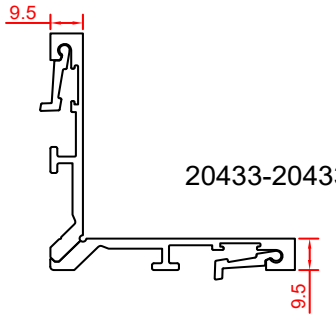


code :CJ 111

گونیـــا پـــانچی

corner cleat

weight 3.31 kg/m



code:PC B9/5N

گونیـــای آلـــنی لنگـــه بـدون‌زهوار 20433-20433

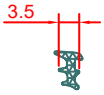
طول بـرش 34.4 میلـی مـتر



mo68

لاســـتیک بـــیرونی شیشـــه

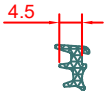
3mm



1002

لاســـتیک شیشـــه

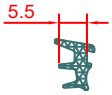
2mm



1008

لاســـتیک شیشـــه

3mm



1004

لاســـتیک شیشـــه

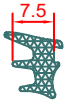
4mm



1005

لاســـتیک شیشـــه

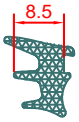
5mm



1006

لاســـتیک شیشـــه

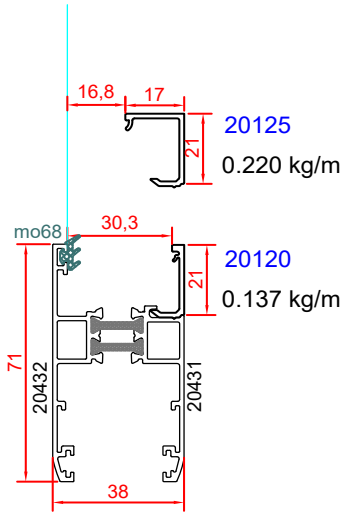
6mm



1007

لاســـتیک شیشـــه

7mm



20125

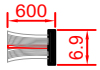
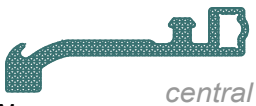
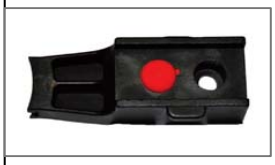
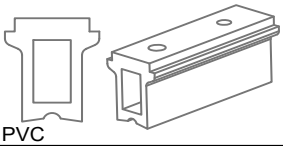
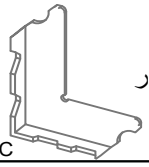
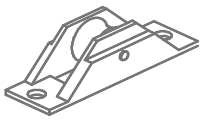
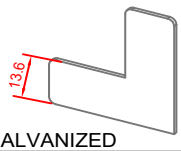
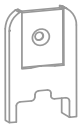
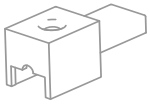
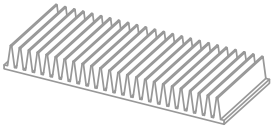
0.220 kg/m

20120

0.137 kg/m

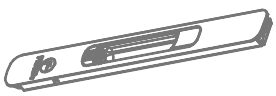
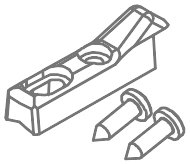
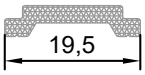
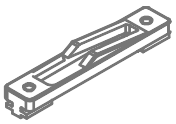
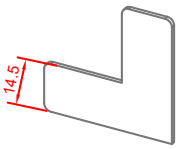
ACCESORIES LIST

لیســـت یـراق الات

code : 51064 پـــی وی ســـی ایزولاســـــیون فـــریم *frame isolation gasket*  PVC NPP 353	مویـــی فـــریم 600 *BRUSH GASKET* 
code : 60206 لاســـتیک اینـــترلاک *central locking sealing gasket*  EPDM	مویـــی اینـــترلاک 800 *BRUSH GASKET* 
code : 53148 لاســـتیک فـــریم *frame gasket*  EPDM	code :EM3823 اســـتوپرداخل لنگـــه‌زهوار دار *Ineer sash stoper* 
لاســـتیک لنگـــه تـــوری *fly screen gasket*  EPDM	code :50353 اســـتوپر داخل لنگـــه بـــدون‌زهوار ST94اســـتوپر *Ineer Sash stoper* 
MO20 گونیـــا پلاســـــتیکی لنگـــه بـــدون‌زهوار *Sash corner alignment* 	code :53023 ثابـــت کننـــده ی لنگـــه *Bottom Sash fixing*  PVC
code :EM3821 گونیـــا پلاســـــتیکی لنگـــه زهوار دار *Sash corner alignment*  PVC	code : MS20 بلبرینـــــگ لنگـــه تـــوری *FLYSCREEN ROLLER* 
code :MM77 گونیـــا فلـــزی لنگـــه‌زهوار دار *Sash corner alignment*  GALVANIZED	code : 50210 بلبرینـــــگ بازشـــو EM3832 *DOUBLE SLIDING ROLLER* 
code :53003 PLUS درپـــوش پلاســـــتیکی اینـــترلاک *interlock profile cap*  PVC	code :ZM07 گردگـــــیر پلاســـــتیکی *CENTRAL SEALING* 
فیکـــــس کننـــــده ی پشـــت لنگـــه ثابـــت *fix sash stoper*  PVC	گردگـــــیر لاســـــتیکی *CENTRAL SEALING*  EPDM

ACCESORIES LIST

لیســـت یـراق الات

 40 cm ESPAGNOLETTE اســـــپانیولت 60 cm ESPAGNOLETTE اســـــپانیولت 80 cm ESPAGNOLETTE اســـــپانیولت 100 cm ESPAGNOLETTE اســـــپانیولت 120 cm ESPAGNOLETTE اســـــپانیولت 140 cm ESPAGNOLETTE اســـــپانیولت 160 cm ESPAGNOLETTE اســـــپانیولت 180 cm ESPAGNOLETTE اســـــپانیولت 200 cm ESPAGNOLETTE اســـــپانیولت	 دســـــتگیره انگشـــــتی FORZA *forza recessed finger pull handle*
	 دســـــتگیره انگشـــــتی کلیـــد دار FORZA *forza recessed handle hock with key*
	 زبانـــه قفـــل FORZA *forza hook (zamak)*
 code :2616 اداپتـــور نصـــب اســـــپانیولت یـو پـی وی سـی *ESPAGNOLETTE ADAPTER* PVC	 مقـــابلی قفـــل FORZA *forza striker (zamak)*
 دســـــتگیره ی اســـــپانیولت پنجـــره کشـــــویی ROTO *ROTO WINDOW HANDLE*	 code :917620 تســمه پلـــی امیـد *rod profile* POLIAMID
 مقـــابلی قفـــل اســـــپانیولت فـــریم U شـــکل *ESPAGNOLETTE STRIKKER*	 MM5 گونیـــا فلـــزی روکـوب *border alignment* galvanized

SN60

پنجره کشویی

مشخصـــات سیســـــتم

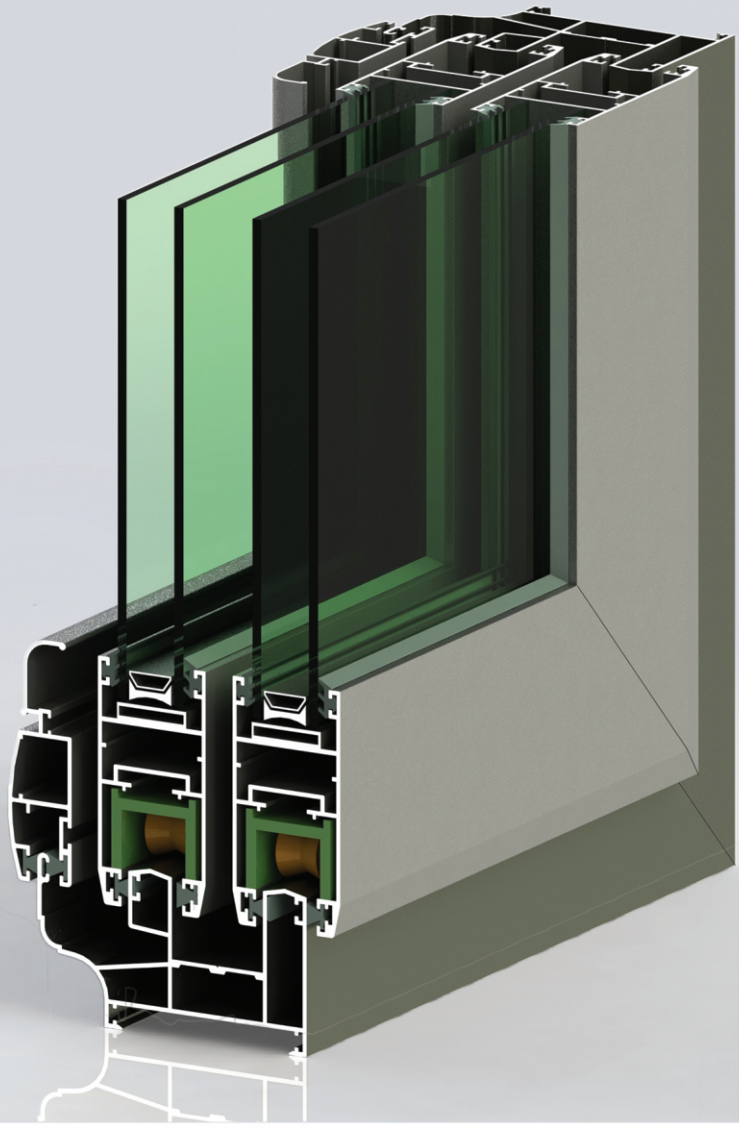
- اندازه ی عرض فریم : ٦٠ میلیمتر
- اندازه ی عرضه لنگه : ٣٢ میلیمتر
- اندازه ی ارتفاع لنگه : ٦٢-٦٦-٧١ میلیمتر
- وزن لنگه ی کشویی بازشو : ٨٠ کیلوگرم
- ضخامت دیواره ی پروفیل : ١/٢ - ١/٣ میلیمتر
- امکان نصب لاستیک در اینترلاک و بهینه سازی هوابندی و عایق صدا
- امکان نصب براق اسپانیولت یو پی وی سی

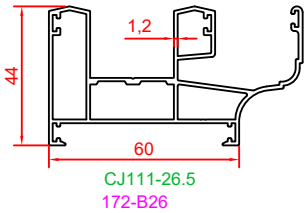
207

SN60

Sliding Window

- Product code: SN60
- Frame width: 60 and 100 mm
- Sash width: 32 mm
- Wall thickness: 1.3-1.2 mm
- Glass thickness: 18 mm
- Thermal conductivity: Uf:7.2w/m2k
- Appearance: Curved and arched from the outside and inside
- Type of corner fixture: Gunia Talni
- EPDM identification and sealing gaskets
- Possibility to install European fittings
- Type of opening: Normal slide 80 kg in Length





20011

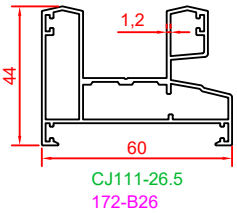
فـــریم ریـل تـوری دار

frame profile

1.244 kg/m

Jx=26.3 cm^4

Jy=6.81 cm^4



20010

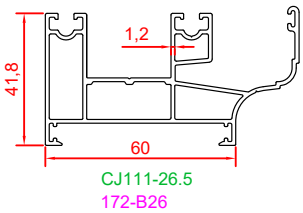
پروفیـــل فـــریم

frame profile

1.049 kg/m

Jx=15.1 cm^4

Jy=6.05 cm^4



20014

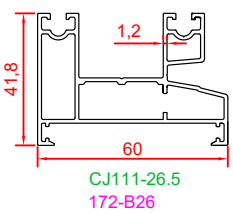
فـــریم ریـل تـوری دار

frame profile

1.227 kg/m

Jx=26.05 cm^4

Jy=6.03 cm^4



20016

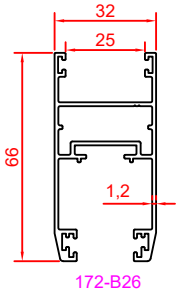
پروفیـــل فـــریم

frame profile

1.022 kg/m

Jx=14.81 cm^4

Jy=5.25 cm^4



20056

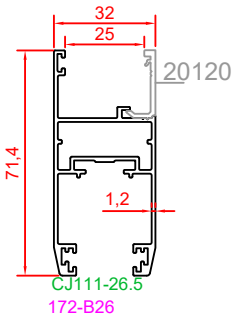
لنگـــه بـدون زهوار

sash profile

0.922 kg/m

Jx=5.82 cm^4

Jy=11.89 cm^4



20057

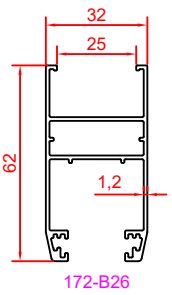
لنگـــه‌زهوار دار

sash profile

0.888 kg/m

Jx=5.75 cm^4

Jy=13.21 cm^4



20058

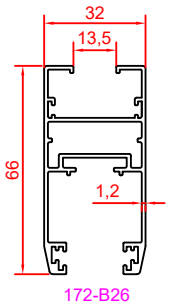
لنگـــه بـدون زهوار

sash profile

0.770 kg/m

Jx=4.81 cm^4

Jy=9.4 cm^4



20059

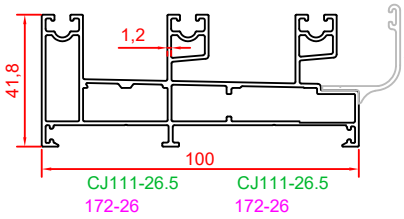
لنگـــه تـک جداره

single glass sash pr.

0.950 kg/m

Jx=5.70 cm^4

Jy=12.62 cm^4



20009

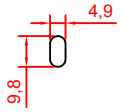
فـــریم سه ریـل

frame profile

1.653 kg/m

Jx=58.6 cm^4

Jy=8.3 cm^4

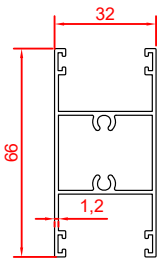


20166

پروفیـــل ریـل فـــریم

Rail profile

0.124 kg/m



20082

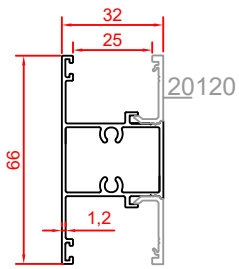
ســـپری بـدون زهوار

T profile

0.403 kg/m

Jx=10.3 cm^4

Jy=5.03 cm^4



20083

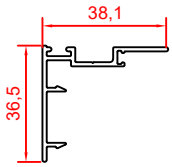
ســـپری زهوار دار

T profile

0.837 kg/m

Jx=8.42 cm^4

Jy=4.88 cm^4

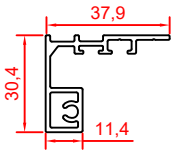


20077

پروفیـــــل درپـــوش لنگـــه

interlock profile

0.403 kg/m

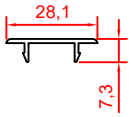


20170

آداپتـــور سه لنگـــه
وسط بازشـــو قفـــل خور

Adapter profile

0.501 kg/m

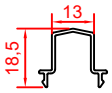


20164

آداپتـــور سه لنگـــه
وسط بازشـــو بـــدون قفـــل

Adapter profile

0.153 kg/m

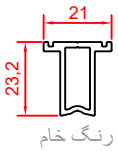


20163

آداپتـــور چهار لنگـــه
وسط بازشـــو

Adapter profile

0.182 kg/m

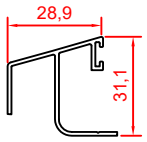


20167

پروفیـــــل ثابـــت کننـــده

espagniolet adapter

0.350 kg/m

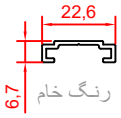


20165

پروفیـــــل کـاور فـــریم

Cover profile

0.347 kg/m



20199

پروفیـــــل جای تســمه

Rod profile adapter

0.150 kg/m



20150

پروفیـــــل تســمه

Rod profile

0.182 kg/m

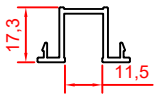


20200

اداپتـــور نصـــب اســـــپانیولت
یـــو پـــی وی ســـی

Espagniolet adapter

0.791 kg/m

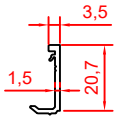


20168

آداپتـــور تـک جداره

single glass adapter

0.295 kg/m

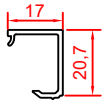


20120

زهوار لنگـــه

Glazing bid profile

0.137 kg/m

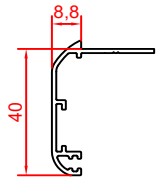


20125

زهوار تـک جداره

Glazing bid profile

0.220 kg/m

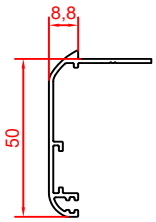


20093

پروفیـــل رکـوب 40

border profile

0.361 kg/m

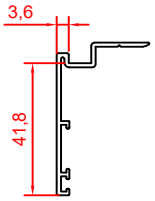


20092

پروفیـــل رکـوب 50

border profile

0.398 kg/m

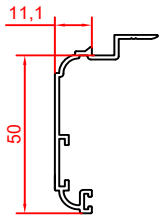


20091

پروفیـــل رکـوب

border profile

0.328 kg/m

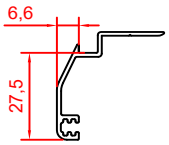


20097

پروفیـــل رکـوب 50

border profile

0.398 kg/m

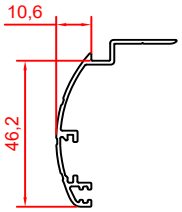


20096

پروفیـــل رکـوب

border profile

0.274 kg/m

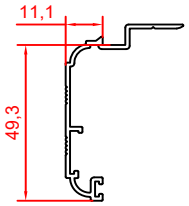


20095

پروفیـــل رکـوب 50

border profile

0.379 kg/m

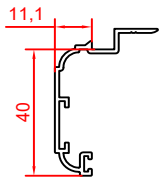


20094

پروفیـــل روکـوب شـیار دار

border profile

0.416 kg/m



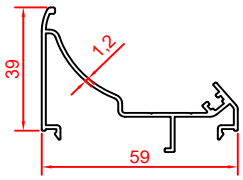
20098

پروفیـــل روکـوب

border profile

0.373 kg/m

کتیـــه سیســـتم NH59

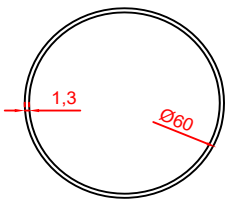


20160

اداپتـــور کنـــج فـــریم

corner profile

0.575 kg/m

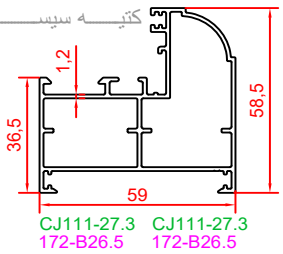


20161

اداپتـــور کنـــج فـــریم

corner profile

0.791 kg/m

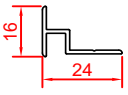


20002

پروفیـــل کتیبـــه

frame profile

1.074 kg/m

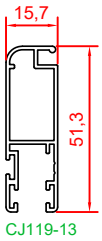


20151

مـــابین فـــریم و کتیبـــه

sash profile

0.152 kg/m



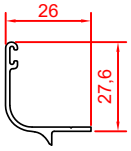
CJ119-13

20144

لنگـــه تـــوری کشـــــویی

fly screen profile

0.502 kg/m

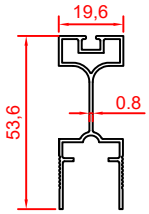


20169

ریـل تـوری فـــریم سه ریـل

fly screen rail profile

0.231 kg/m

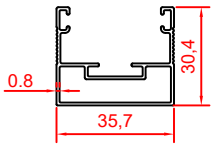


20193

لنگـــه بازشـــو تـــوری پلیســـــه

fly screen sash pr

0.380 kg/m



20194

فـــریم تـــوری پلیســـــه

flyscreen frame pr

0.360 kg/m

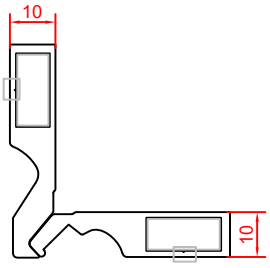


20141

وسـط چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m

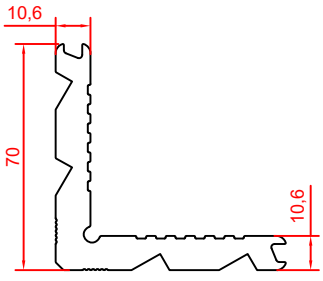


code : 172

PC B10

گونیـــــای آلـــنی فـــریم و لنگـــه

طول بـرش در انـدازه‌های مختلـف



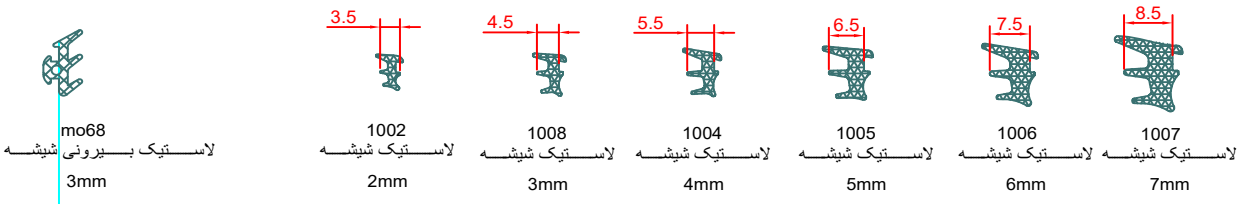
code : CJ111

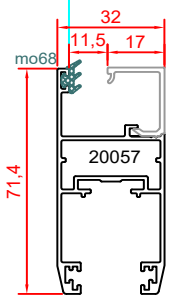
گونیـــــا پـــــانچی

corner cleat

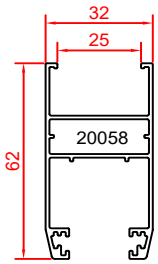
weight 3.32kg/m

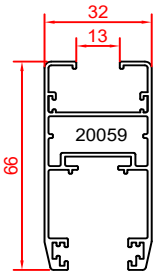
اندازه ی شیشه و زهوار ها -AS60

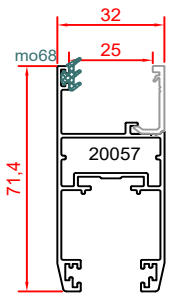




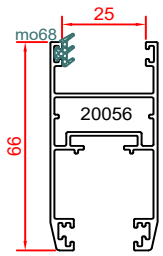
20125
0.220 kg/m

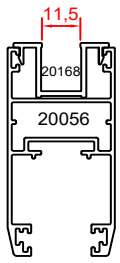




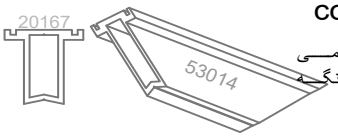
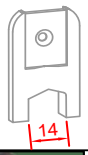
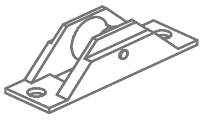
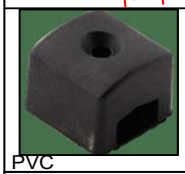
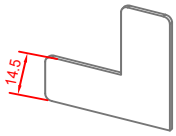
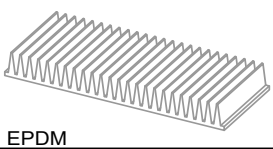


20120
0.137 kg/m

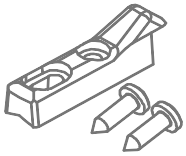
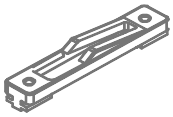




لیســـت یـراق الات

code : 53148 لاســـتیک فـــریم *frame gasket*  EPDM	مویـی 600 *BRUSH GASKET* 
code:661 لاســـتیک هوابنـــدی اینـــترلاک *interlock gasket*  EPDM	مویـی اینـــترلاک 800 *BRUSH GASKET* 
لاســـتیک لنگـــه تـــوری *fly screen gasket*  EPDM	MS10 اســـتوپر داخل لنگـــه *sash ineer stoper* 
MO19 گونیـــا فلـــزی کوچـک *corner alignment*  GALVANIZED	code :53014 ثابـــت کننـــده ی الومنیومـــی لنگـــه *sash fixing*  aluminium
code :MS06- plus درپـوش پلاســـــتیکی اینـــترلاک *interlock profile cap*  PVC	code :MS100 بلبرینـــــگ لنگـــه تـــوری *FLYSCREEN ROLLER* 
MS10 اســـتوپر بـــیرون لنگـــه ثابـــت *sash outer stoper*  PVC	code :MS204 بلبرینـــــگ فـــریم V شـــکل *DOUBLE SLIDING ROLLER* 
MM5 گونیـــا فلـــزی روکـوب *border alignment*  galvanized	code :50210 بلبرینـــــگ فـــریم U شـــکل EM3832 *DOUBLE SLIDING ROLLER* 
code :917620 تســـمه پلـــی امیـد *rod profile*  POLIAMID	code :ZM07 گردگـــیر پلاســـــتیکی *CENTRAL SEALING* 
دســـــتگیره ی لنگـــه تـــوری *screeninig handle*  aluminium	گردگـــیر لاســـــتیکی *CENTRAL SEALING*  EPDM

لیســـت یـراق الات

دســـــتگیره انگشـــــتی FORZA *forza recessed finger pull handle* 	اســـــپانیولت *ESPAGNOLETTE* 40 cm اســـــپانیولت *ESPAGNOLETTE* 60 cm اســـــپانیولت *ESPAGNOLETTE* 80 cm اســـــپانیولت *ESPAGNOLETTE* 100 cm اســـــپانیولت *ESPAGNOLETTE* 120 cm اســـــپانیولت *ESPAGNOLETTE* 140 cm اســـــپانیولت *ESPAGNOLETTE* 160 cm اســـــپانیولت *ESPAGNOLETTE* 180 cm اســـــپانیولت *ESPAGNOLETTE* 200 cm 
دســـــتگیره انگشـــــتی کلیـــد دار FORZA *forza recessed handle hock with key* 	
زبانـــه قفـــل FORZA *forza hook (zamak)* 	
مقـــابلی قفـــل FORZA *forza striker (zamak)* 	دســـــتگیره ی اســـــپانیولت پنجـــره کشـــویی ROTO *ROTO WINDOW HANDLE* 
	مقـــابلی قفـــل اســـــپانیولت فـــریم U شـــکل *ESPAGNOLETTE STRIKKER* 
	مقـــابلی قفـــل اســـــپانیولت فـــریم V شـــکل ZAMAK *SLIDING ESPAGNOLETTE STRIKKER* 

SMN60

پنجره کشویی

با فریم ۹۰ میلیمتر

مشخصـــات سیســـــتم

- اندازه‌ی عرض فریم : ۹۰ میلیمتر
- اندازه‌ی عرضه لنگه : ۳۲ میلیمتر
- اندازه‌ی ارتفاع لنگه : ۶۲-۶۶-۷۱ میلیمتر
- وزن لنگه‌ی کشویی بازشو : ۸۰ کیلوگرم
- ضخامت دیواره‌ی پروفیل : ۱/۲ - ۱/۳ میلیمتر
- امکان نصب لاستیک در اینترلاک و بهینه سازی هوابندی و عایق صدا
- امکان نصب براق اسپانیولت یو پی وی سی

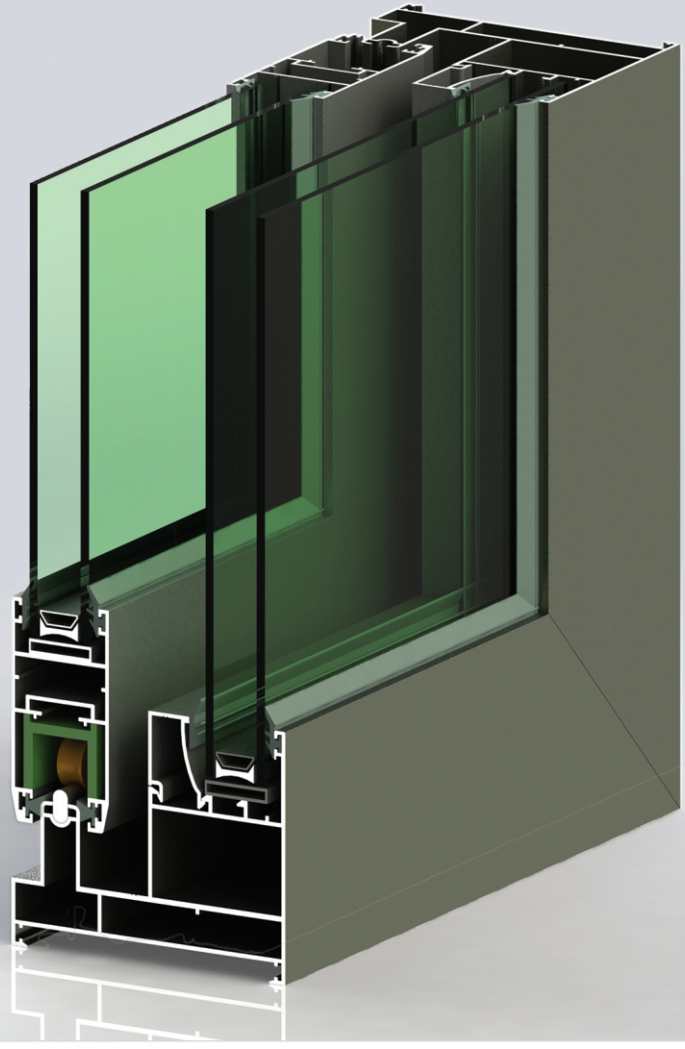
208

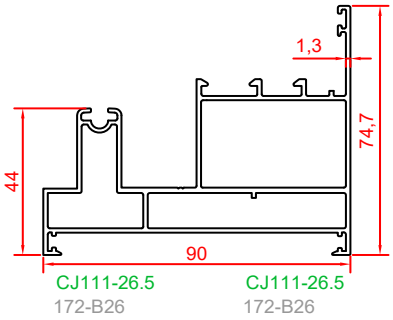
SMN60

Sliding Window

with 90mm Frame Profile

- code Product : 60 MAS
- Width Frame : 90 mm
- Width Sash : 32 mm
- Thickness Wall : 1.2 - 1.3mm
- Thickness Glass : 18 mm
- Appearanceinside : and outside the from smooth and Flat
- fixture corner of Type : TAlni Gunia
- gaskets sealing and identification EPDM
- fittings European install to Possibility
- opening of Type : Lengeh in 80 kg slide Normal



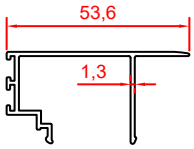


20017

فـــریم مونـو ریـل

Monorail frame

1.716 kg/m

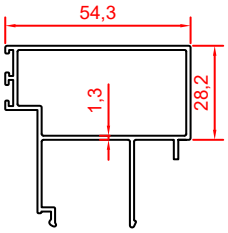


20078

درپـوش مونـو ریـل

Cover profile

0.448 kg/m

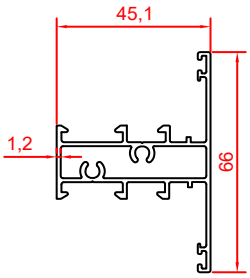


20079

درپـوش لنگـــه مخفـی

Hidden sash cover profile

0.811 kg/m

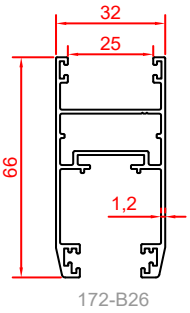


20080

ســـپری مونوریـــل

T profile

0.934 kg/m



20056

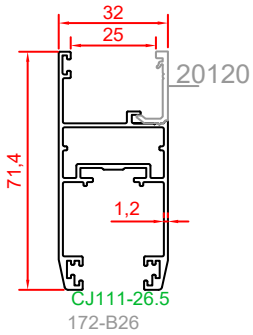
لنگـــه بـــدون‌زهوار

sash profile

0.922 kg/m

Jx=5.82 cm^4

Jy=11.89 cm^4



20057

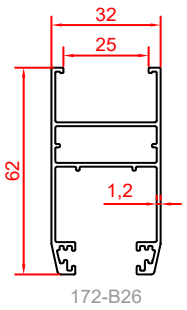
لنگـــه‌زهوار دار

sash profile

0.888 kg/m

Jx=5.75 cm^4

Jy=13.21 cm^4



20058

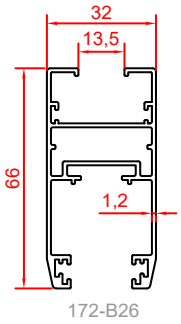
لنگـــه بـــدون‌زهوار

sash profile

0.770 kg/m

Jx=4.81 cm^4

Jy=9.4 cm^4



20059

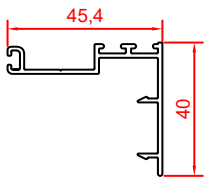
لنگـــه تـــک جداره

single glass sash p

0.950 kg/m

Jx=5.70 cm^4

Jy=12.62 cm^4

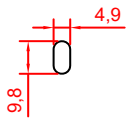


20081

اینـــــترلاک مونوریـــل

Interlock profile

0.461 kg/m

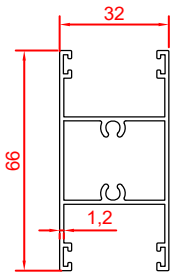


20166

پروفیـــــل ریـل فـــریم

Rail profile

0.124 kg/m



20082

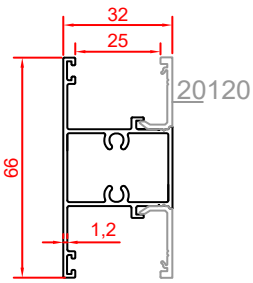
ســـپری بـــدون‌زهوار

T profile

0.403 kg/m

Jx=10.3 cm^4

Jy=5.03 cm^4



20083

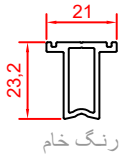
ســـپری‌زهوار دار

T profile

0.837 kg/m

Jx=8.42 cm^4

Jy=4.88 cm^4

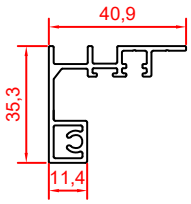


20167

پروفیـــل ثابـــت کننـــده

espagniolet adapter

0.350 kg/m

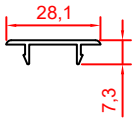


20206

آداپتـــور سه لنگـــه وسط بازشـــو قفـــل خور

Adapter profile

0.590 kg/m

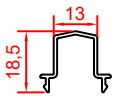


20164

آداپتـــور سه لنگـــه وسط بازشـــو بـــدون قفـــل

Adapter profile

0.153 kg/m



20163

آداپتـــور چهار لنگـــه وسط بازشـــو

Adapter profile

0.182 kg/m

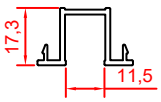


20200

اداپتـــور نصـــب اســـــپانیولت یـــو پـــی وی ســـی

Espagniolet adapter

0.791 kg/m

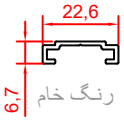


20168

آداپتـــور تـــک جداره

single glass adapter

0.295 kg/m



20199

پروفیـــــل جای تســـمه

Rod profile adapter

0.150 kg/m

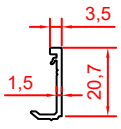


20150

پروفیـــــل تســـمه

Rod profile

0.182 kg/m

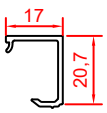


20120

زهوار لنگـــه

Glazing bid profile

0.137 kg/m

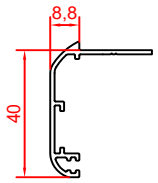


20125

زهوار تـــک جداره

Glazing bid profile

0.220 kg/m

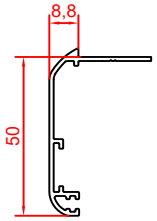


20093

پروفیـــــل رکـوب 40

border profile

0.361 kg/m

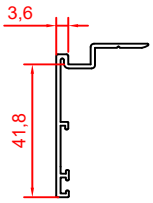


20092

پروفیـــــل رکـوب 50

border profile

0.398 kg/m

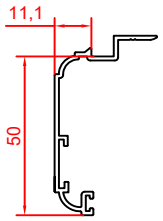


20091

پروفیـــــل رکـوب

border profile

0.328 kg/m

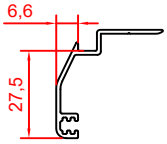


20097

پروفیـــــل رکـوب 50

border profile

0.398 kg/m

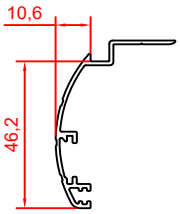


20096

پروفیـــــل روکـوب

border profile

0.274 kg/m

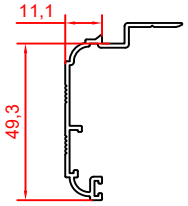


20095

پروفیـــــل روکـوب 50

border profile

0.379 kg/m

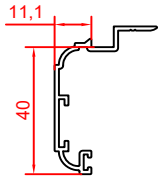


20094

پروفیـــــل روکـوب شـیار دار

border profile

0.416 kg/m

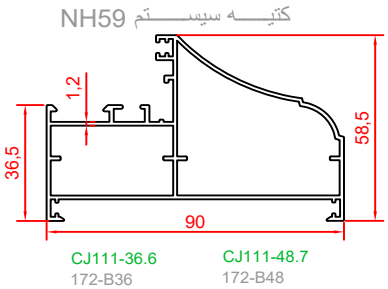


20098

پروفیـــــل روکـوب

border profile

0.373 kg/m

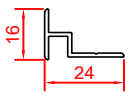


20005

پروفیـــــل کتیبـــــه

frame profile

1.258 kg/m

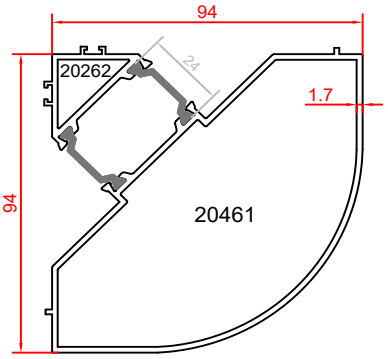


20151

مـــابین فـــریم و کتیبـــــه

sash profile

0.152 kg/m

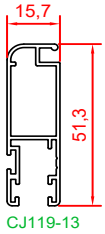


20262-20461

اداپتـــور کنـــج فـــریم

corner profile

2.401 kg/m

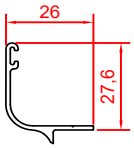


20144

لنگـــه تـــوری کشـــویی

fly screen profile

0.502 kg/m

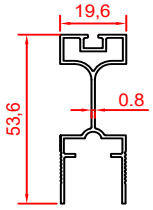


20169

ریـل تـوری فـــریم سه ریـل

fly screen rail profile

0.231 kg/m

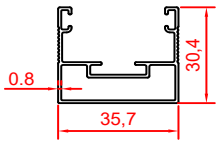


20193

لنگـــه بازشـــو تـــوری پلیســـــه

fly screen sash pr

0.380 kg/m



20194

فـــریم تـــوری پلیســـــه

flyscreen frame pr

0.360 kg/m

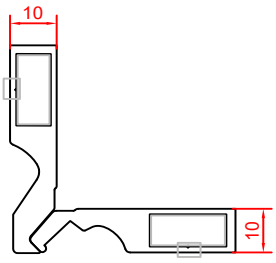


20141

وسط‌چهار لنگـــه تـــوری

adjoing for fly screen

0.149 kg/m

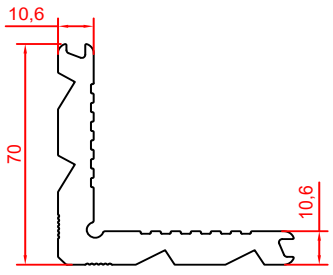


code : 172

PC B10

گونیـــــای آلـــنی فـــریم و لنگـــه

طول بـرش در انـدازه‌های مختلـف



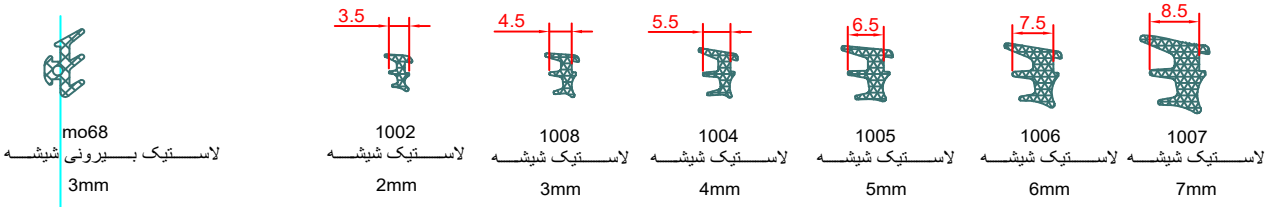
code : CJ111

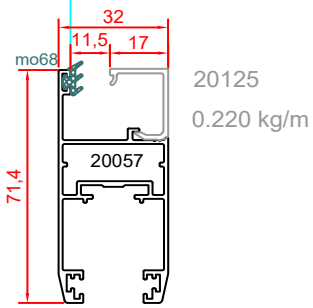
گونیـــــا پـــانچی

corner cleat

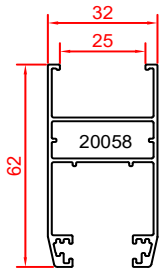
weight 3.32kg/m

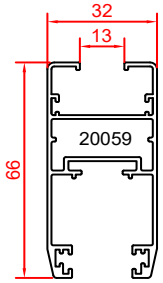
اندازه ی شیشه و زهوار های بازشو

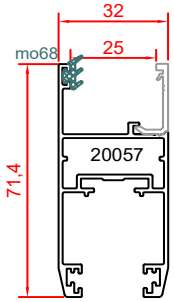




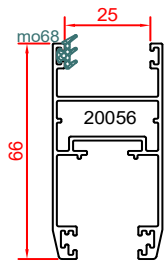
20125
0.220 kg/m

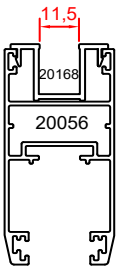




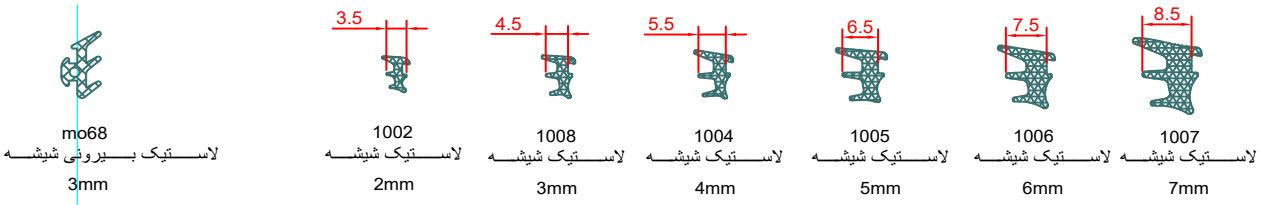


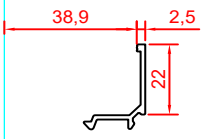
20120
0.137 kg/m



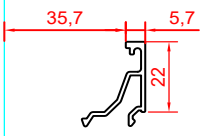


اندازه ی شیشه و زهوار های فریم

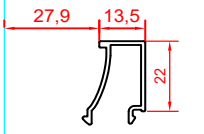




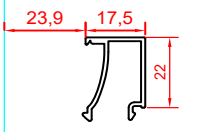
20118
0.186 kg/m



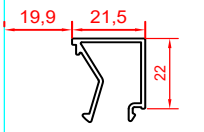
20117
0.234 kg/m



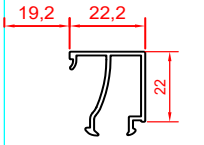
20119
0.249 kg/m



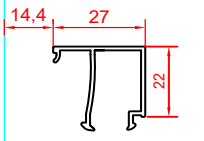
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0.265 kg/m



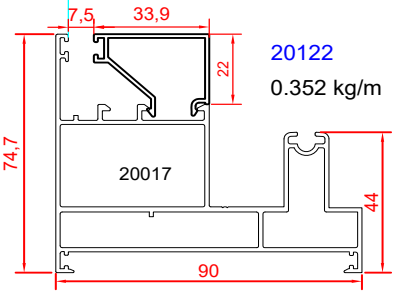
20114
0.287 kg/m



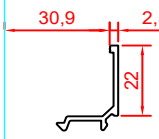
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0.293 kg/m



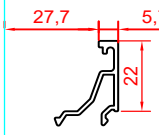
20111
0.312 kg/m



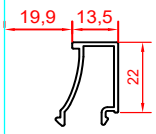
20122
0.352 kg/m



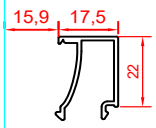
20118
0.186 kg/m



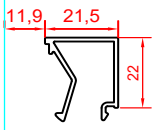
20117
0.234 kg/m



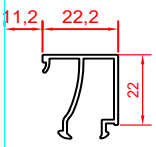
20119
0.249 kg/m



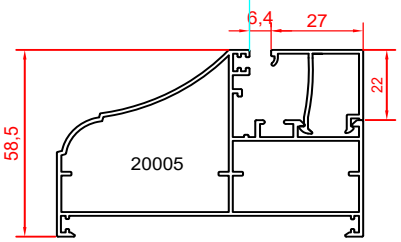
20115
0.265 kg/m



20114
0.287 kg/m

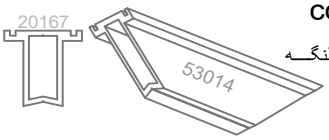
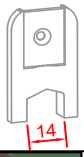
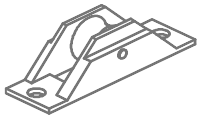
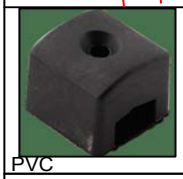
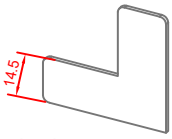
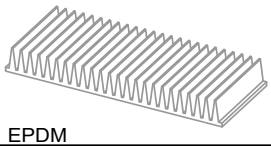


20112
0.293 kg/m

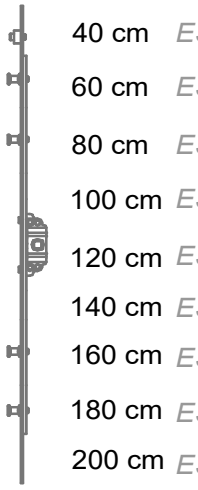
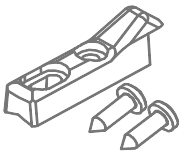
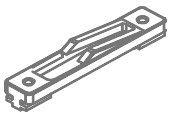


20111
0.312 kg/m

لیســـت یـراق الات

code : 53148 لاســـتیک فـــریم *frame gasket*  EPDM	مویـی 600  *BRUSH GASKET*
code:60031 لاســـتیک هوابنـــدی اینـــترلاک *interlock gasket*  EPDM	مویـی اینـــترلاک 800  *BRUSH GASKET*
لاســـتیک لنگـــه تـــوری *fly screen gasket*  EPDM	MS10 اســـتوپر داخل لنگـــه  *sash ineer stoper*
MO19 گونیـــا فلـــزی کوچـک *corner alignment*  GALVANIZED	code :53014 ثابـــت کننـــده ی الومنیومـــی لنگـــه  *sash fixing* aluminium
code :MS06- plus درپـوش پلاســـــتیکی اینـــترلاک *interlock profile cap*  PVC	code :MS100 بلبرینـــــگ لنگـــه تـــوری  *FLYSCREEN ROLLER*
MS10 اســـتوپر بـــیرون لنگـــه ثابـــت *sash outer stoper*  PVC	code :50210 بلبرینـــــگ فـــریم U شـــکل EM3832  *DOUBLE SLIDING ROLLER*
MM5 گونیـــا فلـــزی روکـوب *border alignment*  galvanized	code :ZM07 گردگـــیر پلاســـــتیکی  *CENTRAL SEALING*
code :917620 تســمه پلـــی امیـد *rod profile*  POLIAMID	گردگـــیر لاســـــتیکی  *CENTRAL SEALING* EPDM
دســـــتگیره ی لنگـــه تـــوری *screeninig handle*  aluminium	

لیســـت یـراق الات

 دســـــتگیره انگشـــــتی FORZA *forza recessed finger pull handle*	 40 cm *ESPAGNOLETTE* اســـــپانیولت 60 cm *ESPAGNOLETTE* اســـــپانیولت 80 cm *ESPAGNOLETTE* اســـــپانیولت 100 cm *ESPAGNOLETTE* اســـــپانیولت 120 cm *ESPAGNOLETTE* اســـــپانیولت 140 cm *ESPAGNOLETTE* اســـــپانیولت 160 cm *ESPAGNOLETTE* اســـــپانیولت 180 cm *ESPAGNOLETTE* اســـــپانیولت 200 cm *ESPAGNOLETTE* اســـــپانیولت
 دســـــتگیره انگشـــــتی کلیـــد دار FORZA *forza recessed handle hock with key*	
 زبانـــه قفـــل FORZA *forza hook (zamak)*	
 مقـــابلی قفـــل FORZA *forza striker (zamak)*	 دســـــتگیره ی اســـــپانیولت پنجـــره کشـــویی ROTO *ROTO WINDOW HANDLE*
	 مقـــابلی قفـــل اســـــپانیولت فـــریم U شـــکل *ESPAGNOLETTE STRIKKER*
	 مقـــابلی قفـــل اســـــپانیولت فـــریم V شـــکل ZAMAK *SLIDING ESPAGNOLETTE STRIKKER*

3

Curtain Wall System

سیستم کرتین وال

سیستم کرتین وال

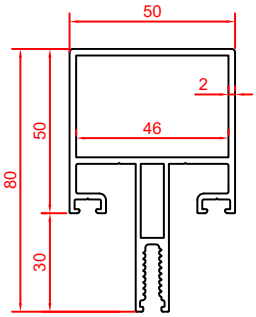
مشخصـــات سیســـــتم

- اندازهی عرض پروفیل : ۵۰ میلیمتر
- اندازهی ارتفاع پروفیل عمودی : ۵۰ _ ۲۴۰ میلیمتر
- اندازهی ارتفاع پروفیل افقی ۵۰ _۱۵۴ میلیمتر
- ضخامت دیواره ی پروفیل :۱/۴ _ ۲/۶ میلیمتر
- اندازهی ضخامت شیشه :۴ _ ۴۵میلیمتر
- کمترین اندازه ی بازشو: ۷۰۰ _ ۱۲۰۰میلیمتر
- بیشترین اندازهی بازشو : ۱۵۰۰ _ ۱۲۰۰ میلیمتر
- بیشترین وزن بازشو : ۱۵۰ میلیمتر
- دارای لاستیکهای استاندارد برای آببندی و هوابنـــدی نما
- استاندارد هوابندی : A۴ -۶۰۰ Pa
- استاندارد آ ببندی : A۴ - ۱۲۰۰ Pa
- مقاومت فشـــار بـــاد : ۱۲۰۰Pa
- اندازه ی عایق حرارتی :$2.64-3.88 w/(m^2.k)$
- امکان اجرای کرتین وال نمای کپ دار، نیم کپ یو چنل و فول فریم لس

3 01

Curtain Wall System





21000

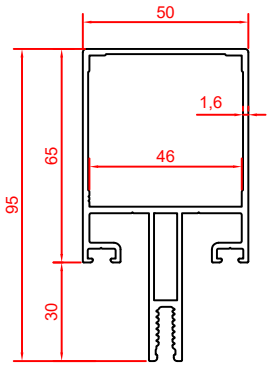
پروفیـــــل عمودی

Mullion profile

1.78 kg/m

Jx=31.97 cm^4

Jy=16.43 cm^4



21001

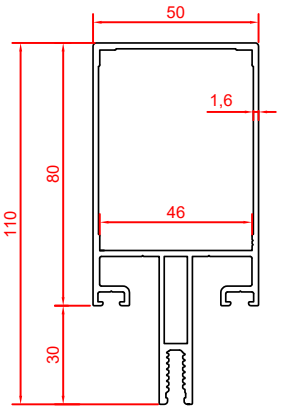
پروفیـــــل عمودی

Mullion profile

1.799 kg/m

Jx=48.09 cm^4

Jy=18.16 cm^4



21002

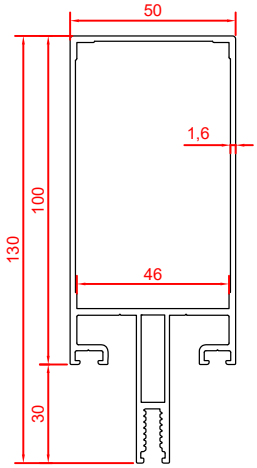
پروفیـــــل عمودی

Mullion profile

1.961 kg/m

Jx=72.3 cm^4

Jy=20.99 cm^4



21003

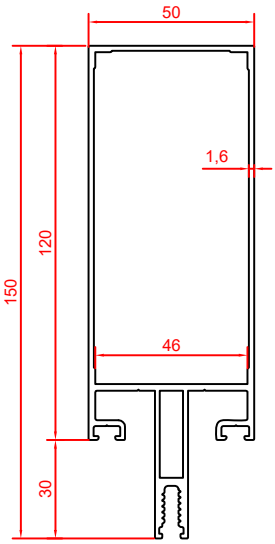
پروفیـــــل عمودی

Mullion profile

2.142 kg/m

Jx=117.20 cm^4

Jy=24.71 cm^4



21019

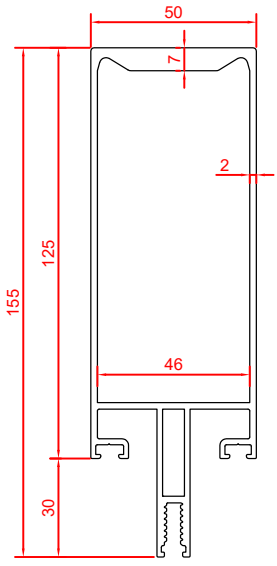
پروفیـــــل عمودی

Mullion profile

2.220 kg/m

Jx=175.26 cm^4

Jy=28.51 cm^4



21004

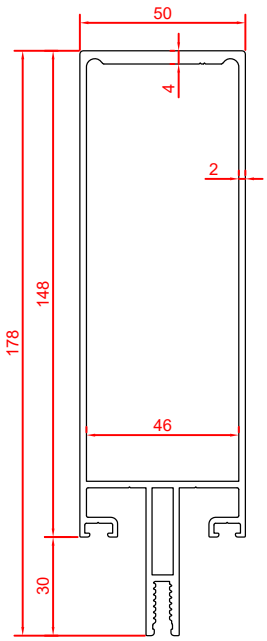
پروفیـــــل عمودی

Mullion profile

3.179 kg/m

Jx=298.4 cm^4

Jy=35.90 cm^4



21005

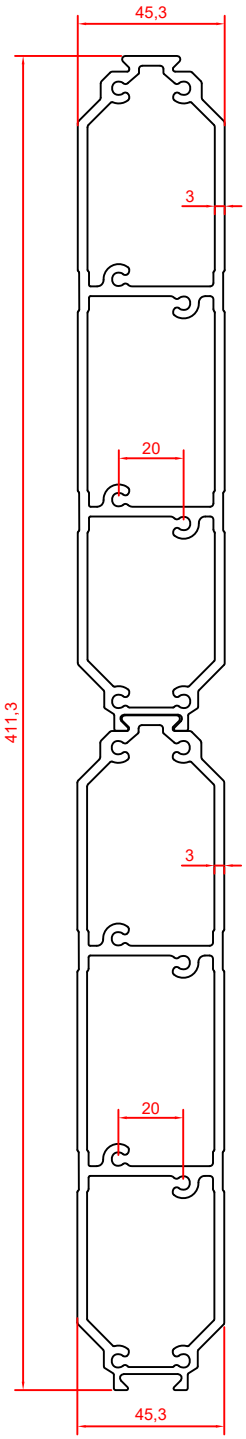
پروفیـــــل عمودی

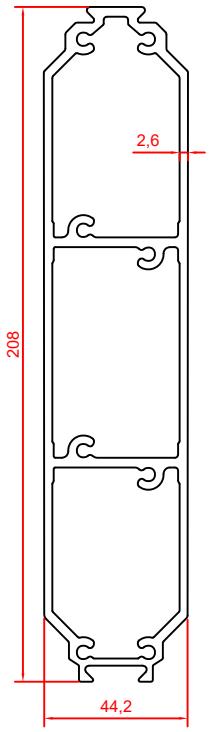
Mullion profile

3.196 kg/m

Jx=384.4 cm^4

Jy=40.46 cm^4



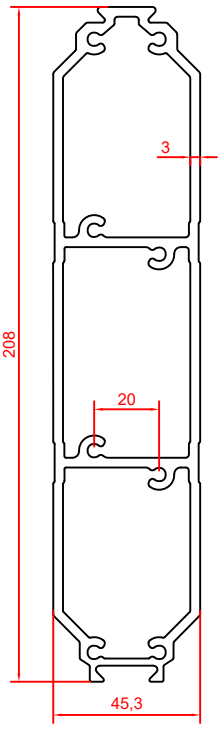


21020

اینســـرت ما بیـــن عمودی

Dilatation Profile

4.650 kg/m

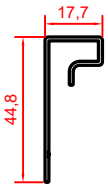


21021

اینســـرت ما بیـــن عمودی

Dilatation Profile

5.00 kg/m

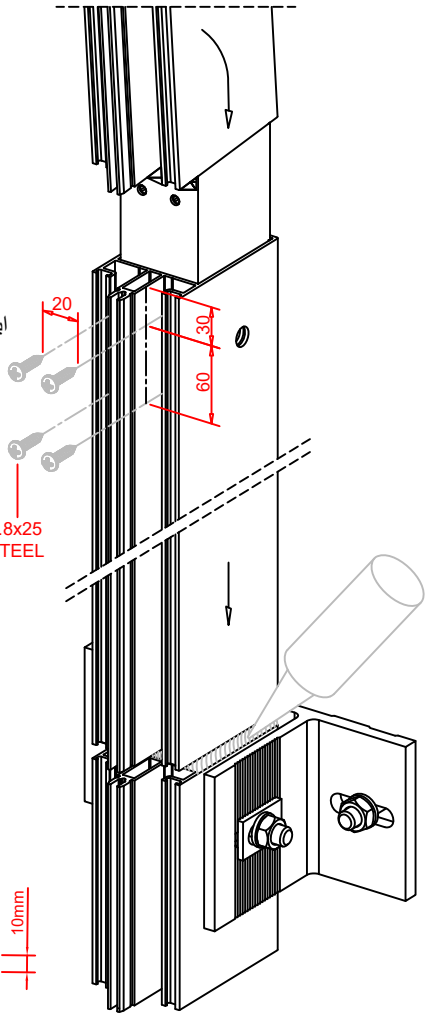


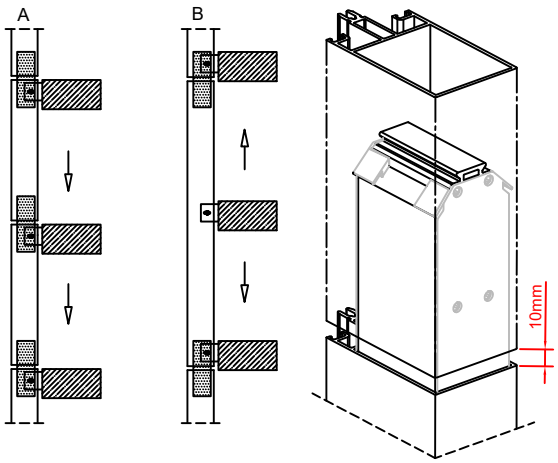
21117

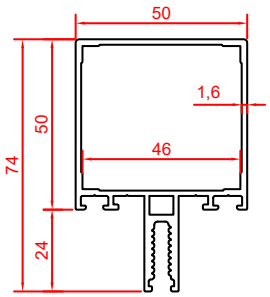
درزگـــیر بیـــن دو عمودی

Dilatation Profile

0.284 kg/m







21042

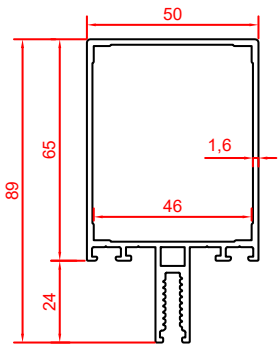
پروفیـــــل افقـــی

Transom profile

1.389 kg/m

Jx=13.60 cm^4

Jy=25.15 cm^4



21043

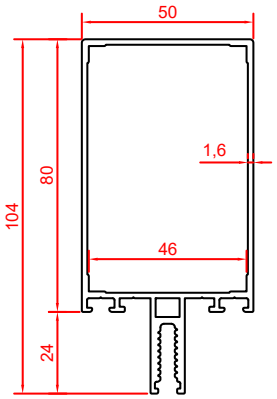
پروفیـــــل افقـــی

Transom profile

1.539 kg/m

Jx=14.44 cm^4

Jy=42.43 cm^4



21044

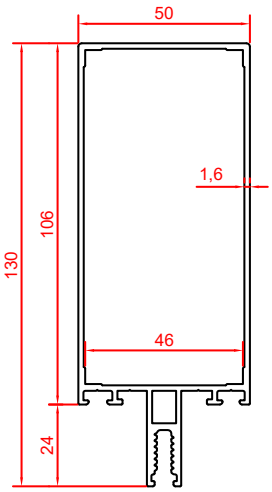
پروفیـــــل افقـــی

Transom profile

1.678 kg/m

Jx=19.21 cm^4

Jy=65.57 cm^4



21045

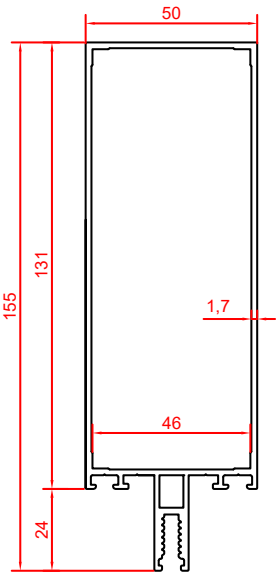
پروفیـــــل افقـــی

Transom profile

1.871 kg/m

Jx=24.1 cm^4

Jy=120.01 cm^4



21046

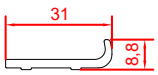
پروفیـــــل افقـــی

Transom profile

2.196 kg/m

Jx=30.13 cm^4

Jy=199.79 cm^4

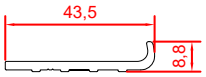


21113

24 mm تـــاکوز شیشـــه

Glass support

0.258 kg/m

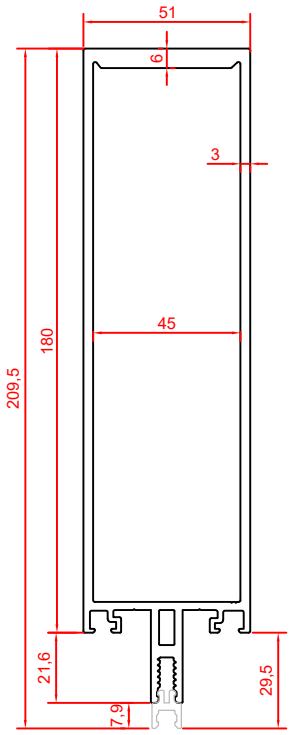


21114

36 mm تـــاکوز شیشـــه

Glass support

0.349 kg/m



21013

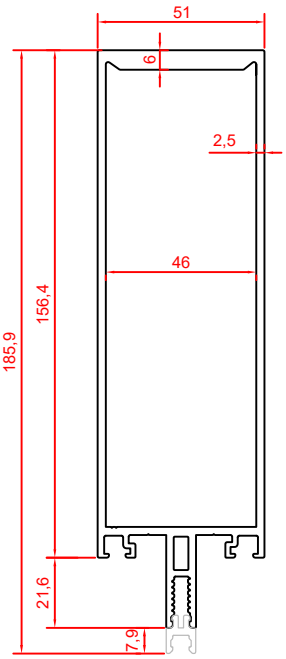
پروفیـــــل عمودی

Mullion profile

4.709 kg/m

Jx=750 cm^4

Jy=63 cm^4



21012

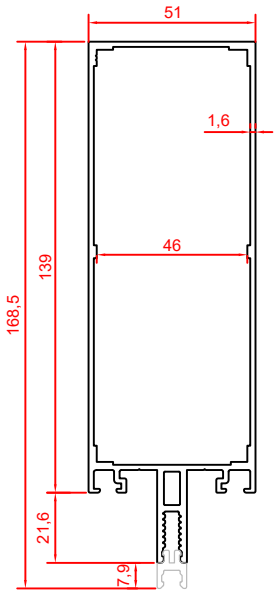
پروفیـــــل عمودی

Mullion profile

3.780 kg/m

Jx=481.35 cm^4

Jy=53.2 cm^4



21011

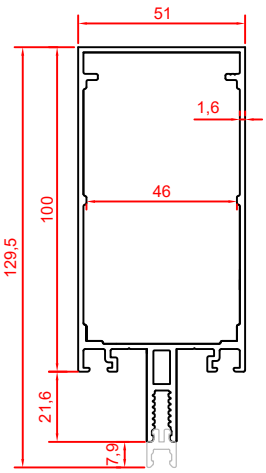
پروفیـــــل عمودی

Mullion profile

2.321 kg/m

Jx=228.53 cm^4

Jy=33.56 cm^4



21010

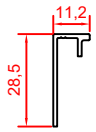
پروفیـــــل عمودی

Mullion profile

1.955 kg/m

Jx=104.82 cm^4

Jy=25.76 cm^4

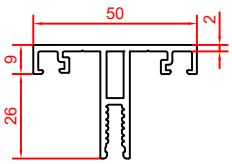


21126

درزگـــیر بیـــن دو عمودی

Dilatation Profile

0.146 kg/m

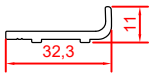


21017

Add on پروفیـــــل

Add on profile

0.851 kg/m

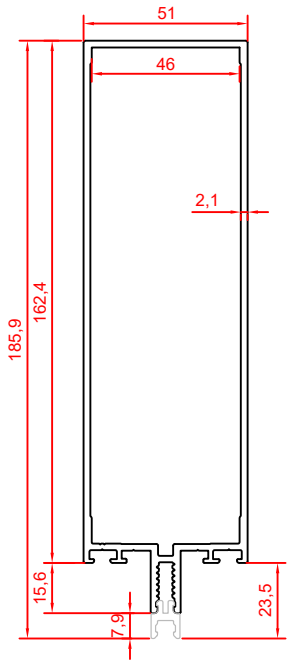


21139

تـــاکوز شیشـــه

Glass support

0.280 kg/m



21049

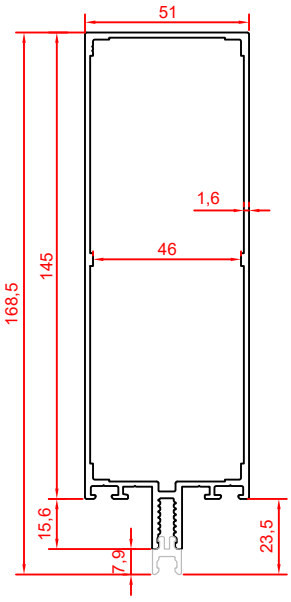
پروفیـــــل افقـــی

Transom profile

2.684 kg/m

Jx=44.72 cm^4

Jy=344.42 cm^4



21048

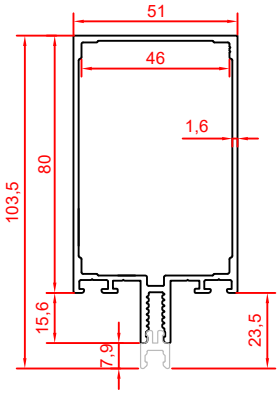
پروفیـــــل افقـــی

Transom profile

2.187 kg/m

Jx=33.9 cm^4

Jy=256.59 cm^4



21047

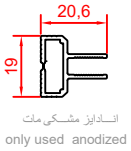
پروفیـــــل افقـــی

Transom profile

1.566 kg/m

Jx=20.75 cm^4

Jy=56.78 cm^4

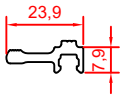


21135

اسپیســـــر دو جداره یـو چنـل

Duble glazing spacer

0.270 kg/m

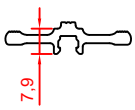


21131

کلیپـــــس یوچنـــل

Mullion profile

0.270 kg/m

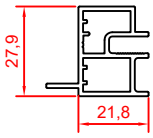


21132

کلیپـــــس یوچنـــل

Mullion profile

0.410 kg/m

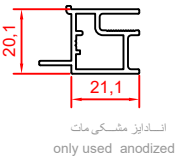


21134

اسپیســـــر ورق کامپوزیـــت

Composite panel profile

0.535 kg/m

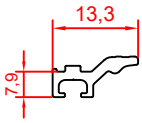


21133

سپیســـــر شیشـــه تـک جداره

single glass profile

0.420 kg/m

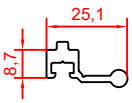


CW 21149

کلیپـــــس یوچنـــل

Mullion profile

0.270 kg/m

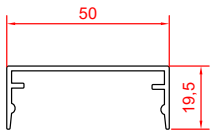


KP22070

کلیپـــــس یوچنـــل

Mullion profile

0.305 kg/m

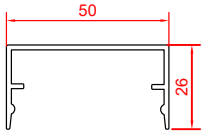


21080

پروفیـــل درپـوش

Cover cap profile

0.408 kg/m

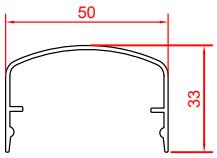


21082

پروفیـــل درپـوش

Cover cap profile

0.465 kg/m

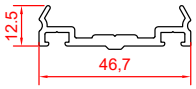


21081

درپـوش عمودی

mullion cover profile

0.427 kg/m

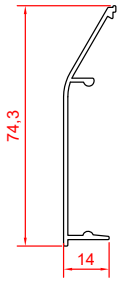


21087

پروفیـــل نگهدارنـــده

Pressur plate profile

0.495 kg/m

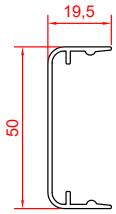


21083

درپـوش افقـــی

Transom cover profile

0.391 kg/m

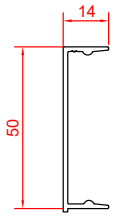


21084

درپـوش افقـــی

Transom cover profile

0.354 kg/m

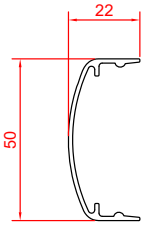


21085

درپـوش افقـــی

Transom cover profile

0.319 kg/m

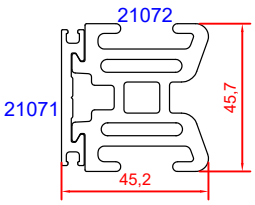


21086

درپـوش افقـــی

Transom cover profile

0.351 kg/m

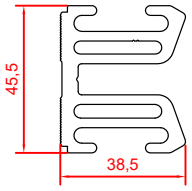


21071-21072

پروفیـــل لقمـه کشـــویی

Connector profile

0.486+2.34 kg/m

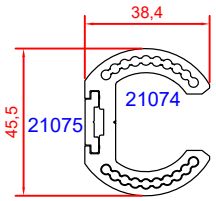


21073

پروفیـــل لقمـه ثابـــت

Connector profile

2.141 kg/m

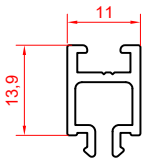


21074-21075

پروفیـــل افقـــی

Transom profile

0.172+1.733 kg/m

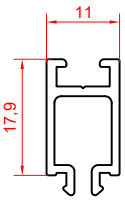


21089

اداپتـــور شیشـــه

Glass adapter profile

0.195 kg/m

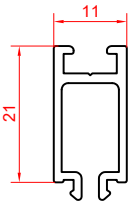


21090

اداپتـــور شیشـــه

Glass adapter profile

0.222 kg/m

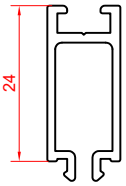


21091

اداپتـــور شیشـــه

Glass adapter profile

0.248 kg/m

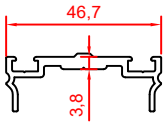


21092

اداپتـــور شیشـــه

Glass adapter profile

0.270 kg/m



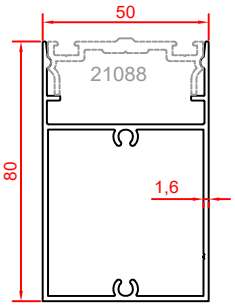
رنگ خام

21088

نگهدارنـــده ی پروفیـــل دوکـــی

Glass support pr

0.516 kg/m

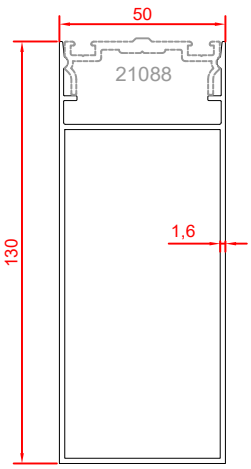


21079

پروفیـــل درپـــوش مســـتطیل

Cover cap profile

1.262 kg/m

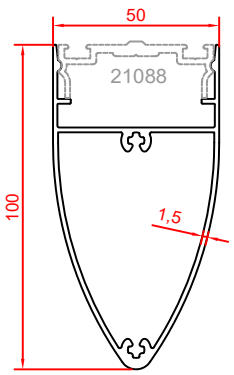


21078

پروفیـــل درپـــوش مســـتطیل

Cover cap profile

1.678 kg/m

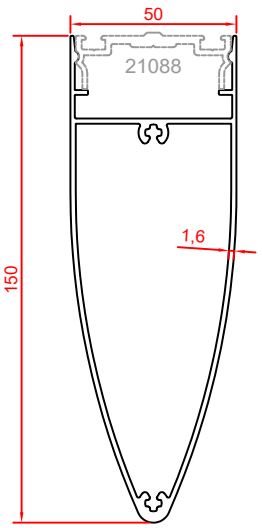


21076

پروفیـــل درپـــوش دوکـــی

Cover cap profile

1.328 kg/m

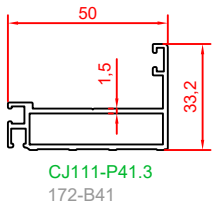


21077

پروفیـــل درپـــوش دوکـــی

Cover cap profile

1.821 kg/m

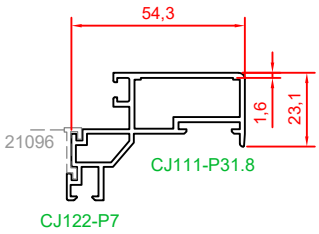


21097

فـــریم بازشـــو نرمـال

Frame profile

0.665 kg/m



21095

لنگـــه بازشـــو نرمـال

Sash profile

0.935 kg/m

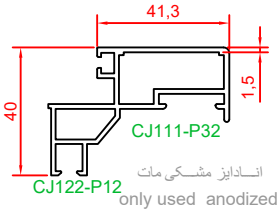


21096

آداپتـــور چسب شیشـــه

Glazing bonding pr.

0.077 kg/m



GP 40410

لنگـــه بازشـــو نرمـال

Sash profile

0.885 kg/m

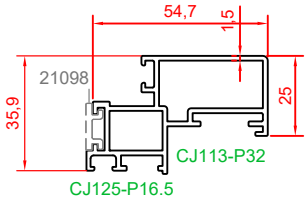


21098

آداپتـــور چسب شیشـــه

Glazing bonding pr.

0.126 kg/m

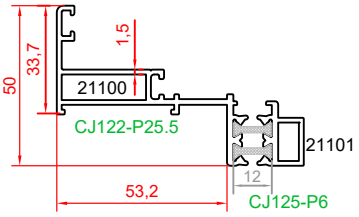


21099

لنگـــه بازشـــو نرمـال

Sash profile

0.975 kg/m

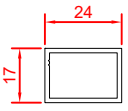


21100-21101

Face cap فـــریم بازشـــو

Frame profile

1.252 kg/m

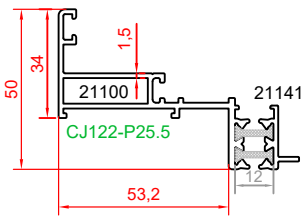


21093

قوطـی داخل بازشـــو

Box24x17 mm pr

0.308 kg/m

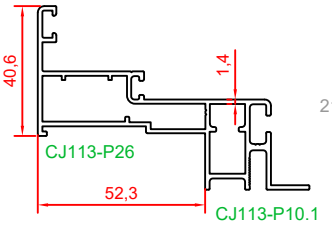


21100-21141

فـــریم بازشـــو یـو چنـل

Frame profile

1.150 kg/m

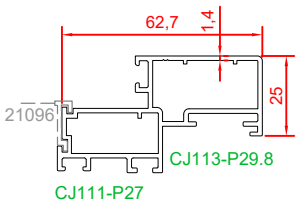


21140

فـــریم نرمـال بازشـــو یـو چنـل

Frame profile

1.700 kg/m



21137

لنگـــه نرمـال یـو چنـل

Sash profile

1.009 kg/m

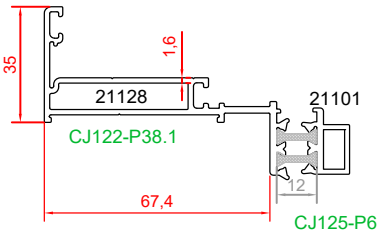


21075

تســـمه ی بازشـــو

Rod profile

0.516 kg/m

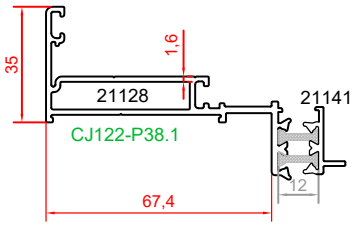


21101-21128

Face cap فـــریم بازشـــو پارالـــل

Frame profile

1.411 kg/m

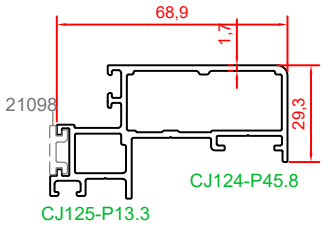


21128-21141

فـــریم بازشـــو پارالـــل یـــو چنـل

Frame profile

1.310 kg/m

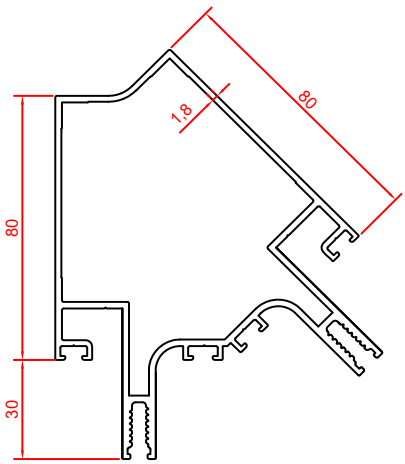


21127

لنگـــه بازشـــو پارالـــل

Sash profile

1.246 kg/m

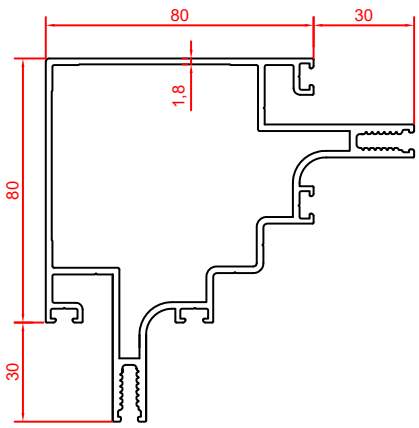


21115

پروفیـــــل کنـــج بـــــیرونی 135°

Outer corner profile 135

2.865 kg/m

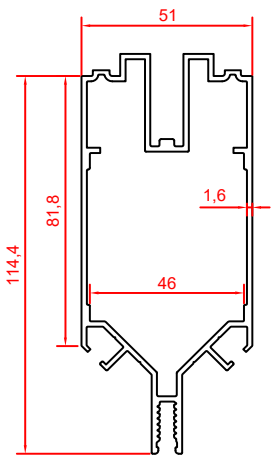


21111

پروفیـــــل کنـــج بـــــیرونی 90°

Outer corner profile 90

2.915 kg/m

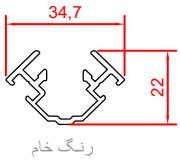


21118

آدپتـــور کنـــج بـــــیرونی 90°

Outer corner adapter 90

2.059 kg/m

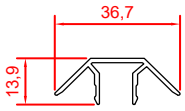


21102

نگهدارنـــده ی کنـــج داخلـی 90°

Glazing bonding pr.

0.379 kg/m

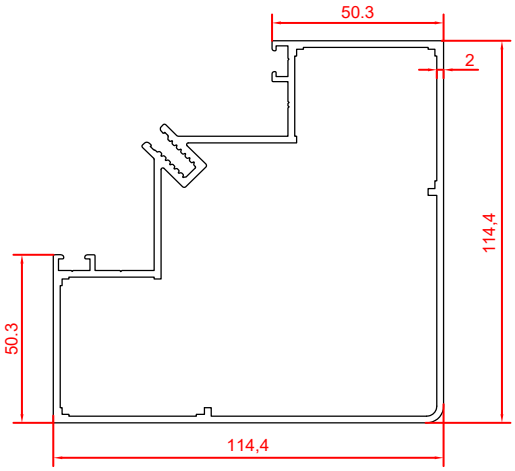


21103

درپـوش کنـــج داخلـی 90°

90 inner corner caver pr.

0.251 kg/m

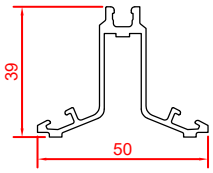


21104

پروفیـــــل کنـــج داخلـی 90°

90Inner corner pr.

2.938 kg/m



21105

اداپتـــور کنـــج بـــــیرونی 90°

Outer corner 90 adapter

0.621 kg/m

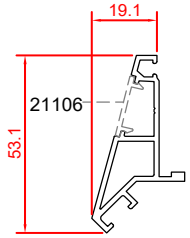


21106

درپـوش پیـــچ

Cover profile

0.087 kg/m

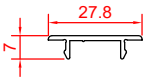


21107

اداپتـــور کنـــج داخلـی 90°

Inner corner 90 adapter

1.029 kg/m

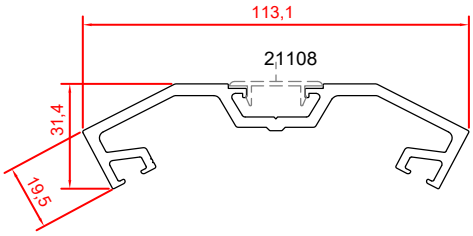


21108

درپـوش پیـــچ

Cover profile

0.153 kg/m

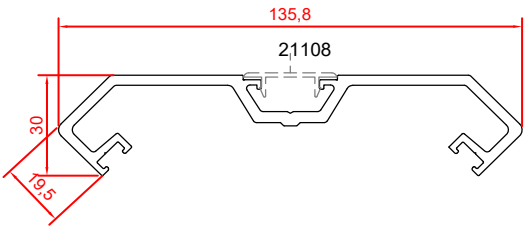


21109

درپـوش کنـــج بـــــیرونی 135°

135 corner cover profile

1.807 kg/m

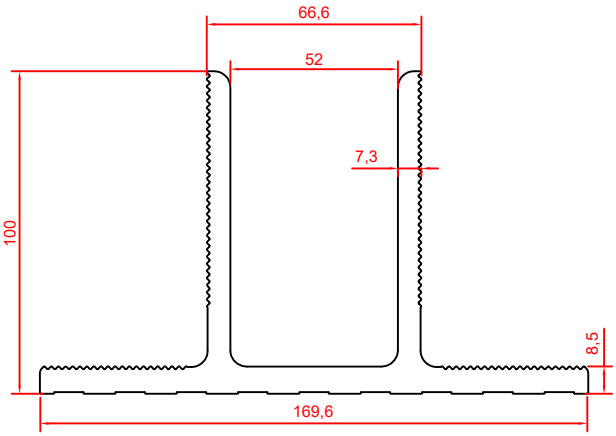


21110

درپـوش کنـــج بـــــیرونی 90°

90 corner cover profile

1.800 kg/m

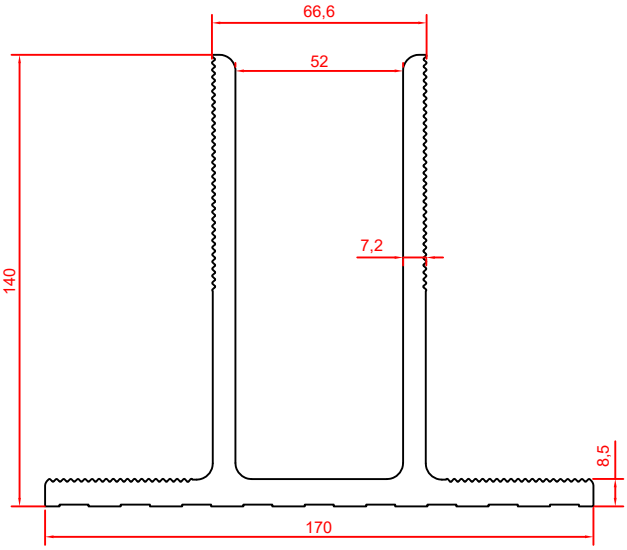


21121

براکـــت کـــــرتین وال 100mm

Bracket profile

7.526 kg/m

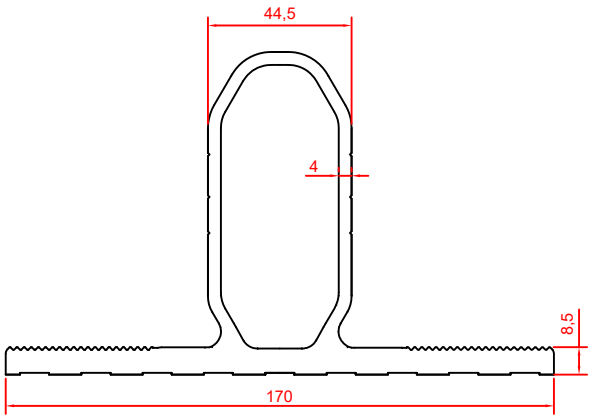


21122

براکـــت کـــــرتین وال 100mm

Bracket profile

9.152 kg/m

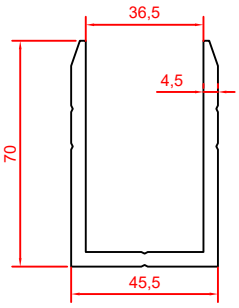


21123

براکـــت اتصـــال بـــه ســـقف

Bracket profile

6.310 kg/m

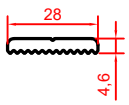


21125

براکـــت اتصـــال بـــه کـــف

Bracket profile

4.157 kg/m



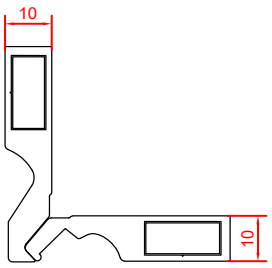
21124

پروفیـــــل واشـــر پیـــــچ‌مهره

Bracket profile

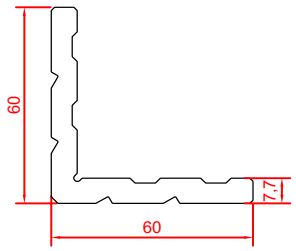
0.323 kg/m

گونیـــــای آلومینیومـــــــی بازشـــو

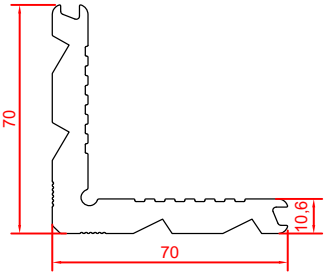


code : 172
PC B10
گونیـــای آلـــنی فـــریم و لنگـــه

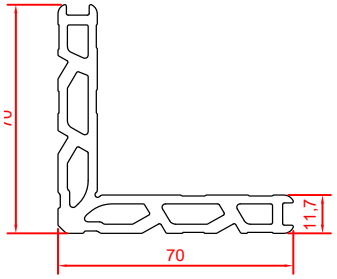
طول بـــرش در انـدازه‌های مختلـــف



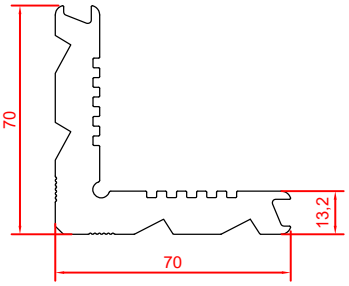
code : CJ122
گونیـــا پـــانچی
Corner Cleat
weight :2.199 kg/m



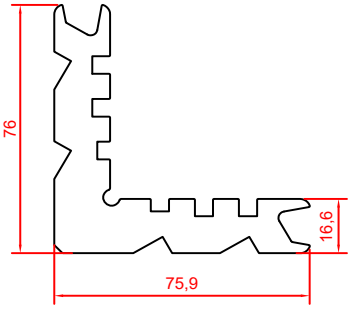
code : CJ111
گونیـــا پـــانچی
Corner Cleat
weight : 3.32kg/m



code : CJ125
گونیـــا پـــانچی
Corner Cleat
weight :2.299 kg/m

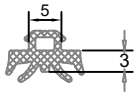
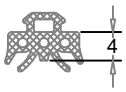
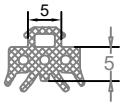
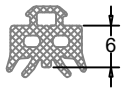
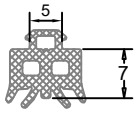
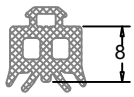
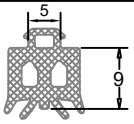
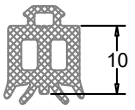
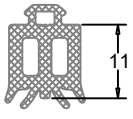
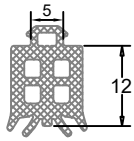


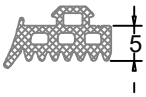
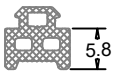
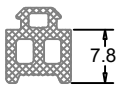
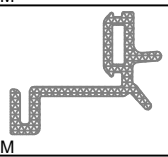
code : CJ113
گونیـــا پـــانچی
Corner Cleat
weight : 4.03kg/m



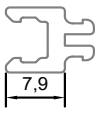
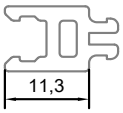
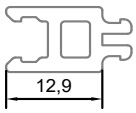
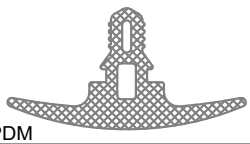
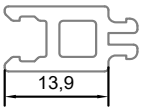
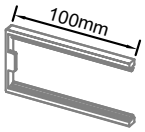
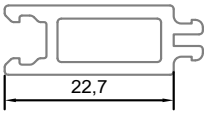
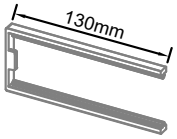
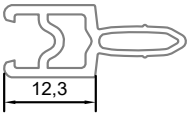
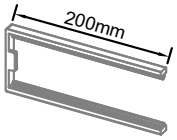
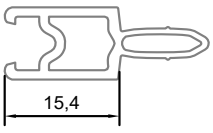
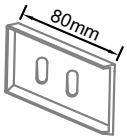
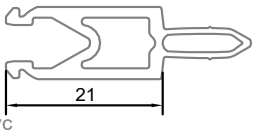
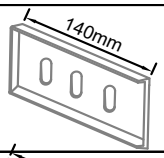
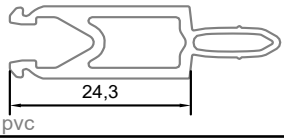
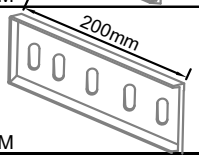
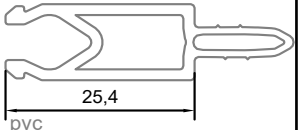
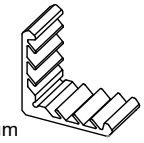
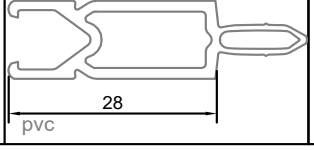
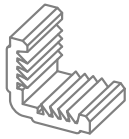
code : CJ124
گونیـــا پـــانچی
Corner Cleat
weight :5.149 kg/m

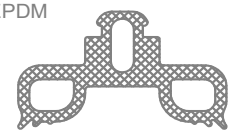
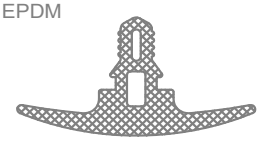
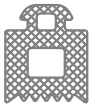
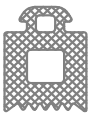
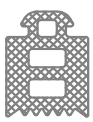
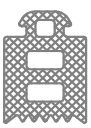
ACCESSORIES LIST

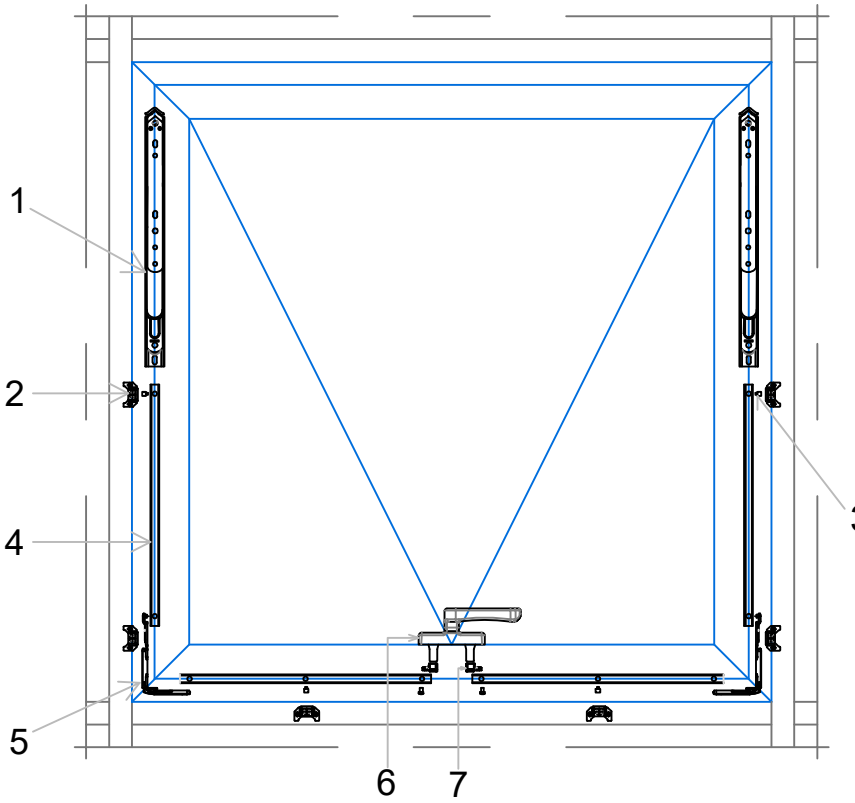
DRAWING	CODE	DESCRIPTION
 EPDM	CF.03 (3 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.04 (4 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.05 (5 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.06 (6 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.07 (7 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.08 (8 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.09 (9 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.10 (10 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.11 (11 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket
 EPDM	CF.12 (12 MM)	لاستیک شیشه کرتین وال Facade Glazing Gasket

DRAWING	CODE	DESCRIPTION
 EPDM	KF.30 (3 MM)	لاستیک نگهدارنده Under Cover outher Glazing Gasket
 EPDM	KF.50 (5 MM)	لاستیک نگهدارنده Under Cover outher Glazing Gasket
 EPDM	MF.06 (6 MM)	لاستیک پیچ نگهدارنده Center Pressure Gasket
 EPDM	MF.08 (8 MM)	لاستیک پیچ نگهدارنده Center Pressure Gasket
 EPDM	TF.20	لاستیک درز گیر بازشو Sash Gasket
 EPDM	mo60-006	لاستیک مابین فریم و بازشو نرمال Sash-Frame Gasket
 EPDM	KYF.10	لاستیک مابین فریم و بازشو Sash-Frame Gasket
 EPDM	KTF.20	لاستیک درز گیر فریم Frame Gasket
 EPDM	CYF10	لاستیک بازشو یو چنل Opening Gasket
 EPDM	STF-3158	لاستیک فریم یو چنل 21141 Frame Gasket

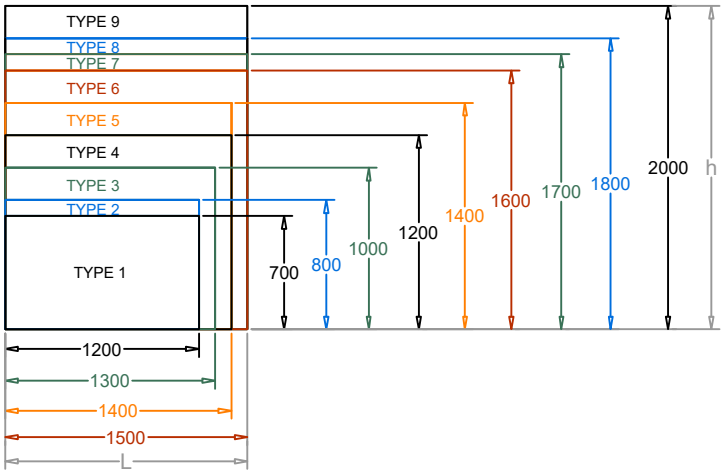
Accessores list

CODE	DRAWING	CODE	DRAWING
NPP 028 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	CTF30 لاســـتیک فیکـــس یـو چنـل Central Gasket	EPDM 
NPP 094 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	STF.30 لاســـتیک فیکـــس یـو چنـل Central Gasket	EPDM 
NPP 021 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	KF 10 لاســـتیک نیـم کـپ Semi -Coverd Facade Gasket	EPDM 
NPP 121 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	FS50-KG 10 لاســـتیک کـــانکتور افقـــی کشـــویی Gasket For Transom Joint	EPDM 
NPP 095 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	FS50-KG 13 لاســـتیک کـــانکتور افقـــی کشـــویی Gasket For Transom Joint	EPDM 
NPP 278 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	FS50-KG 20 لاســـتیک کـــانکتور افقـــی کشـــویی Gasket For Transom Joint	EPDM 
NPP 139 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	FS50-DG 8 لاســـتیک کـــانکتور فیکـــس Gasket For Transom Joint	EPDM 
NPP 140 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	FS50-DG 14 لاســـتیک کـــانکتور فیکـــس Gasket For Transom Joint	EPDM 
NPP 143 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	FS50-DG 20 لاســـتیک کـــانکتور فیکـــس Gasket For Transom Joint	EPDM 
NPP 283 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	STF-31 گونیـــای آلومینیومـــی اسپیســـر یـو چنـل Corner Joint	Aluminium 
NPP 141 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	pvc 	STF-32 گونیـــای پلاســـتیکی اسپیســـر یـو چنـل Corner Joint	PVC 

CODE	FORM	CODE	FORM
CF 03	EPDM 	MF 08	EPDM 
CF 04	EPDM 	MF 06	EPDM 
CF 05	EPDM 	KYF 10	EPDM 
CF 06	EPDM 	OYF 30	EPDM 
CF 07	EPDM 	TF 20	EPDM 
CF 08	EPDM 	KTF 20	EPDM 
CF 09	EPDM 	KF 10	EPDM 
CF 10	EPDM 	1536	EPDM 
CF 11	EPDM 	CYF10	EPDM 
CF 12	EPDM 	CTF30	EPDM 
CF 13	EPDM 		

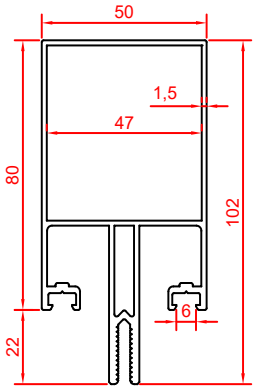


1	لـولا کـاردی ARM	
2	مقـــابلی قفـــل STRIKER	
3	پیـــم تســـمه STEM BAR PIN	
4	تســـمه STEM BAR	
5	اداپتـــور گوشـــه ی بازشـــو CORNER TRANFER	
6	دســـتگیره کـــرتین وال HANDLE	
7	کـــانکتور دســـتگیره CONNECTION ROD	



TYPE	دســـتگیره کـــرتین وال HANDLE	کـــانکتور دســـتگیره CONNECTION ROD	مقـــابلی قفـــل STRIKER	پیـــم تســـمه PIN	لـولا بازشـــو کـــرتین وال SUPPORT BLOCK	قفـــل ضـــلع بـــالا BURGLAR BOLT	اداپتـــور گوشـــه ی بازشـــو CORNER TRANFER	لـولای تنظیـــم بازشـــو LASER ARM
1	1 pice	2 pice	2 pice	2 pice	2 pice			
2	1 pice	2 pice	2 pice	2 pice	2 pice			
3	1 pice	2 pice	2 pice	2 pice	2 pice	2 pice		
4	1 pice	2 pice	2 pice	2 pice	2 pice	2 pice		
5	1 pice	2 pice	4 pice	4 pice	2 pice	2 pice	2 pice	
6	1 pice	2 pice	4 pice	4 pice	2 pice	2 pice	2 pice	
7	1 pice	2 pice	6 pice	6 pice	2 pice	2 pice	2 pice	
8	1 pice	2 pice	6 pice	6 pice	2 pice	2 pice	2 pice	
9	1 pice	2 pice	6 pice	6 pice	2 pice	2 pice	2 pice	2 pice

OTHER PROFILES



GP 40359

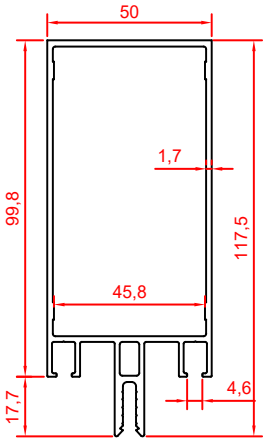
پروفیـــــل عمودی

Mullion profile

1.831 kg/m

Jx=59.56 cm^4

Jy=19.57 cm^4



GP 40366

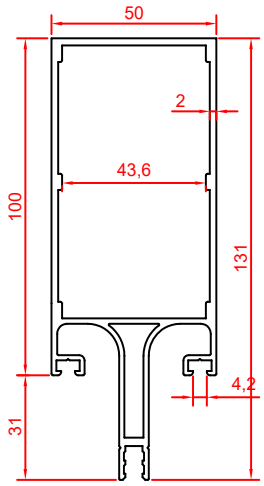
پروفیـــــل عمودی

Mullion profile

1.850 kg/m

Jx=98.14 cm^4

Jy=23.92 cm^4



GP 40350

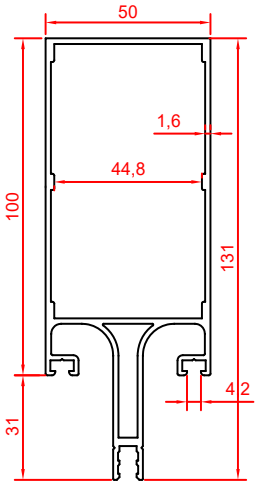
پروفیـــــل عمودی

Mullion profile

2.260 kg/m

Jx=126.66 cm^4

Jy=29.21 cm^4



GP 40349

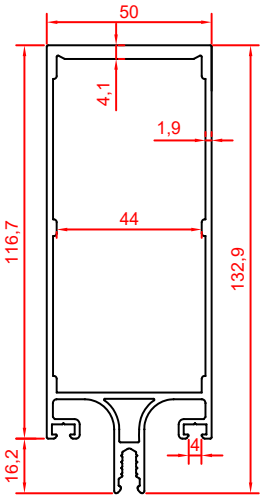
پروفیـــــل عمودی

Mullion profile

2.018 kg/m

Jx=113.16 cm^4

Jy=25.24 cm^4



GP 40351

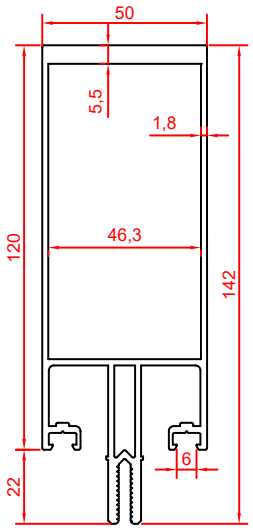
پروفیـــــل عمودی

Mullion profile

2.538 kg/m

Jx=189.32 cm^4

Jy=33.70 cm^4



GP 40360

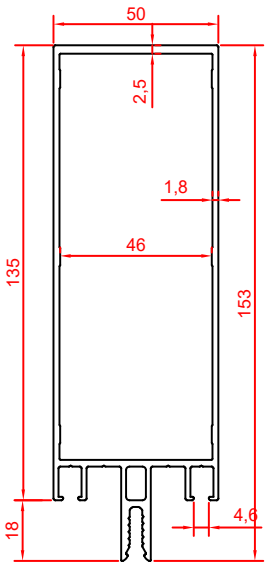
پروفیـــــل عمودی

Mullion profile

3.116 kg/m

Jx=255.56 cm^4

Jy=34.59 cm^4



GP 40367

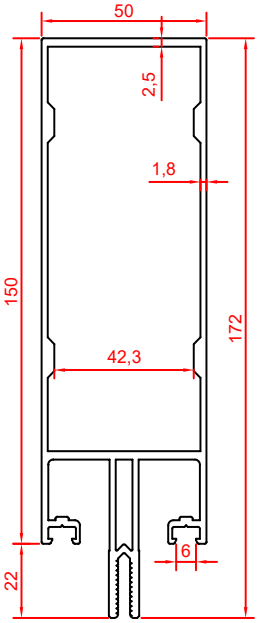
پروفیـــــل عمودی

Mullion profile

2.443 kg/m

Jx=223.99 cm^4

Jy=33.07 cm^4



GP 40361

پروفیـــــل عمودی

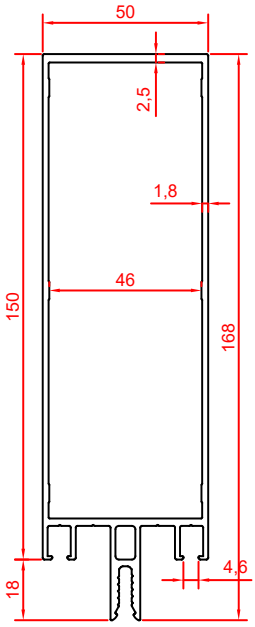
Mullion profile

3.213 kg/m

Jx=342.41 cm^4

Jy=42.95 cm^4

OTHER PROFILES



GP 40368

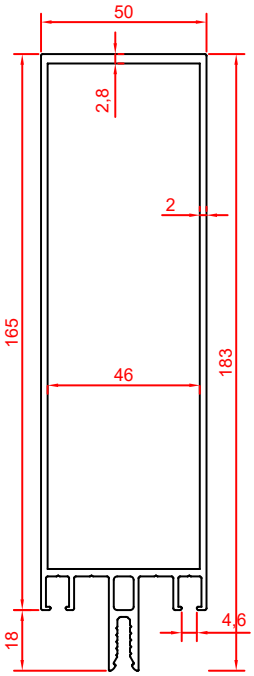
پروفیـــــل عمودی

Mullion profile

2.550 kg/m

Jx=290.46 cm^4

Jy=36.37 cm^4



GP 40369

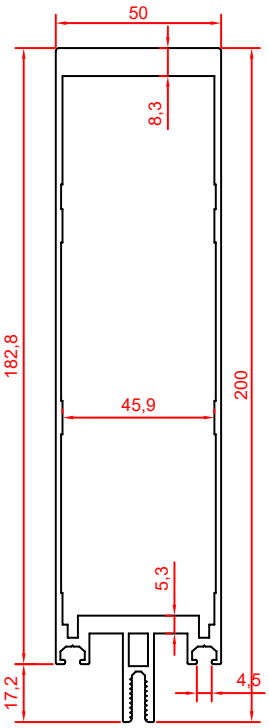
پروفیـــــل عمودی

Mullion profile

2.890 kg/m

Jx=386.98 cm^4

Jy=42.62 cm^4



GP 40376

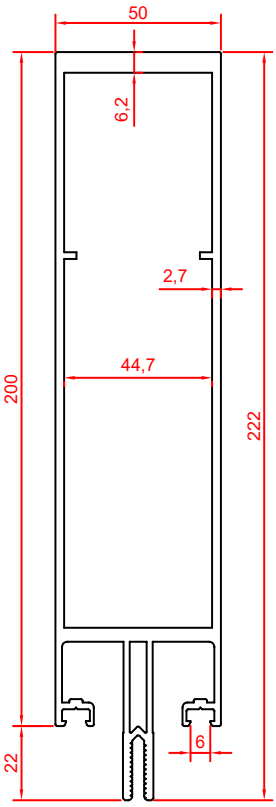
پروفیـــــل عمودی

Mullion profile

4.015 kg/m

Jx=790.82 cm^4

Jy=50.58 cm^4



GP 40362

پروفیـــــل عمودی

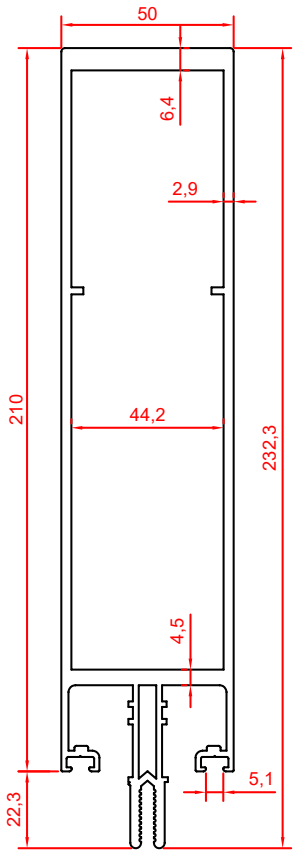
Mullion profile

4.950 kg/m

Jx=961.25 cm^4

Jy=68.40 cm^4

OTHER PROFILES



GP 40363

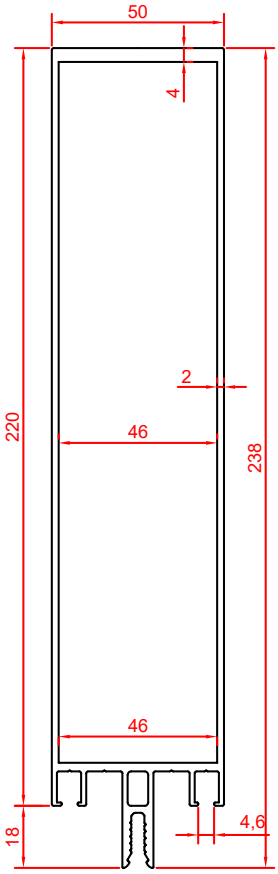
پروفیـــــل عمودی

Mullion profile

5.420 kg/m

Jx=1143.54 cm^4

Jy=76.56 cm^4



GP 40370

پروفیـــــل عمودی

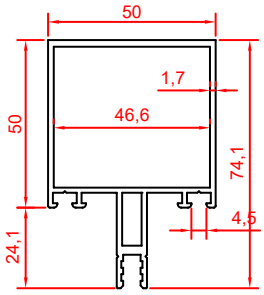
Mullion profile

3.650 kg/m

Jx=867.26 cm^4

Jy=56.52 cm^4

OTHER PROFILES



GP 40352

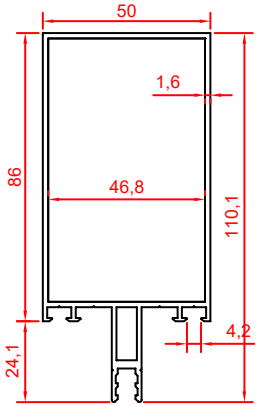
پروفیـــــل افقـــی

Transom profile

1.280 kg/m

Jx=13.48 cm^4

Jy=24.20 cm^4



GP 40355

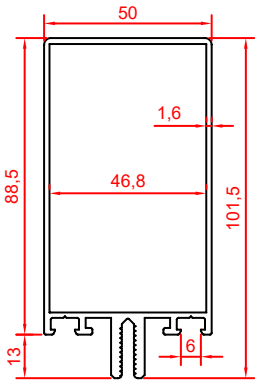
پروفیـــــل افقـــی

Transom profile

1.480 kg/m

Jx=19.34 cm^4

Jy=66.01 cm^4



GP 40364

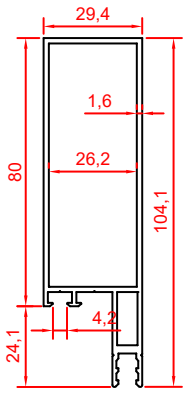
پروفیـــــل افقـــی

Transom profile

1.600 kg/m

Jx=20.42 cm^4

Jy=71.46 cm^4



GP 40354

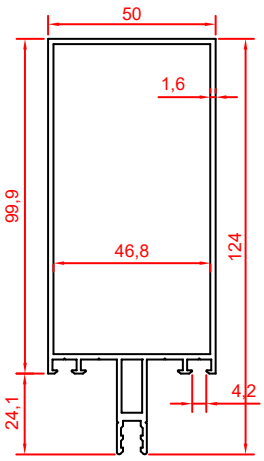
پروفیـــــل افقـــی

Transom profile

1.210 kg/m

Jx=6.3 cm^4

Jy=45.19 cm^4



GP 40356

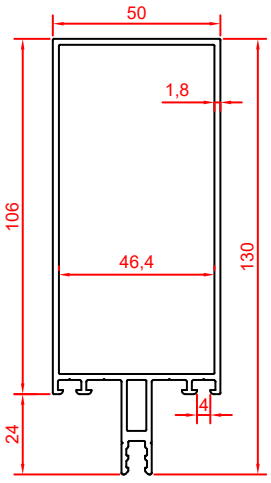
پروفیـــــل افقـــی

Transom profile

1.610 kg/m

Jx=21.95 cm^4

Jy=92.06 cm^4



GP 40357

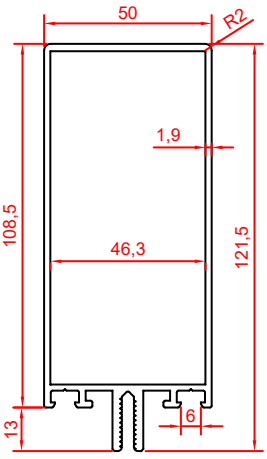
پروفیـــــل افقـــی

Transom profile

1.880 kg/m

Jx=25.80 cm^4

Jy=118.72 cm^4



GP 40365

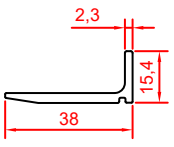
پروفیـــــل افقـــی

Transom profile

2.000 kg/m

Jx=27.39 cm^4

Jy=125.27 cm^4



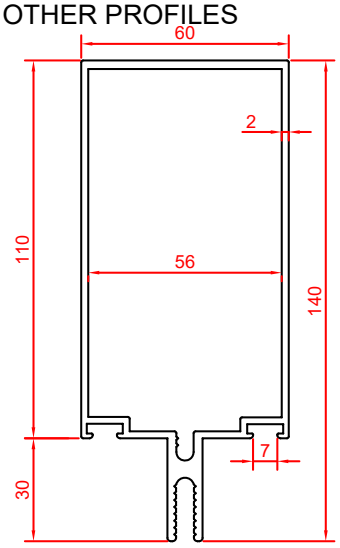
GP 40403

روفیـــــل تـــاکوز شیشـــه

Glass support profile

0.370 kg/m

OTHER PROFILES



GP 40374

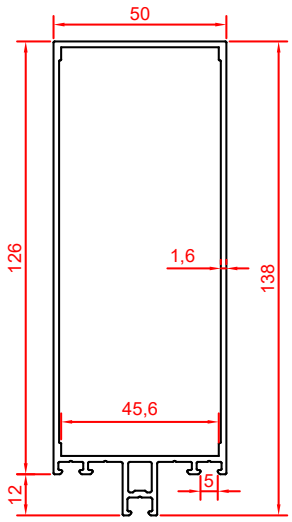
پروفیـــــل افقـــی

Transom profile

2.450 kg/m

Jx=44.52 cm^4

Jy=189.68 cm^4



GP 40375

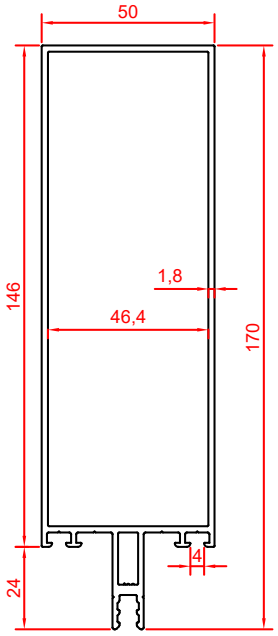
پروفیـــــل افقـــی

Transom profile

1.800 kg/m

Jx=145.16 cm^4

Jy=27.50 cm^4



GP 40358

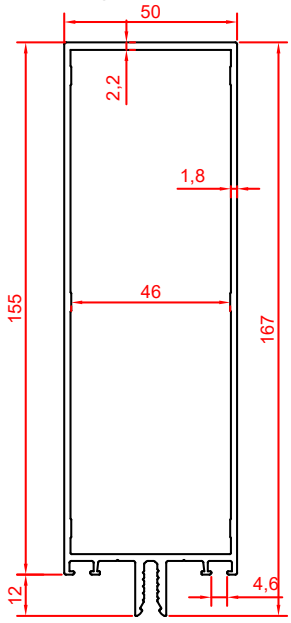
پروفیـــــل افقـــی

Transom profile

2.290 kg/m

Jx=34 cm^4

Jy=249 cm^4



GP 40371

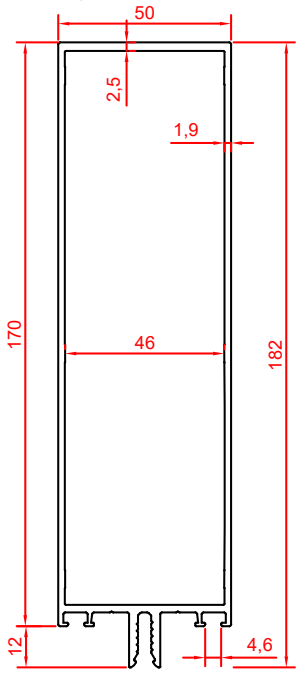
پروفیـــــل افقـــی

Transom profile

2.360 kg/m

Jx=36.67 cm^4

Jy=274.42 cm^4



GP 40372

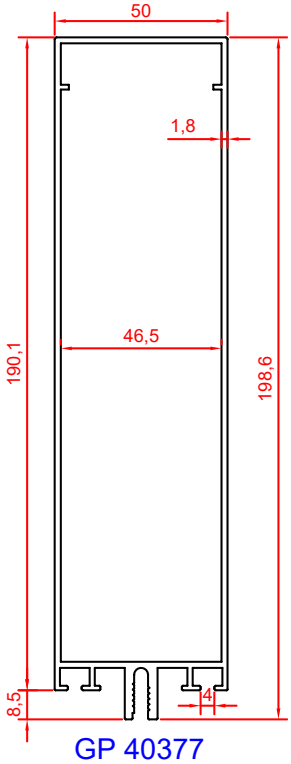
پروفیـــــل افقـــی

Transom profile

2.650 kg/m

Jx=41.78 cm^4

Jy=365.95 cm^4



GP 40377

پروفیـــــل افقـــی

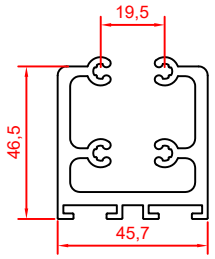
Transom profile

2.640 kg/m

Jx=42.85 cm^4

Jy=433.53 cm^4

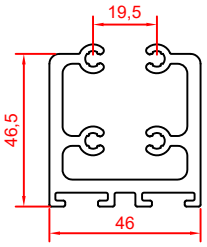
OTHER PROFILES



GP 40399

پروفیـــل لقمـه ثابـــت
Connector profile

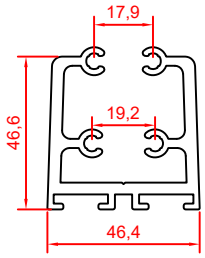
2.049 kg/m



GP 40340

پروفیـــل لقمـه ثابـــت
Connector profile

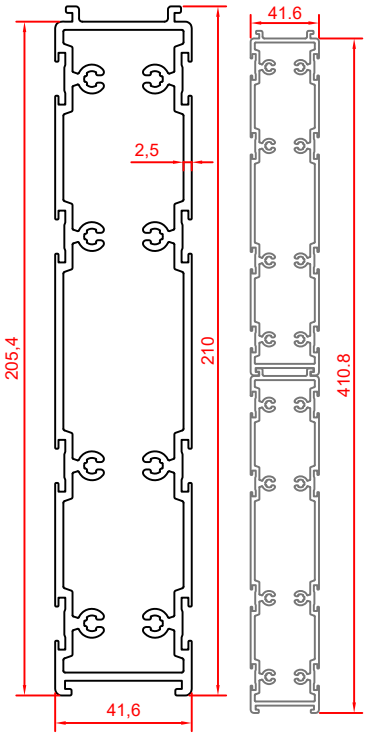
2.111 kg/m



GP 40341

پروفیـــل لقمـه ثابـــت
Connector profile

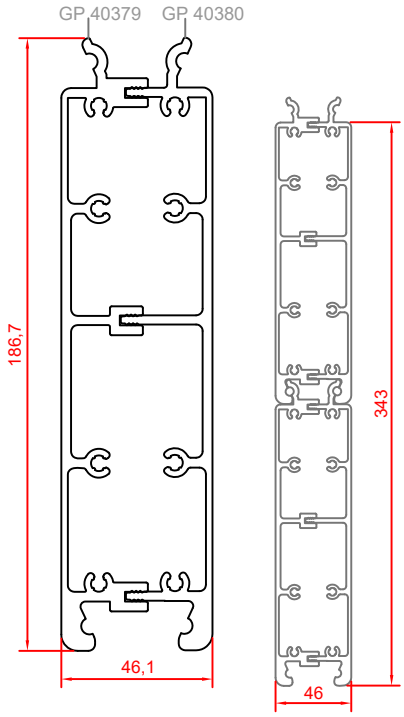
1.926 kg/m



GP 40378

اینســـرت ما بیـــن عمودی
Dilatation Profile

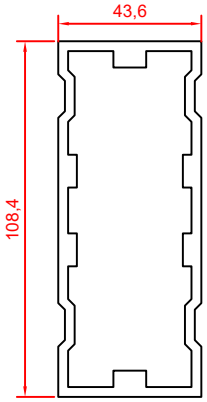
4.852 kg/m



GP 40379-GP 40380

اینســـرت ما بیـــن عمودی
Dilatation Profile

2.544 + 2.904 kg/m

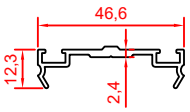


GP 40381

اینســـرت ما بیـــن عمودی
Dilatation Profile

3.062 kg/m

OTHER PROFILES

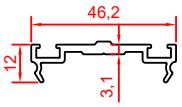


GP 40392

پروفیـــل نگهدارنـــده

Pressur plate profile

0.355 kg/m

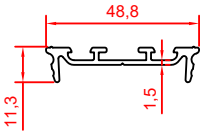


GP 40393

پروفیـــل نگهدارنـــده

Pressur plate profile

0.365 kg/m

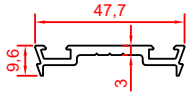


GP 40394

پروفیـــل نگهدارنـــده

Pressur plate profile

0.406 kg/m

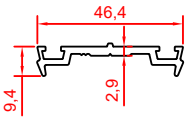


GP 40395

پروفیـــل نگهدارنـــده

Pressur plate profile

0.432 kg/m

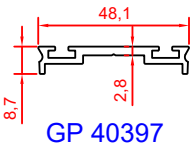


GP 40396

پروفیـــل نگهدارنـــده

Pressur plate profile

0.417 kg/m

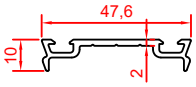


GP 40397

پروفیـــل نگهدارنـــده

Pressur plate profile

0.453 kg/m

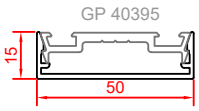


GP 40398

پروفیـــل نگهدارنـــده

Pressur plate profile

0.360 kg/m

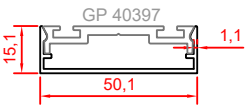


GP 40390

پروفیـــل نگهدارنـــده

Pressur plate profile

0.360 kg/m

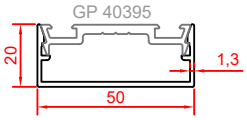


GP 40389

پروفیـــل درپـــوش

Cover cap profile

0.315 kg/m

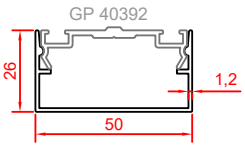


GP 40387

پروفیـــل درپـــوش

Cover cap profile

0.375 kg/m

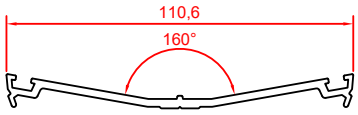


GP 40386

پروفیـــل درپـــوش

Cover cap profile

0.375 kg/m

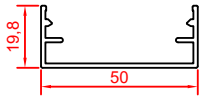


GP 40384

گهدارنـــده کنـــج بـــیرونی 160

160 corner presuur plate

0.896 kg/m

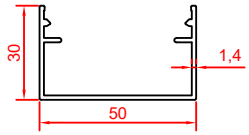


GP 40388

پروفیـــل درپـــوش

Cover cap profile

0.401 kg/m

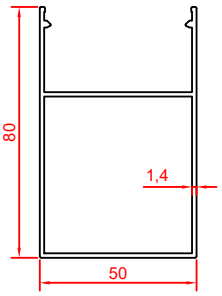


GP 40385

پروفیـــل درپـــوش

Cover cap profile

0.478 kg/m

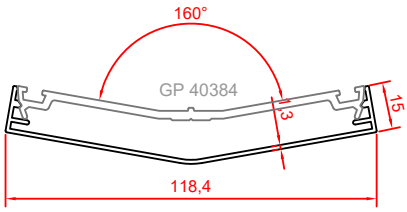


GP 40391

پروفیـــل درپـــوش

Cover cap profile

1.020 kg/m



GP 40384

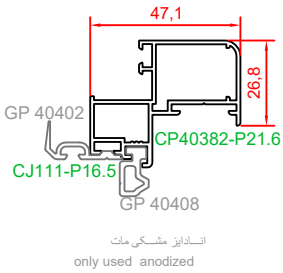
درپـــوش کنـــج بـــیرونی 160

160 corner cover profile

0.590 kg/m

Structural glazing facade profile

پروفیلهـــــای سیســـــتم فـول فـــریم لـس

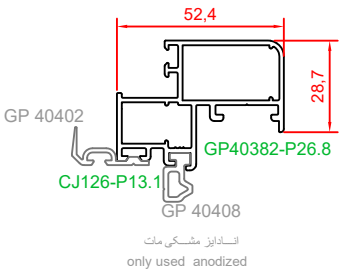


GP 40409

لنگـــه نمـا فـول فـــریم لـس

Structural glazing vent

0.690 kg/m

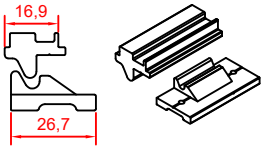


GP 40408

لنگـــه نمـا فـول فـــریم لـس

Structural glazing vent

0.952 kg/m

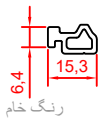


GP 40411

قفـــل لنگـــه افقـــی فـول فـــریم لـس

Bottom sash locker

0.700 kg/m

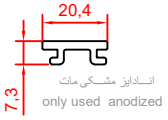


GP 40404

اداپتـــور لنگـــه فـول فـــریم لـس

Structural glazing adapter

0.200 kg/m

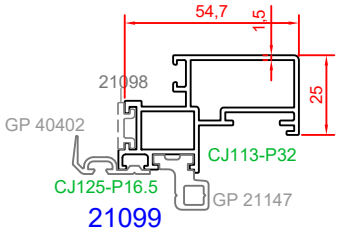


21098

آداپتـــور شیشـــه چســـبی

Glazing bonding pr.

0.126 kg/m

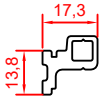


21099

لنگـــه نمـا فـول فـــریم لـس

Structural glazing vent profile

0.975 kg/m

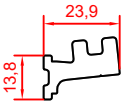


GP 21147

فیکـــس کننـــده لنگـــه فـول فـــریم لـس

Fixing accessores

0.360 kg/m

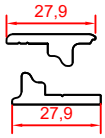


GP 21146

فیکـــس کننـــده لنگـــه فـول فـــریم لـس قـوس دار

Angular fixing accessores

0.630 kg/m

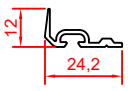


GP 21145

قفـــل لنگـــه افقـــی فـول فـــریم لـس

Bottom sash locker

0.680 kg/m

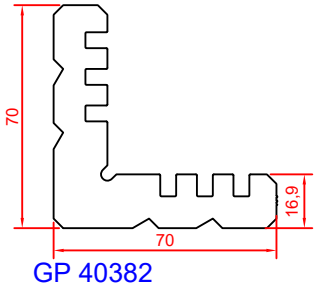


GP 40402

لنگـــه فـول فـــریم لـس

Glazing frame security profile

0.165 kg/m

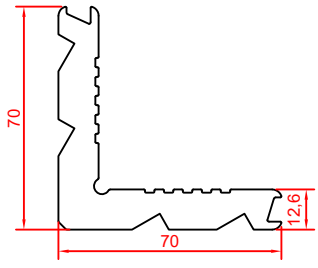


GP 40382

فیکســـــر لنگـــه فـول فـــریم لـس

Corner cleat profile

4.980 kg/m



CJ126

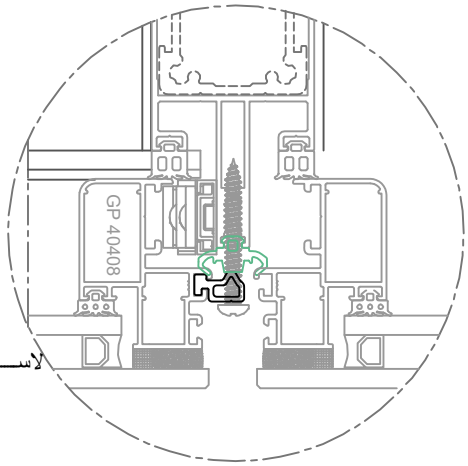
فیکســـــر لنگـــه فـول فـــریم لـس

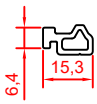
Corner cleat profile

4.140 kg/m

Structural glazing facade system

سیســـــتم نما فـول فـــریم لـس





GP 40404



TF.20

لاســـــتیک لنگـــه فـول فـــریم لـس

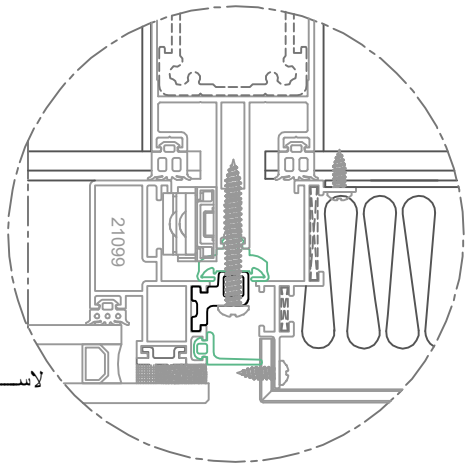
Sash gasket

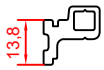


OYF.20

لاســـــتیک نما فـول فـــریم لـس

Cntral epdm gasket





GP 21147



TF.40

لاســـــتیک لنگـــه فـول فـــریم لـس

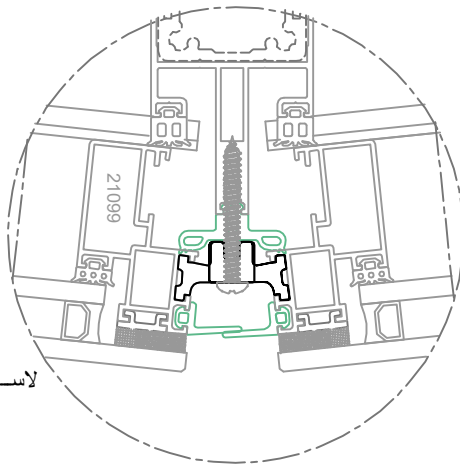
Sash gasket

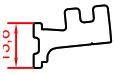


OYF.30

لاســـــتیک نما فـول فـــریم لـس

Cntral epdm gasket





GP 21146



TF.40

لاســـــتیک لنگـــه فـول فـــریم لـس

Sash gasket



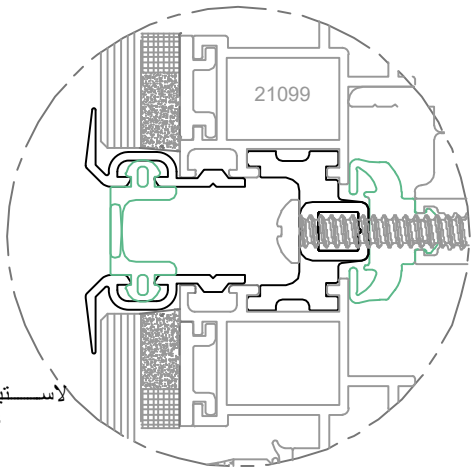
OYF.40

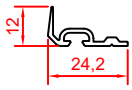
لاســـــتیک نما فـول فـــریم لـس

Cntral epdm gasket

Structural glazing facade system

سیســـــتم نما فـول فـــریم لـس





GP 40402



TF20

لاســـتیک لنگـــه فـول فـــریم لـس

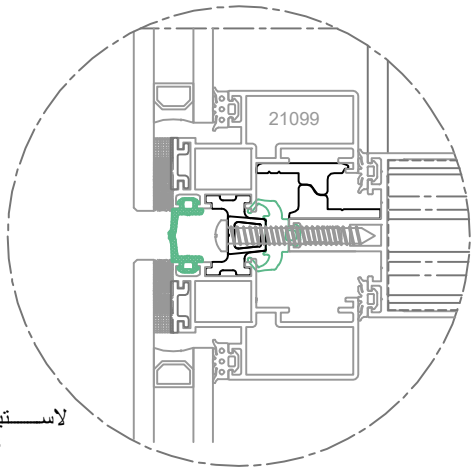
Sash gasket

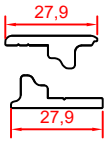


OYF.30

لاســـتیک نما فـول فـــریم لـس

Cntral epdm gasket





GP 21145



TF20

لاســـتیک لنگـــه فـول فـــریم لـس

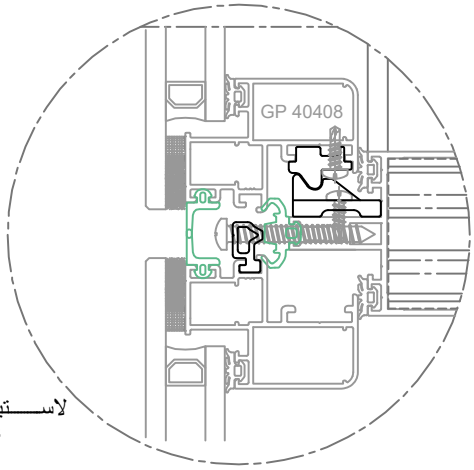
Sash gasket

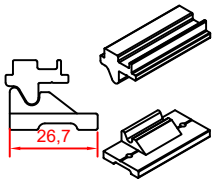


OYF.30

لاســـتیک نما فـول فـــریم لـس

Cntral epdm gasket





GP 40411



TF20

لاســـتیک لنگـــه فـول فـــریم لـس

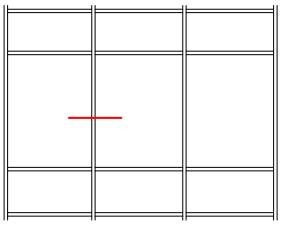
Sash gasket



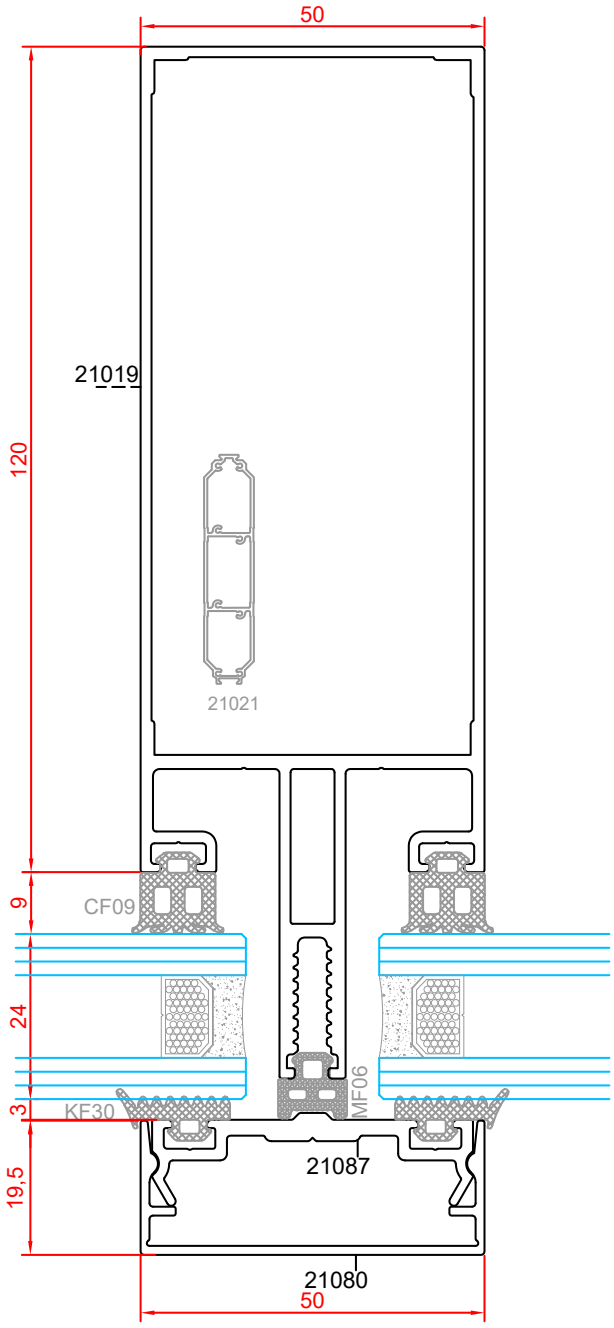
OYF.20

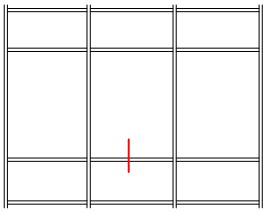
لاســـتیک نما فـول فـــریم لـس

Cntral epdm gasket

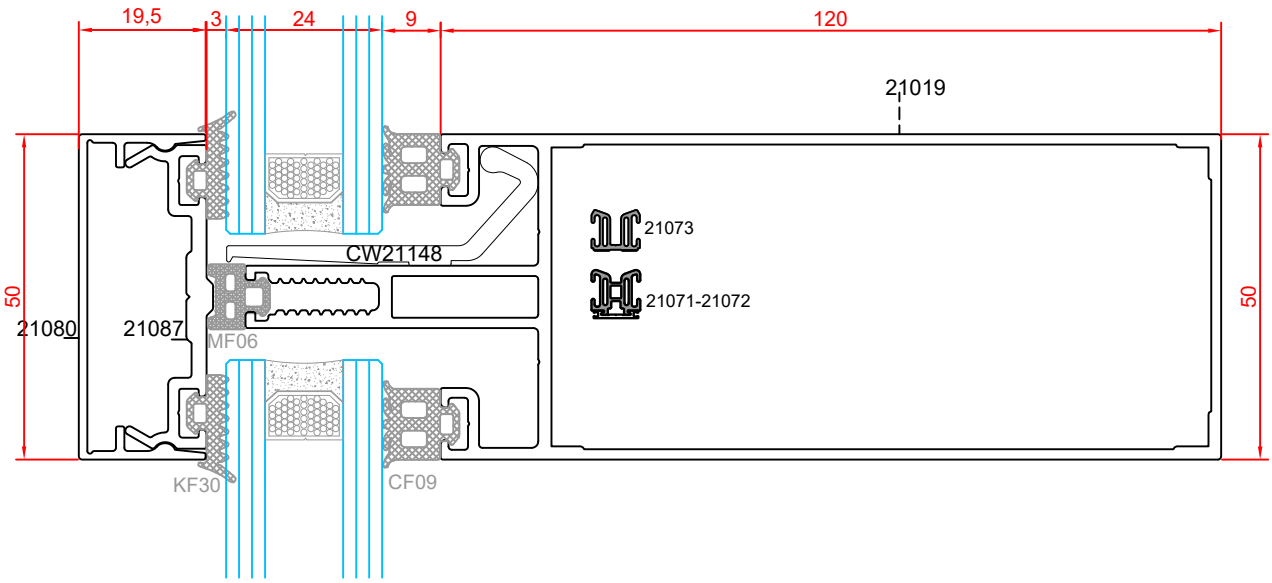


فیکـــــس کـپ دار عمودی





فیکـــس کـپ دار افقـــی



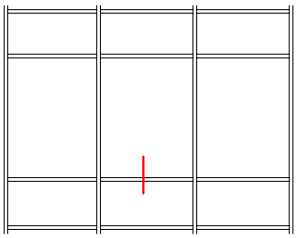


CW 21148

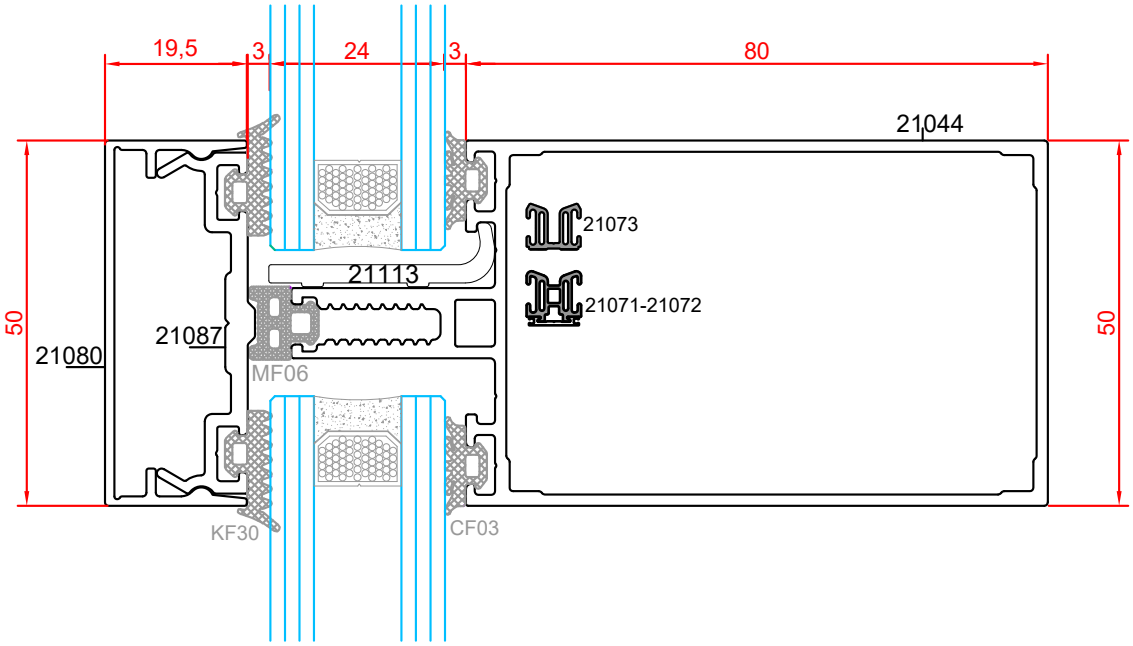
تـــاکوز پروفیلهـــــای مولیـــون

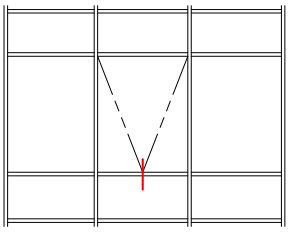
Glass support for mullion

0.450 kg/m

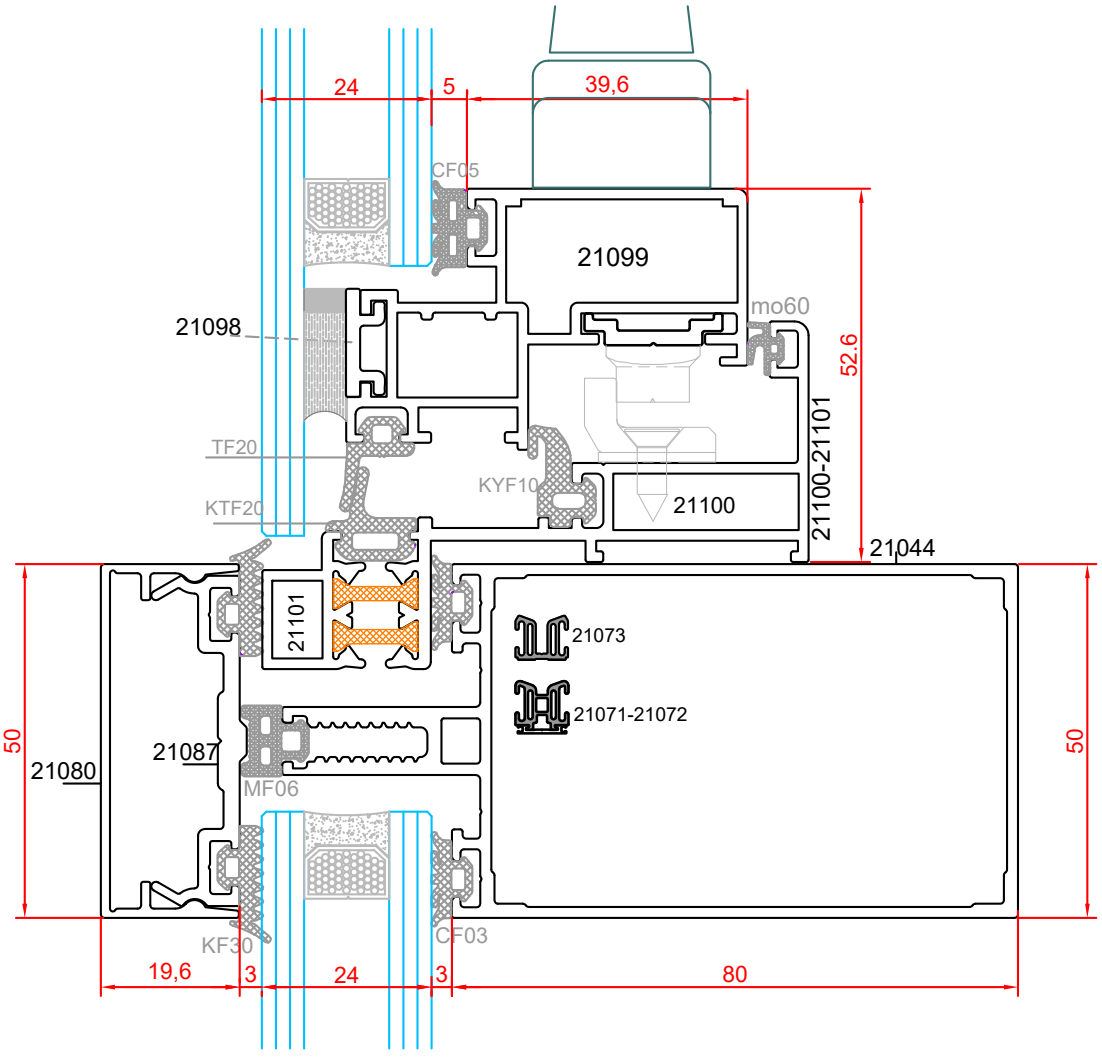


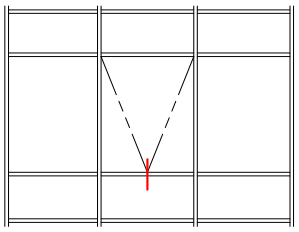
فیکـــــس کـپ دار افقـــی



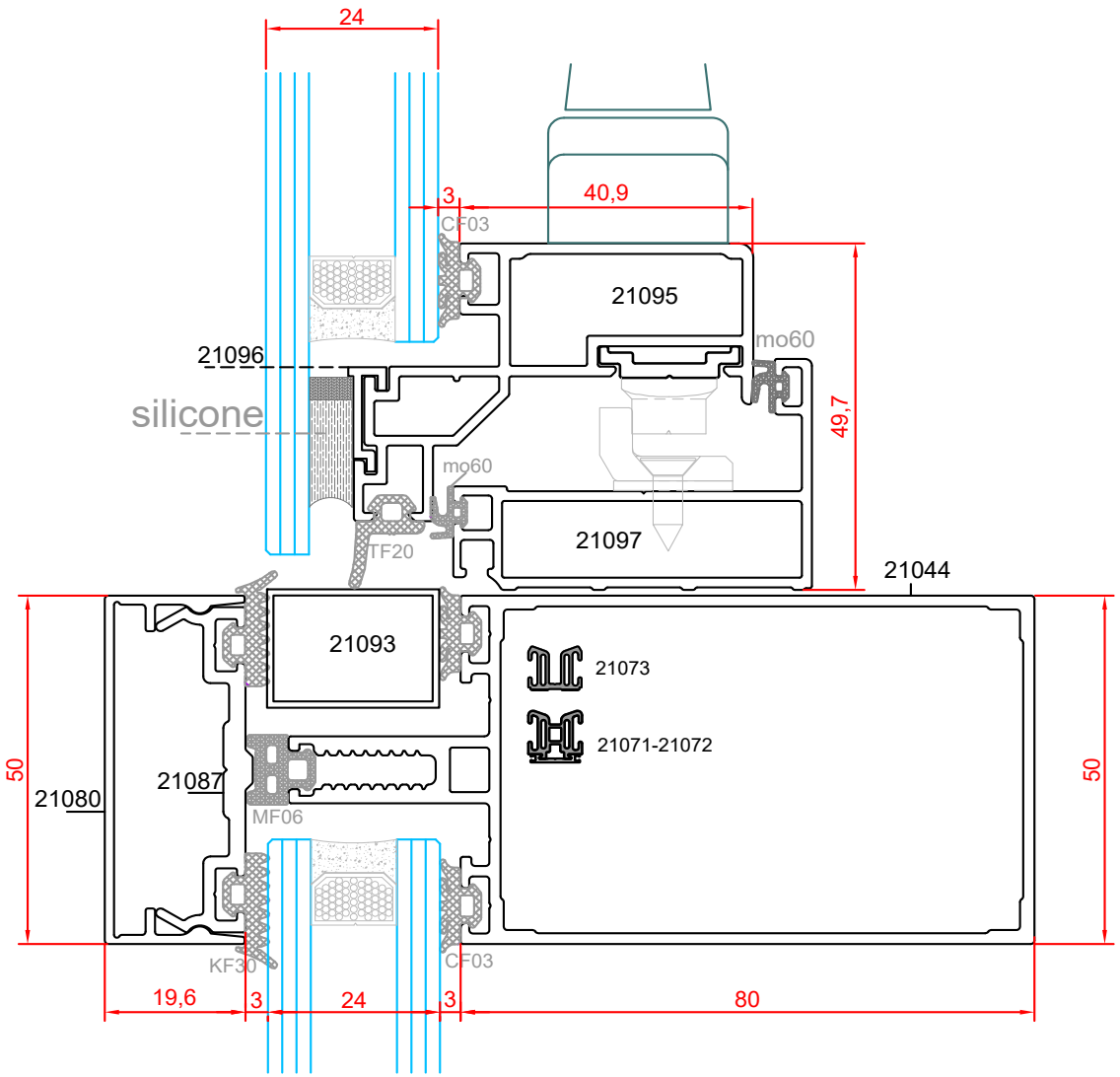


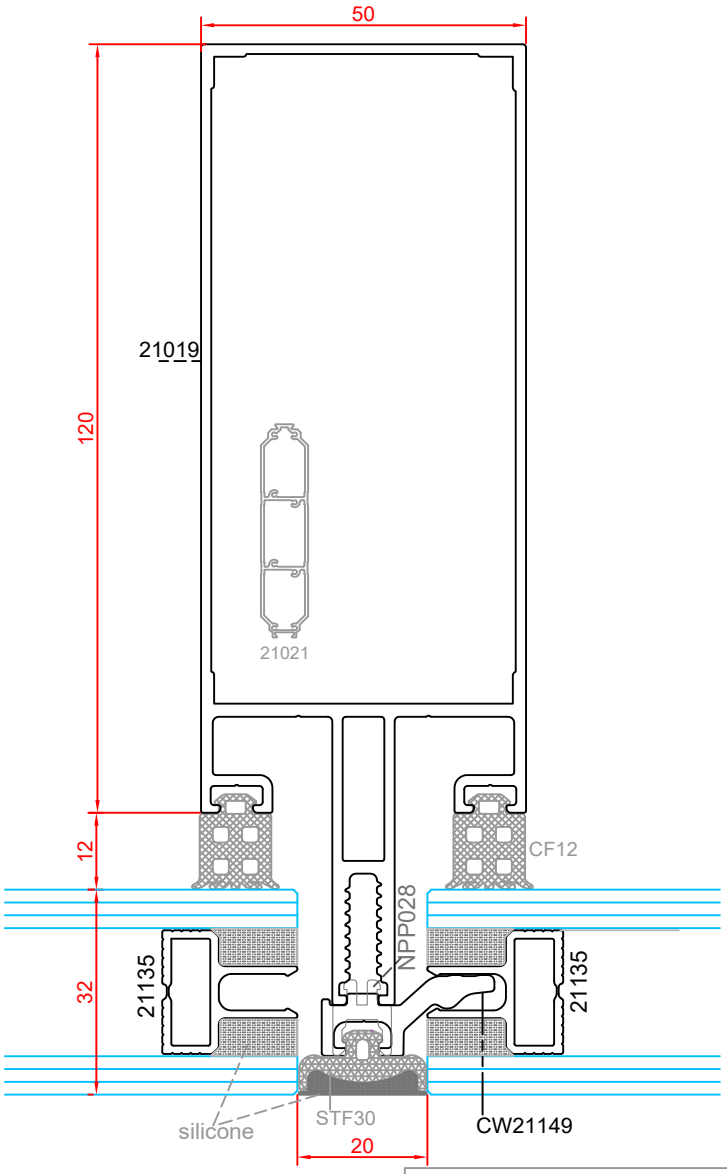
بازشـــو کـپ دار افقـــی

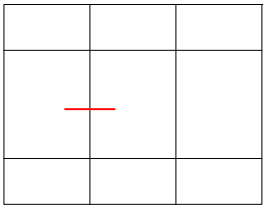




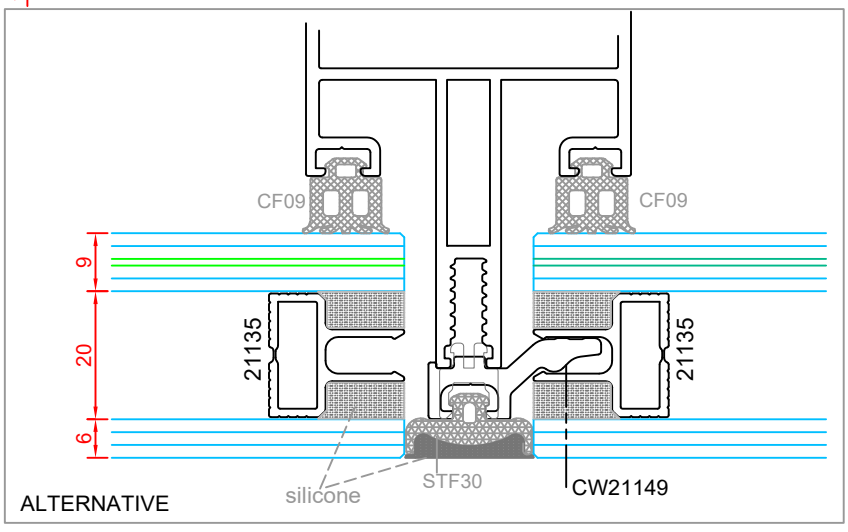
بازشـــو کـــپ دار افقـــی

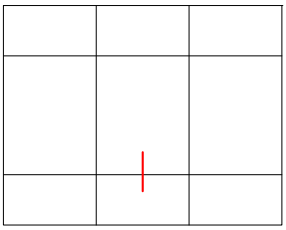




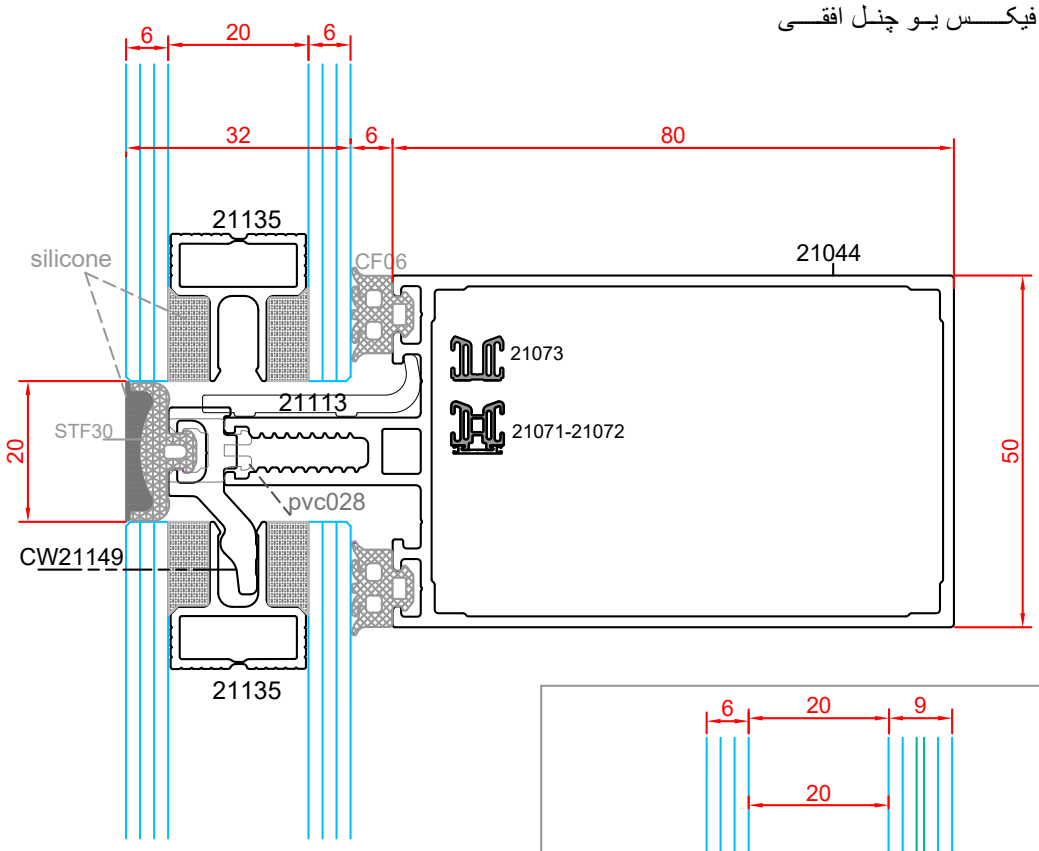


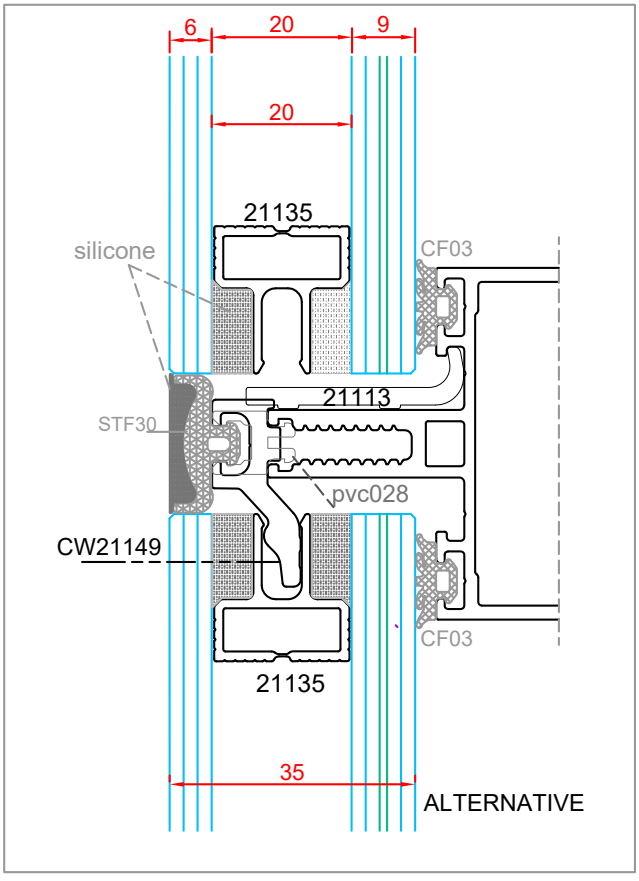
فیکـــــس یـو چنـل عمودی

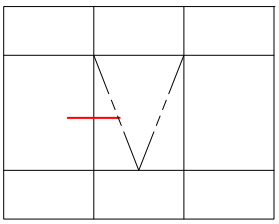




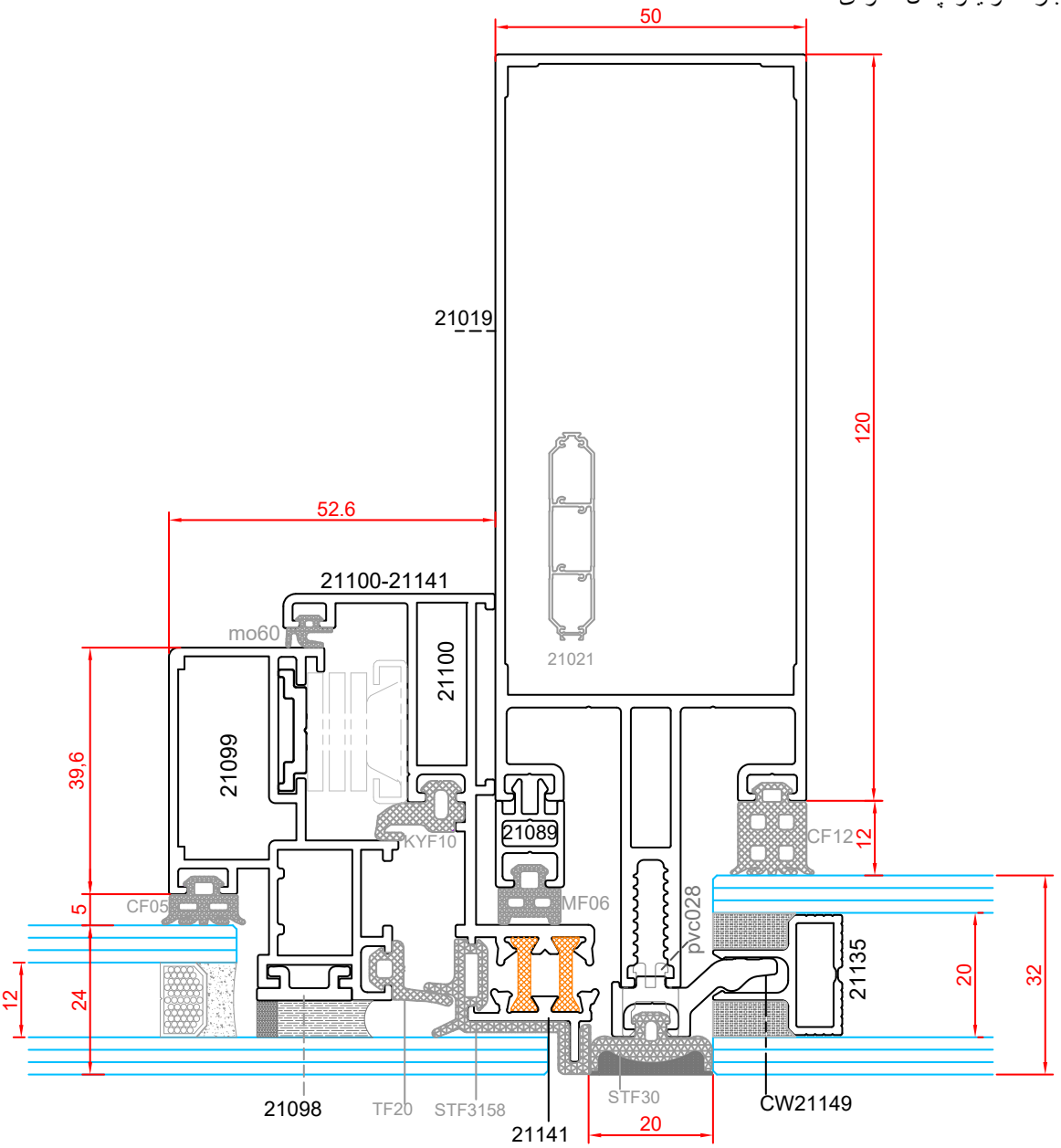
فیکـــس یـو چنـل افقـــی

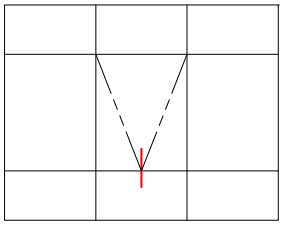




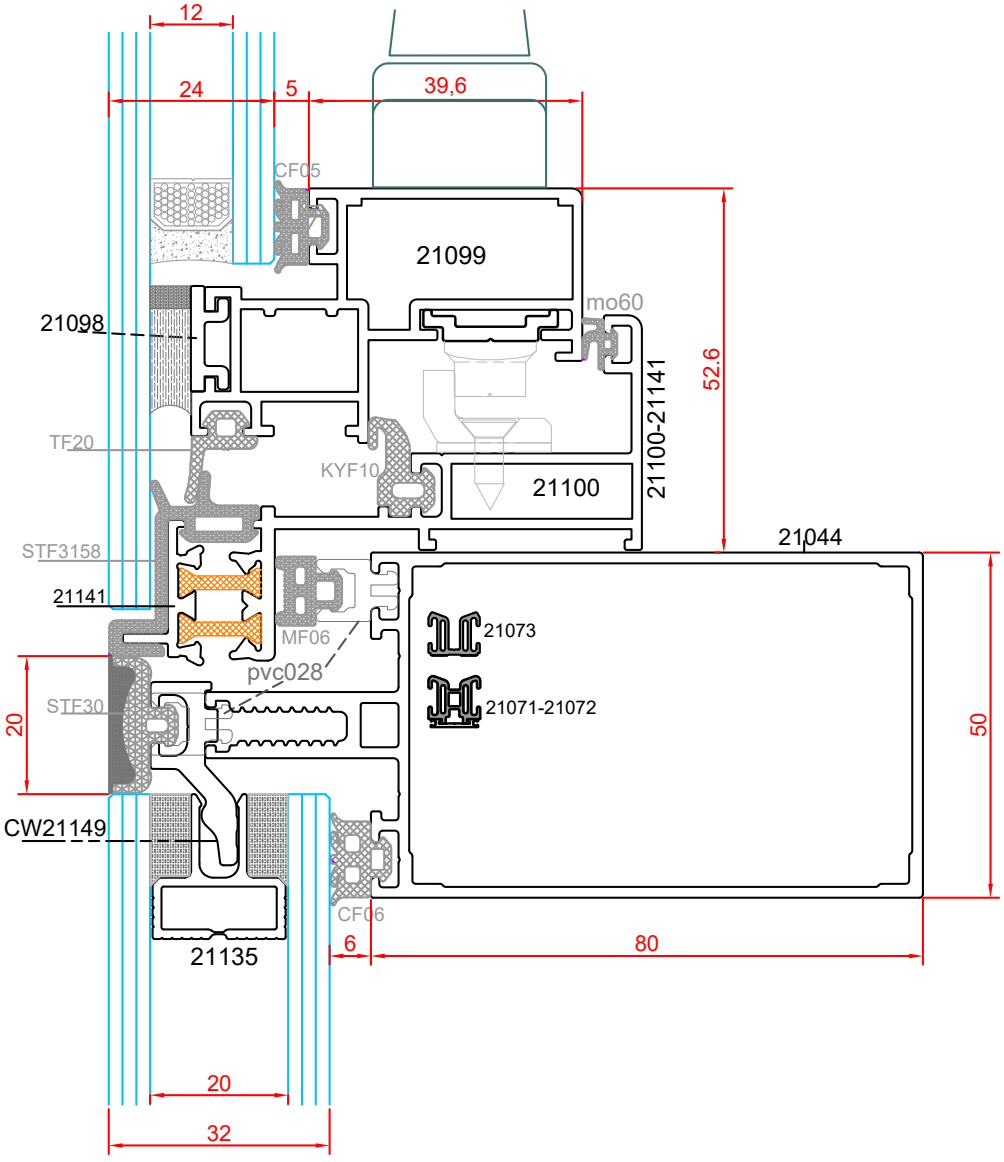


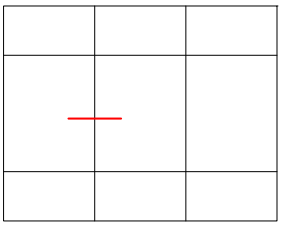
بازشـــو یـو چنـل عمودی



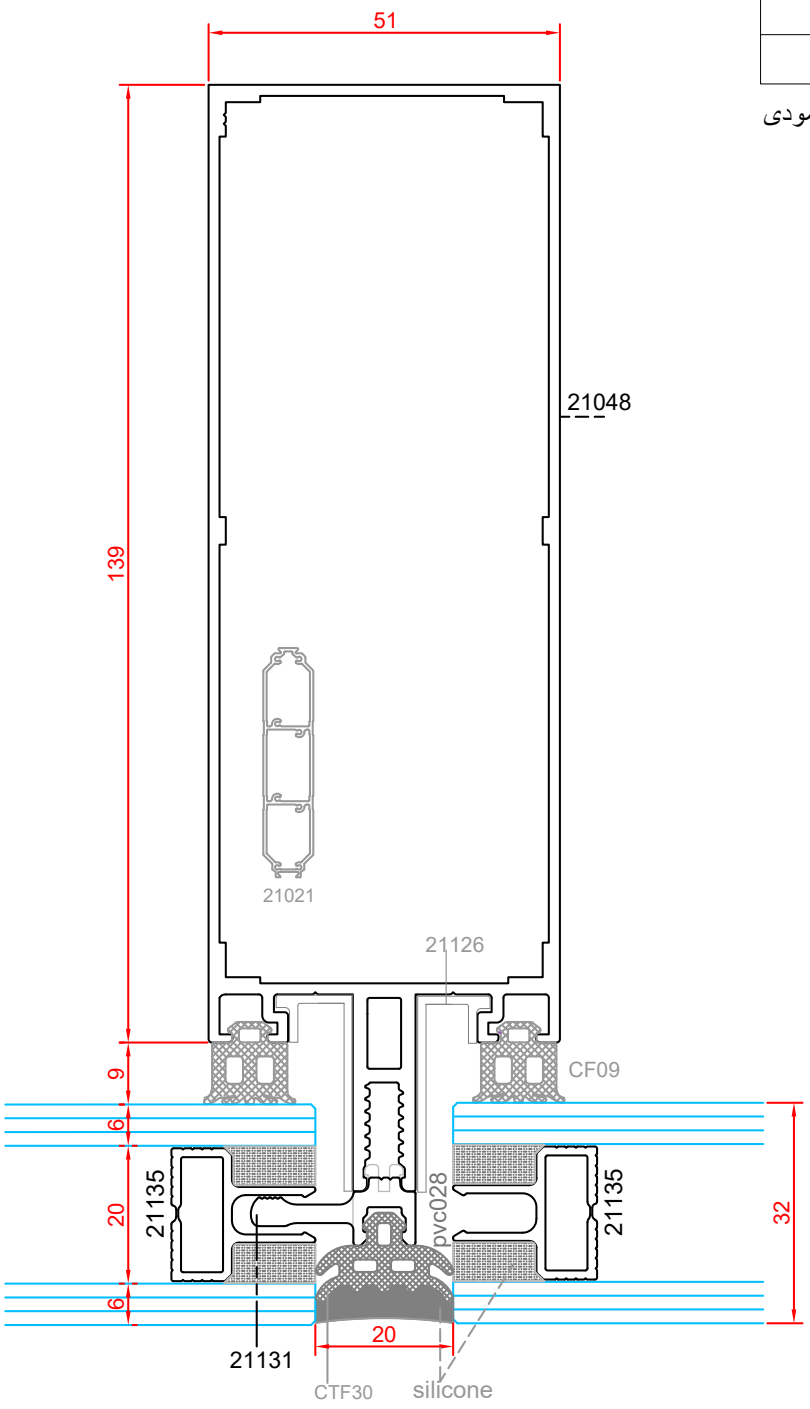


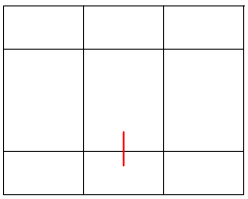
بازشـــو یـو چنـل افقـــی



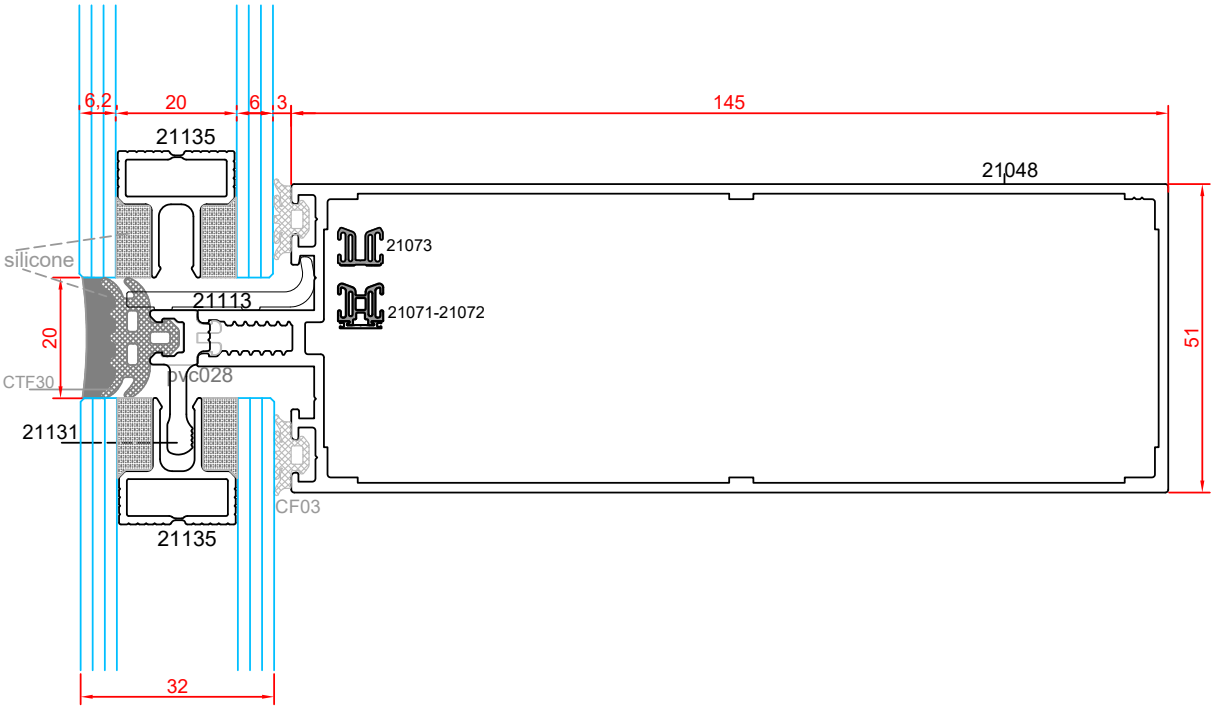


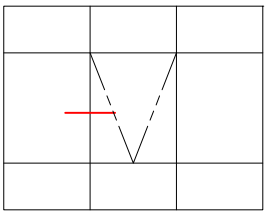
فیکـــــس یـو چنـل عمودی



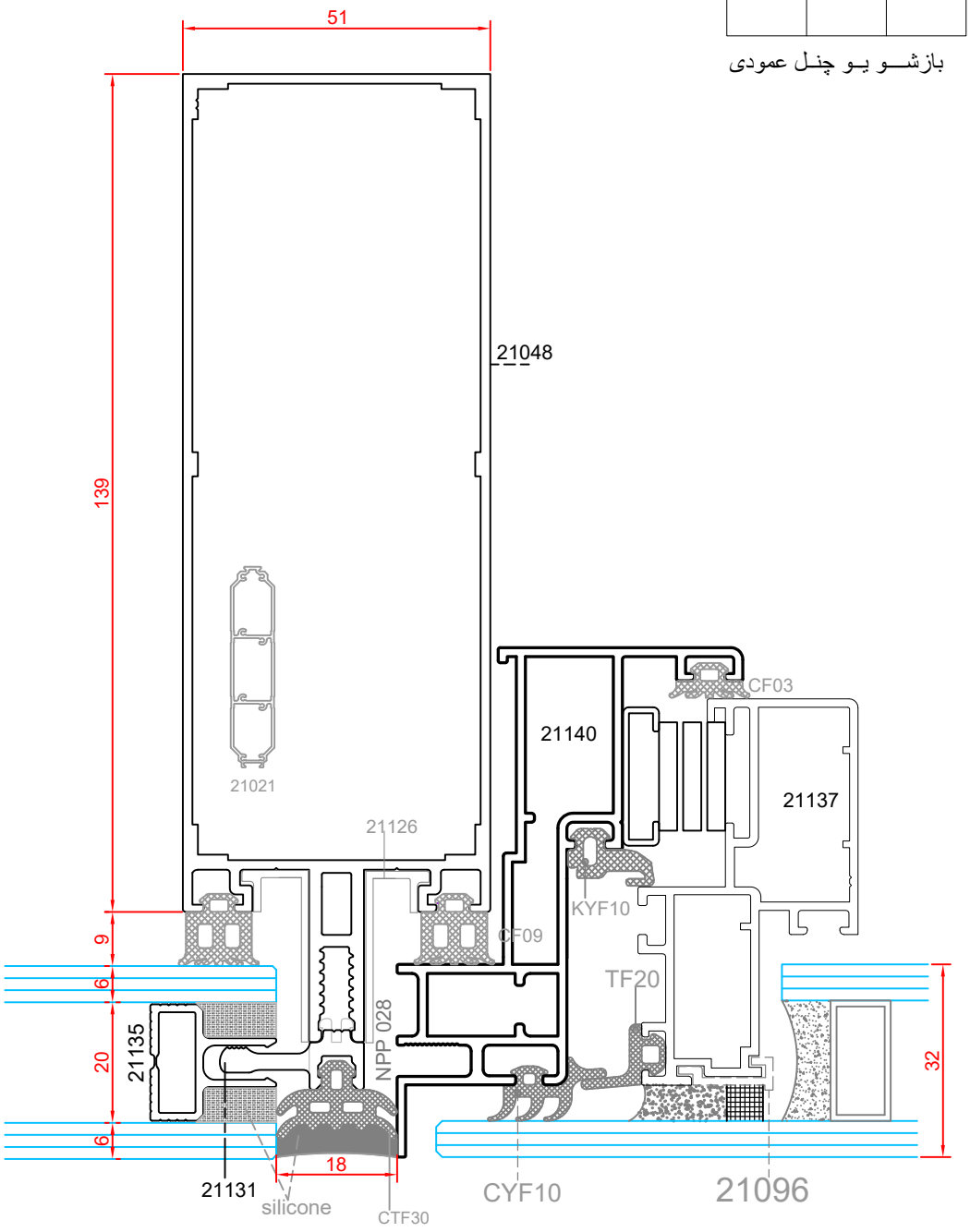


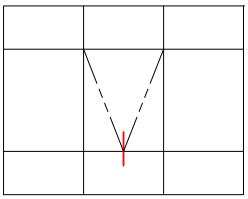
فیکـــس یـو چنـل افقـــی



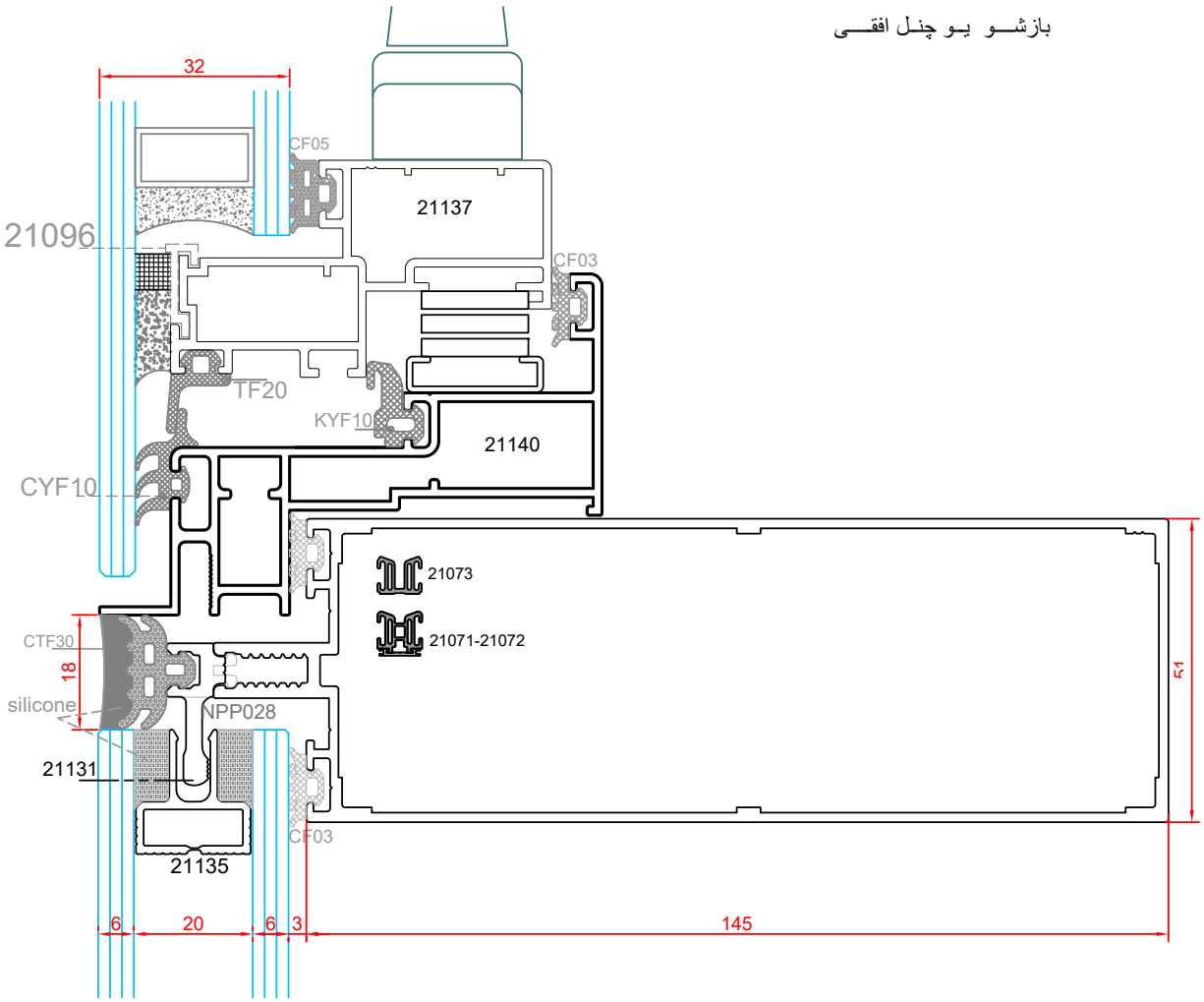


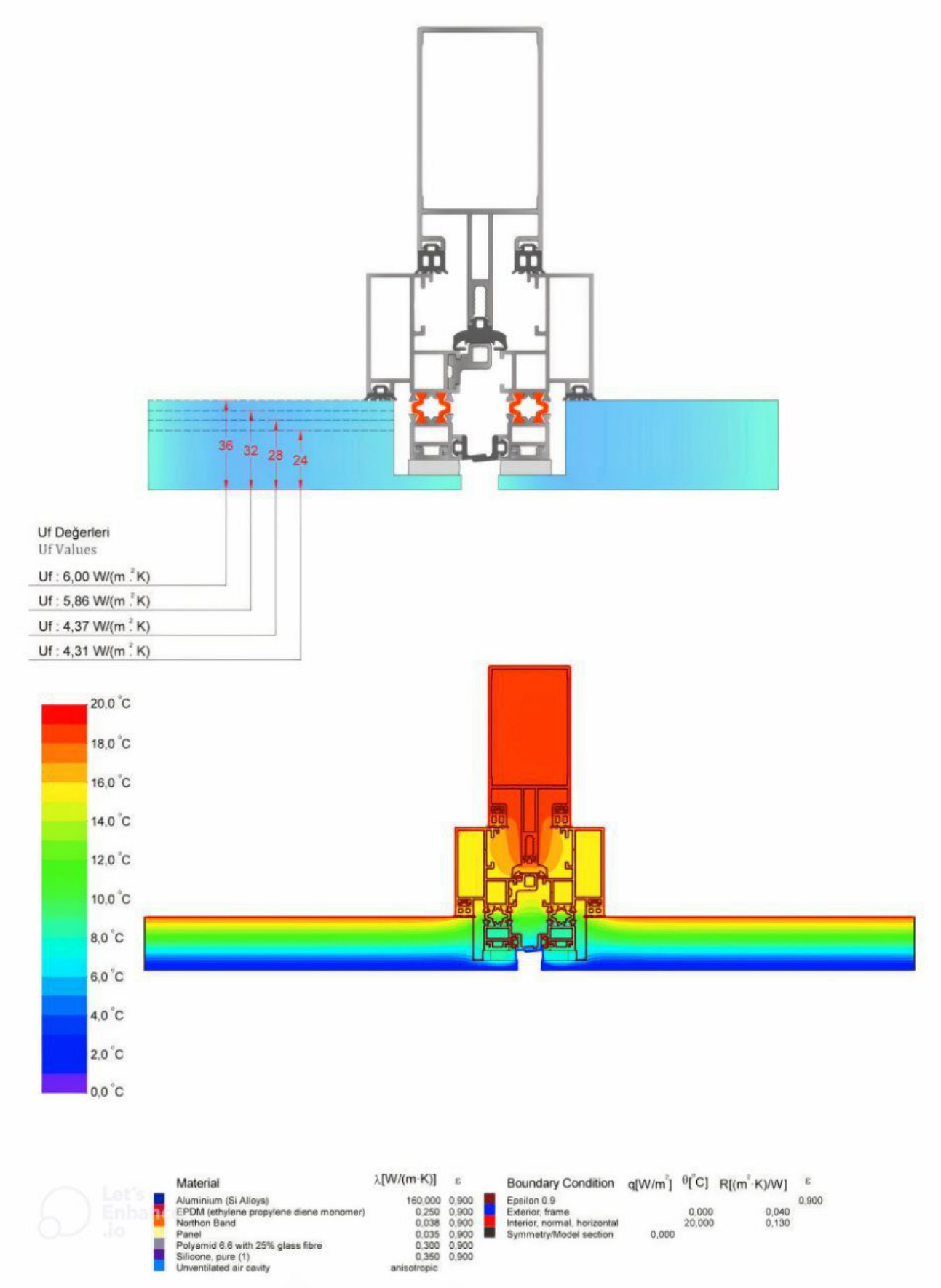
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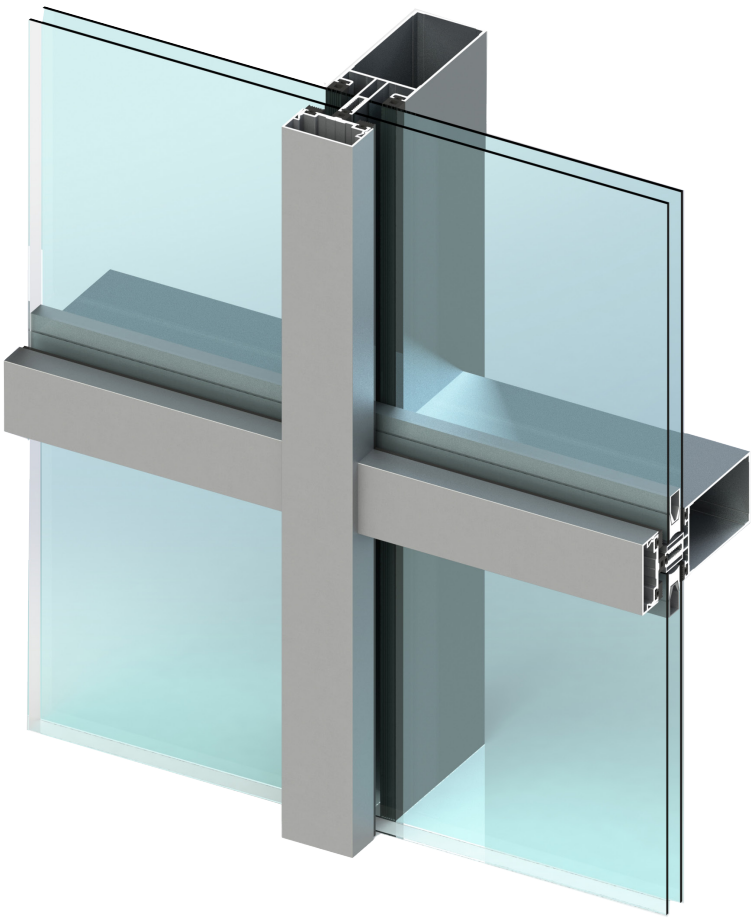




بازشـــو یـو چنـل افقـــی




36
32
28
24
Uf Değerleri
Uf Values
Uf : 6,00 W/(m².K)
Uf : 5,86 W/(m².K)
Uf : 4,37 W/(m².K)
Uf : 4,31 W/(m².K)
20,0 °C
18,0 °C
16,0 °C
14,0 °C
12,0 °C
10,0 °C
8,0 °C
6,0 °C
4,0 °C
2,0 °C
0,0 °C
Material
λ[W/(m·K)]
ε
Aluminium (Si Alloys) 160,000 0,900
EPDM (ethylene propylene diene monomer) 0,250 0,900
Northon Band 0,038 0,900
Panel 0,035 0,900
Polyamid 6.6 with 25% glass fibre 0,300 0,900
Silicone, pure (1) 0,350 0,900
Unventilated air cavity anisotropic
Boundary Condition
q[W/m²]
θ[°C]
R[(m².K)/W]
ε
Epsilon 0.9 0,900
Exterior, frame 0,000 0,040
Interior, normal, horizontal 20,000 0,130
Symmetry/Model section 0,000



4

Sky Light Sysyem

سیستم اسکای لایت

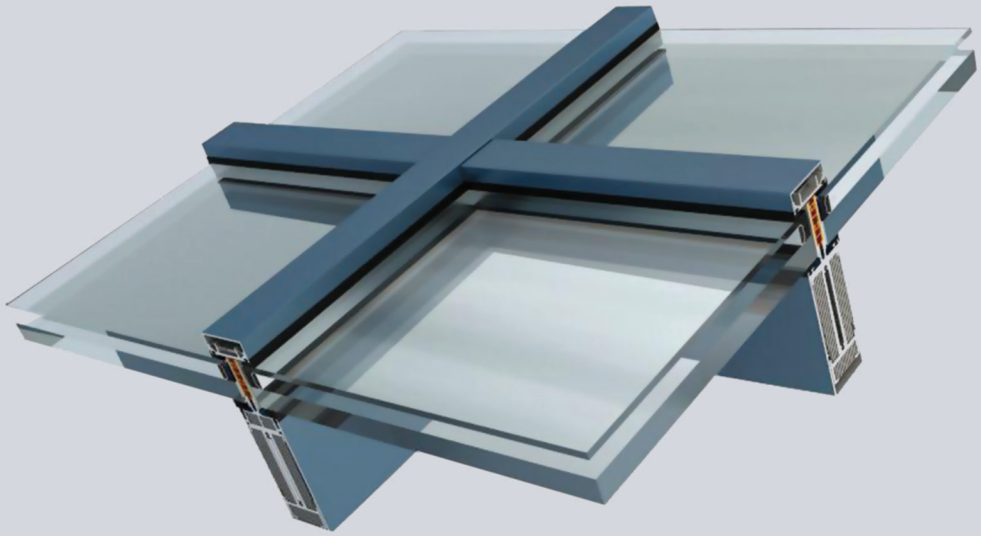
سیستم اسکای لایت

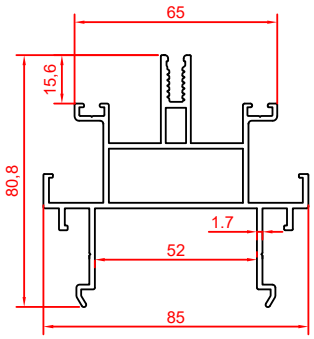
مشخصـــــات سیســـــتم

- اندازه عرض پروفیل :۷۵ میلیمتر
- اندازه پروفیل مولیون:۸۱ میلیمتر
- اندازه پروفیل ترنزوم :۸۱ میلیمتر
- ضخامت دیواره ی پروفیل : ۱/۷_۲ میلیمتر
- اندازه ضخامت شیشه : ۱۰_۴۰ میلیمتر
- دارای لاستیکهای استاندارد برای اب بندی و هوابندی نما
- امکان اجرای نمای کپ دار ، نیم کپ یو چنل

4 01

Sky Light System





21022

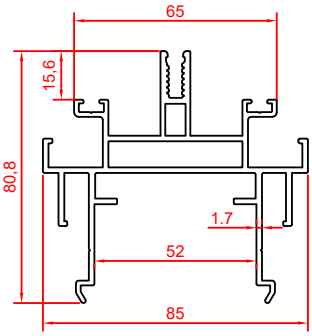
پروفیـــــل عمودی

Mullion profile

1.900 kg/m

Jx=35.65 cm^4

Jy=25.49 cm^4



21051

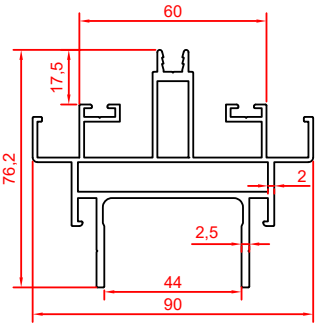
پروفیـــــل افقـــی

Transom profile

2.080 kg/m

Jx=40.41 cm^4

Jy=24.15 cm^4



GP 40406

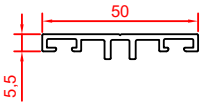
پروفیـــــل اســکای لایـت

Sky light profile

2.142 kg/m

Jx=44.70 cm^4

Jy=22.48 cm^4

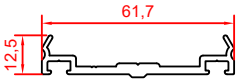


21129

پروفیـــــل درپـوش

Cover profile

0.420 kg/m

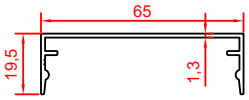


21142

پروفیـــــل نگهدارنـــده

Pressur plate profile

0.603 kg/m

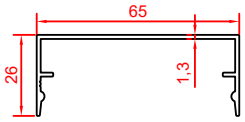


21143

پروفیـــــل درپـوش

Cover cap profile

0.408 kg/m

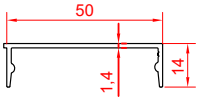


21144

پروفیـــــل درپـوش

Cover cap profile

0.460 kg/m

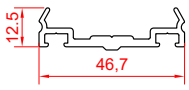


21085

پروفیـــــل درپـوش

Cover cap profile

0.319 kg/m

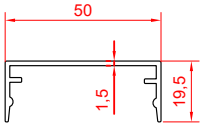


21087

پروفیـــــل نگهدارنـــده

Pressur plate profile

0.495 kg/m

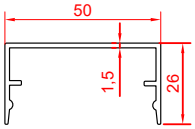


21080

پروفیـــــل درپـوش

Cover cap profile

0.408 kg/m

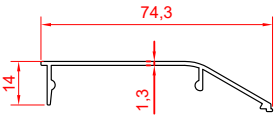


21082

پروفیـــــل درپـوش

Cover cap profile

0.465 kg/m

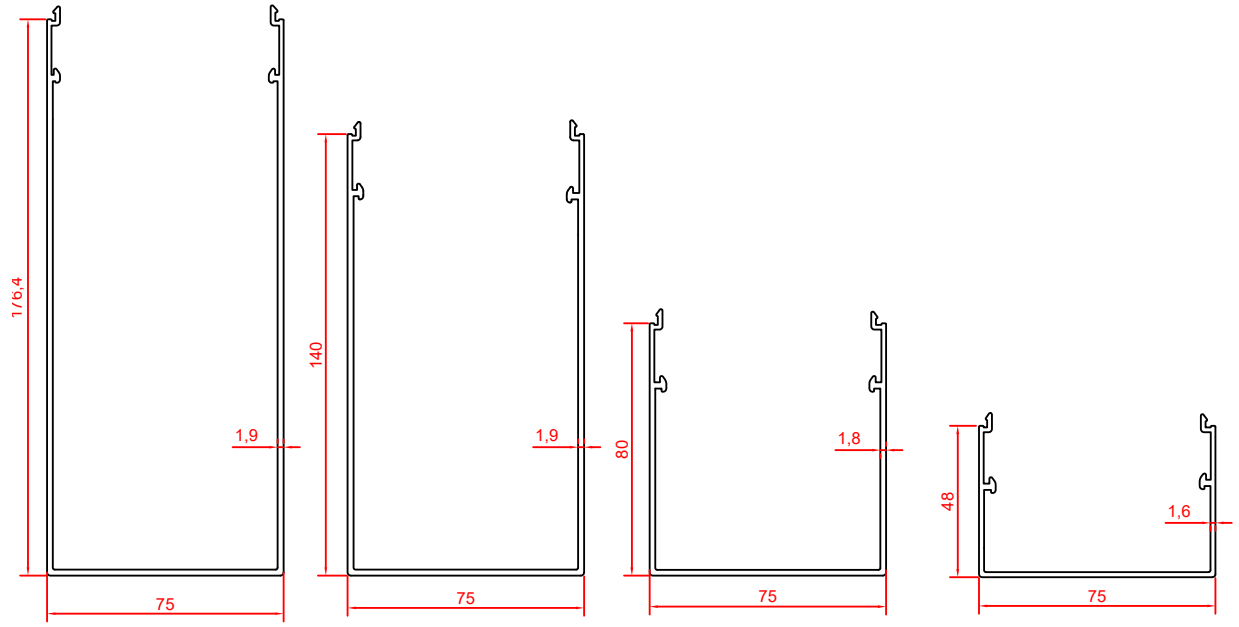


21083

درپـوش افقـــی

Transom cover

0.391 kg/m

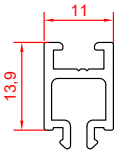


21024
کـاور قوطـی آهنی
Cover profile
2.600 kg/m

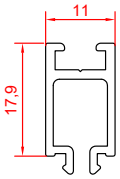
21025
کـاور قوطـی آهنی
Cover profile
2.300 kg/m

21026
کـاور قوطـی آهنی
Cover profile
1.280 kg/m

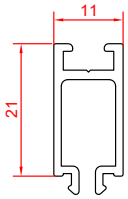
21027
کـاور قوطـی آهنی
Cover profile
0.873 kg/m



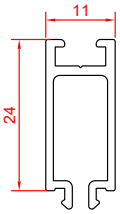
21089
اداپتـــور شیشـــه
Glass adapter profile
0.195 kg/m



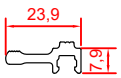
21090
اداپتـــور شیشـــه
Glass adapter profile
0.222 kg/m



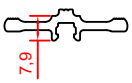
21091
اداپتـــور شیشـــه
Glass adapter profile
0.248 kg/m



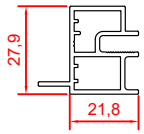
21092
اداپتـــور شیشـــه
Glass adapter profile
0.270 kg/m



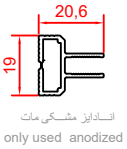
21131
کلیپـــــس یوچنـــل
Mullion profile
0.270 kg/m



21132
کلیپـــــس یوچنـــل
Mullion profile
0.410 kg/m

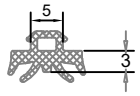
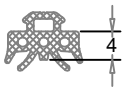
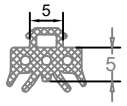
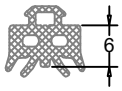
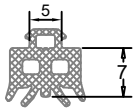
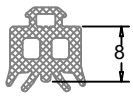
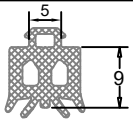
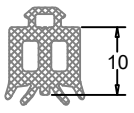
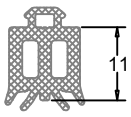
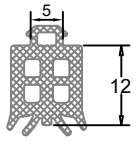


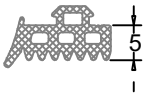
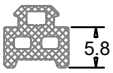
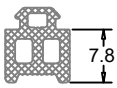
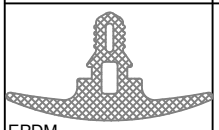
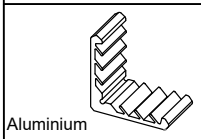
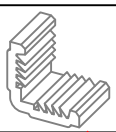
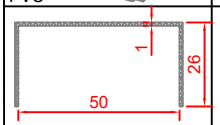
21134
اسپیســـــر ورق کامپوزیـــت
Composite panel profile
0.535 kg/m



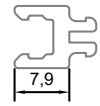
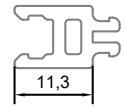
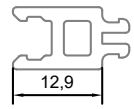
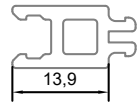
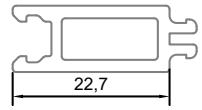
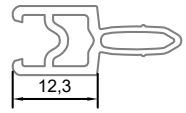
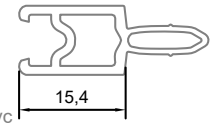
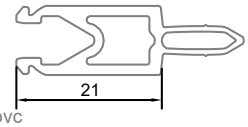
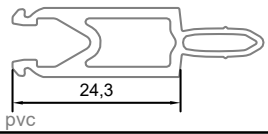
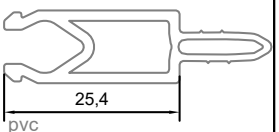
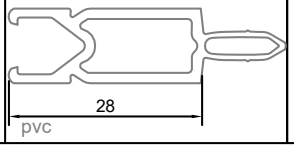
21135
یســـــر دو جداره یـو چنـل
Duble glazing spacer
0.270 kg/m

ACCESSORIES LIST

DRAWING	CODE	DESCRIPTION
 EPDM	CF.03 (3 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.04 (4 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.05 (5 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.06 (6 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.07 (7 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.08 (8 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.09 (9 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.10 (10 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.11 (11 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket
 EPDM	CF.12 (12 MM)	لاســـتیک شیشـــه کـــرتین وال Facade Glazing Gasket

DRAWING	CODE	DESCRIPTION
 EPDM	KF.30 (3 MM)	لاســـتیک نگهدارنـــده Under Cover outher Glazing Gasket
 EPDM	KF.50 (5 MM)	لاســـتیک نگهدارنـــده Under Cover outher Glazing Gasket
 EPDM	MF.06 (6 MM)	لاســـتیک پیـــچ نگهدارنـــده Center Pressure Gasket
 EPDM	MF.08 (8 MM)	لاســـتیک پیـــچ نگهدارنـــده Center Pressure Gasket
 EPDM	CTF30	لاســـتیک فیکـــس یـو چنـل Central Gasket
 EPDM	STF.30	لاســـتیک فیکـــس یـو چنـل Central Gasket
 EPDM	KF 10	لاســـتیک نیـــم کـــپ Semi -Coverd Facade Gasket
 Aluminium	STF-31	گونیـــای آلومینیومـــی اسپیســـر یـو چنـل *Corner Joint*
 PVC	STF-32	گونیـــای پلاســـتیکی اسپیســـر یـو چنـل *Corner Joint*
 EPDM	SK-75	لاســـتیک ایزولاســـیون اســـکای لایـــت *isolason gasket*

Accessores list

CODE	DRAWING	CODE	DRAWING
NPP 028 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 094 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 021 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 121 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 095 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 278 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 139 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 140 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 143 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 283 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		
NPP 141 ایـــزولاتور شیشـــه ی نما FACADE THERMAL INSULATOR	 pvc		

Contents

01 سیستم نرده شیشه ای هندریل ، پاسار و.../ (Glass Handrail System , Pasar &...)
02 سیستم لوور / Louver System
03 سیستم زیرسازی ورق کامپوزیت/ Composite Panel System
04 سیستم سرامیک نمای خشک / Dry Ceramic Facade System
05 سیستم پارتیشن / Partition system
06 سیستم تیغه کرکره / Shutter system
07 سیستم توری / Roller System
08 پروفیل های رگال، ریل و دستگیره/ Handle And Sliding Door System
09 سیستم فیکسر / Fixers System
10 سیستم درب اتومات / Automatic Doors System
11 سیستم کوتتال / COTTAL Clading System
12 سیستم جام بالکنی / Balcony Doors System
13 پروفیل‌های سقف متحرک / Sliding Roof Profiles
14 پروفیل کابین دوش / Shower cabin profile

5

Additional Systems

سیستم های الحاقی

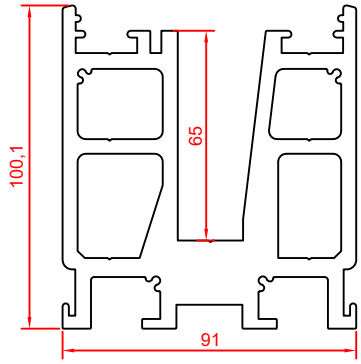
سیستم نرده شیشه ای (هندریل ، پاسار و...)

مشخصـــــات سیســـــتم

01

Glass Handrail System



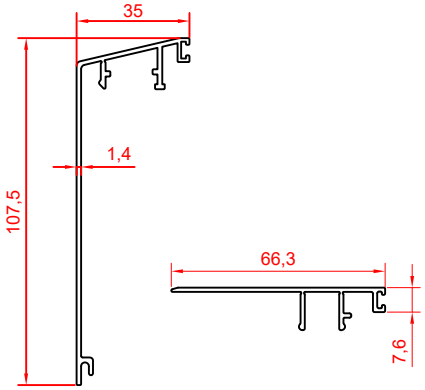


HP 23000

پروفیـــل شیشـــه گـــیر

Glass support base shoe

9.350 kg/m

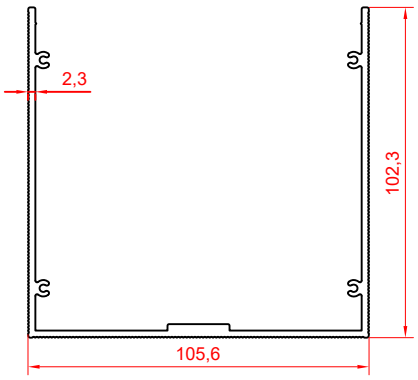


HP 23001

کـاور شیشـــه گـــیر

Cover profile

0.700 kg/m



HP23070

پروفیـــل کـاور دفـــنی شیشـــه گـــیر

cover profile

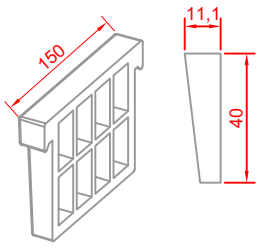
0.430 kg/m

HP23071

پروفیـــل Uدفـــنی

U Case Profile

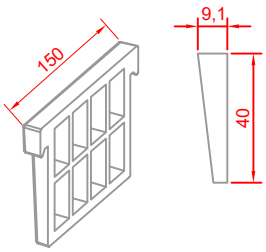
1.95 kg/m



2000-100

پـــی وی ســـی مثلـــثی شیشـــه 13.5mm

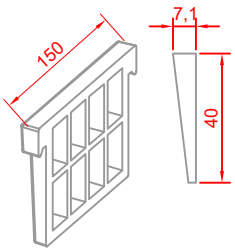
wedge set for 6+6mm glass



2000-101

پـــی وی ســـی مثلـــثی شیشـــه 15.5mm

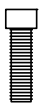
wedge set for 6+8mm glass



2000-102

پـــی وی ســـی مثلـــثی شیشـــه 17.5mm

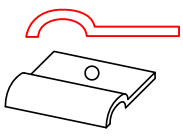
wedge set for 8+8mm glass



پیـــچ M8X20

پیـــچ نصـــب بســـت فلـــزی

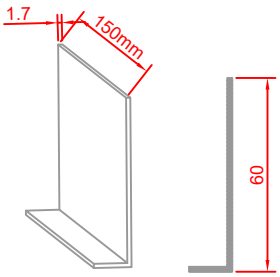
GLAZING WEDGE



2000-104

بســـت پـــی وی وی ســـی

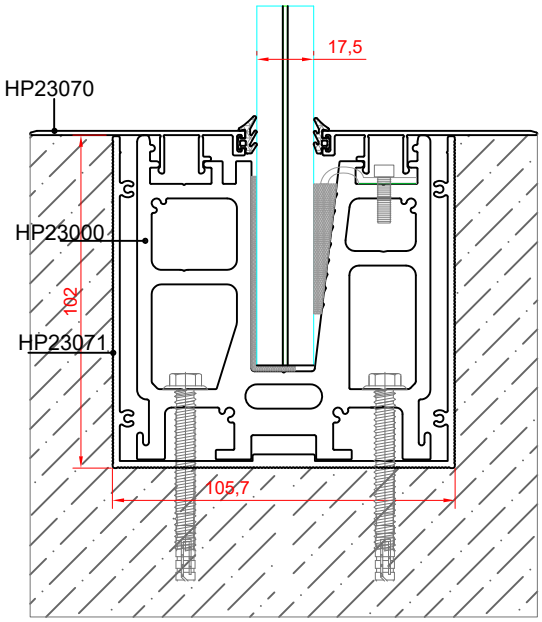
wedge locking

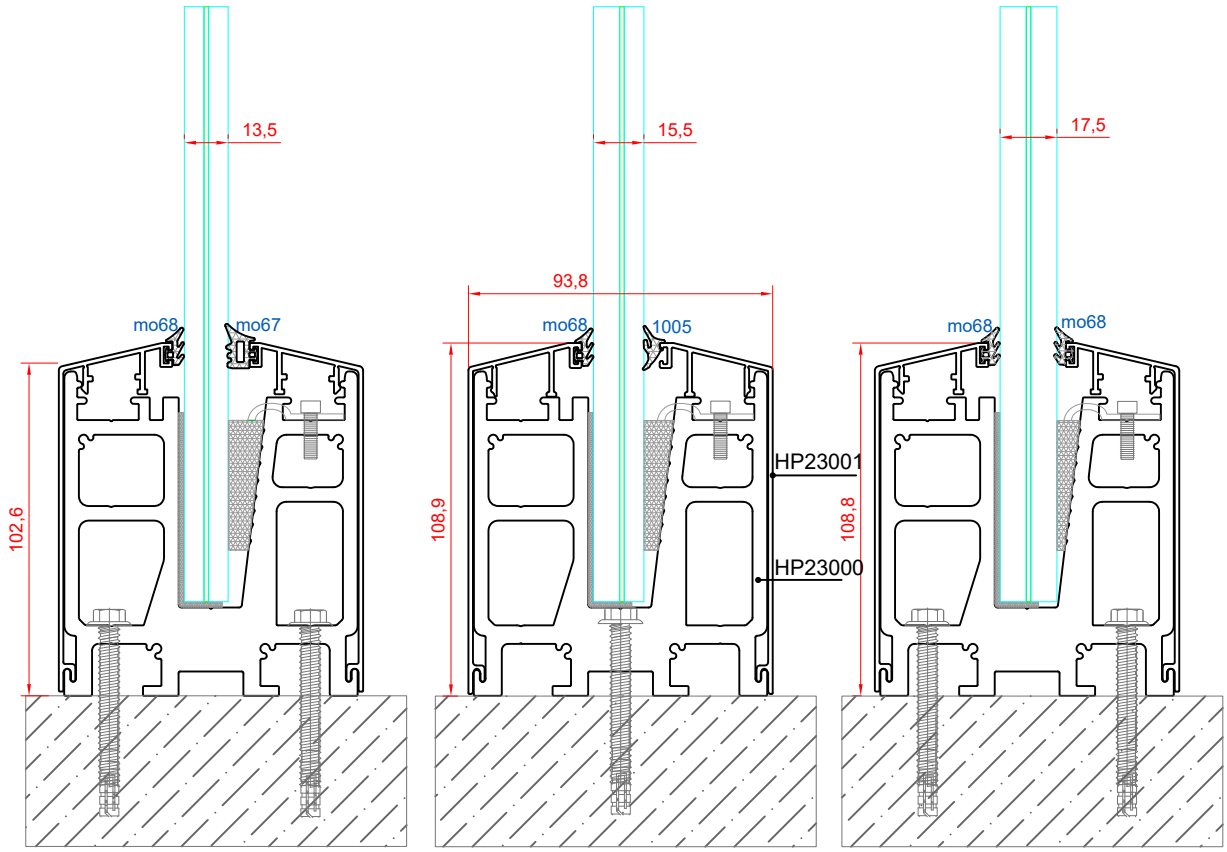


2000-105

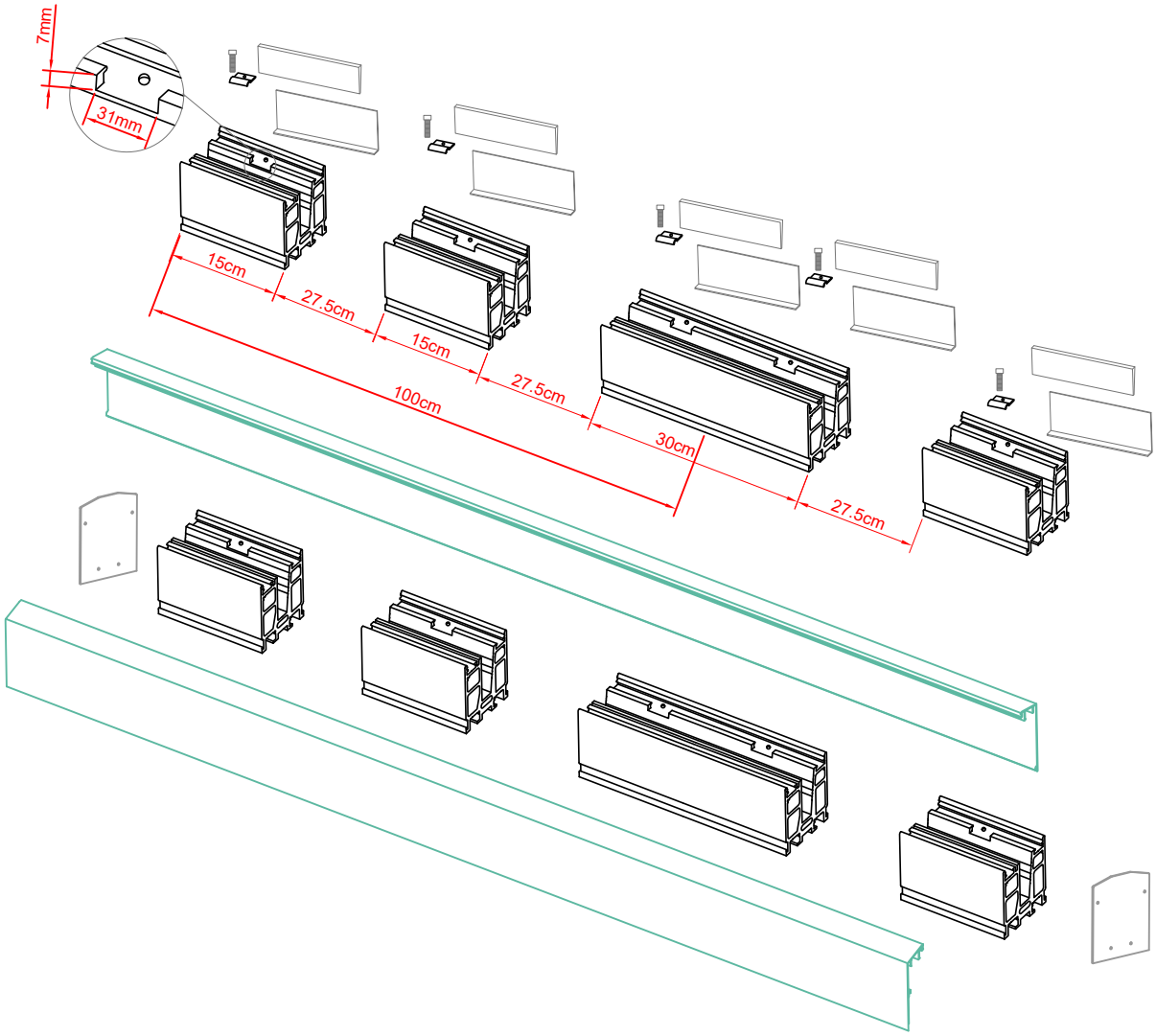
پـــی وی ســـی L نصـــب شیشـــه

GLAZING WEDGE

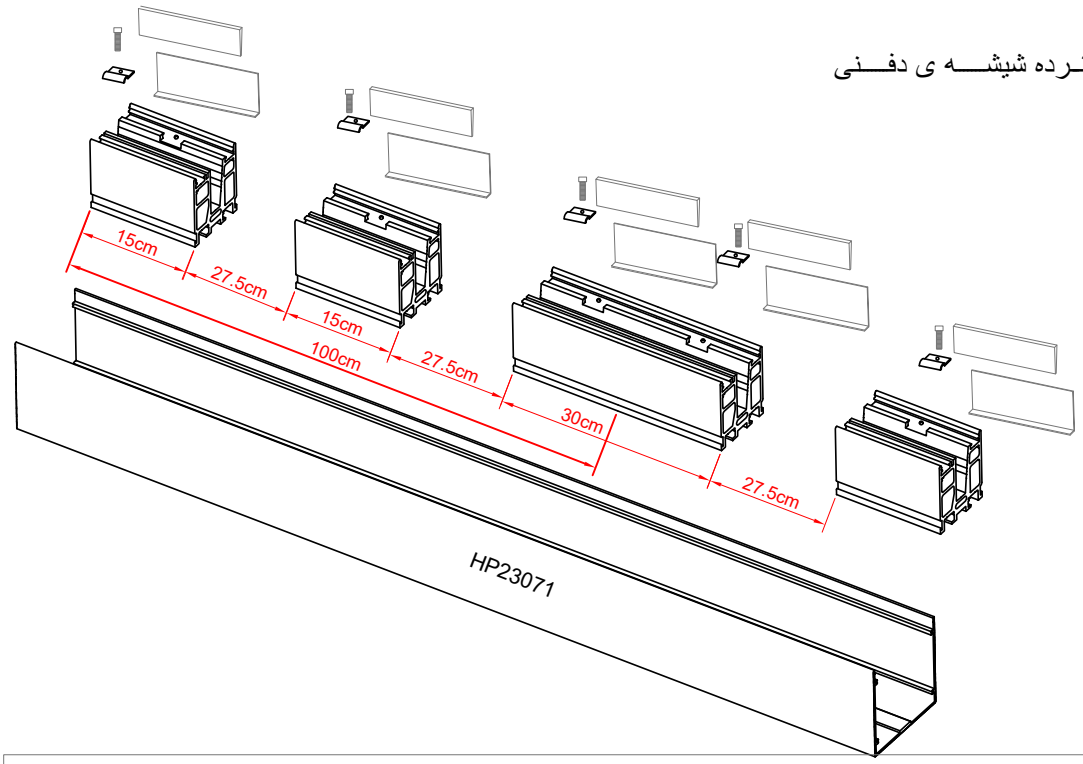

17,5
HP23070
HP23000
102
HP23071
105,7

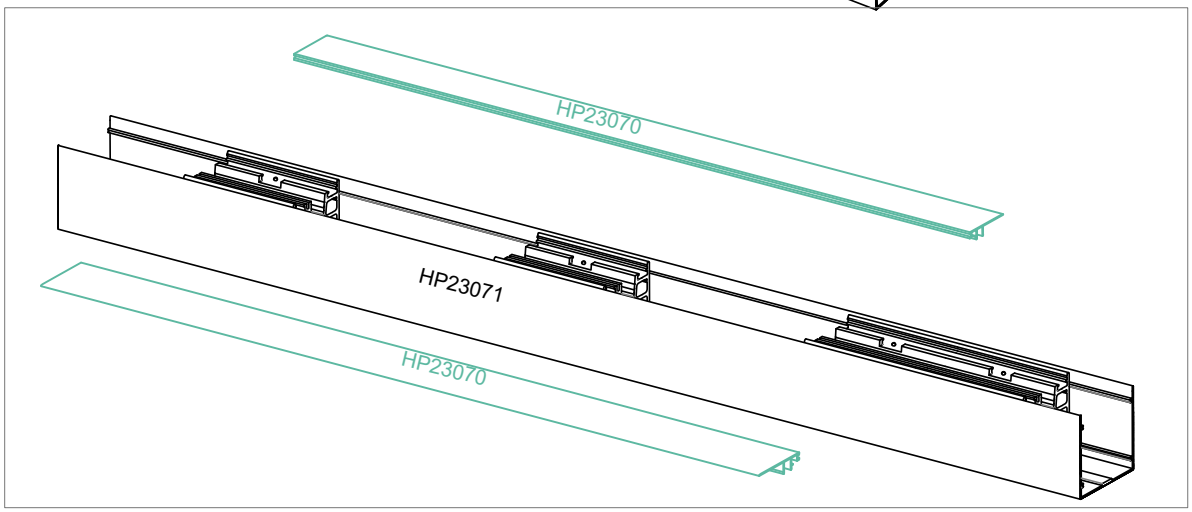

13,5
15,5
17,5
93,8
mo68
mo67
mo68
1005
mo68
mo68
102,6
108,9
108,8
HP23001
HP23000

نـرده شیشـــه ی روی سـطح

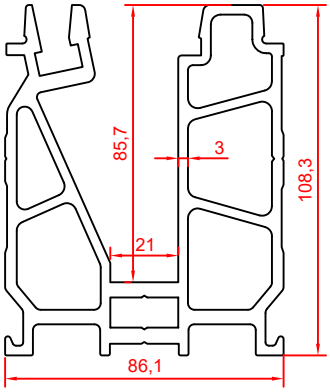


نـرده شیشـــه ی دفـــنی





5

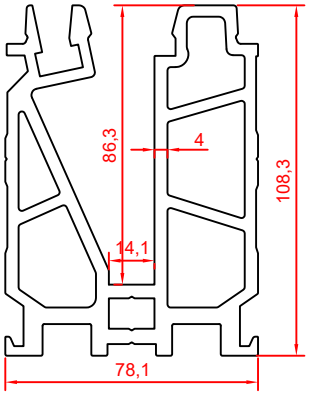


HP 23007

پروفیـــل شیشـــه گـــیر

Glass support base shoe

6.330 kg/m

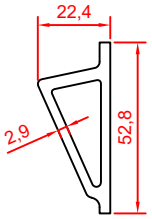


HP 23008

پروفیـــل شیشـــه گـــیر

Glass support base shoe

7.050 kg/m

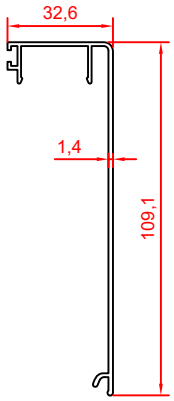


HP 23009

پروفیـــل آداپتـــور نصـــب شیشـــه

Glass insulation adapter

0.963 kg/m



HP 23072

کـــاور شیشـــه گـــیر

Cover profile

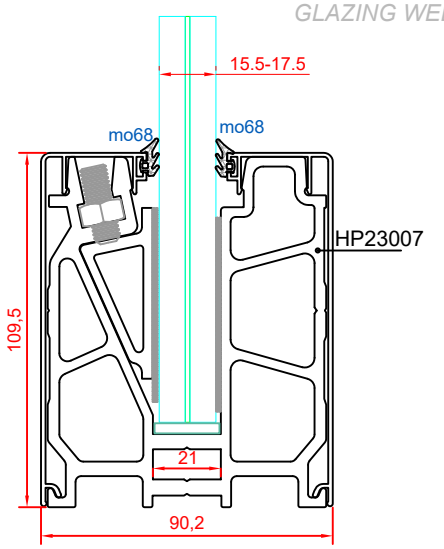
0.670 kg/m

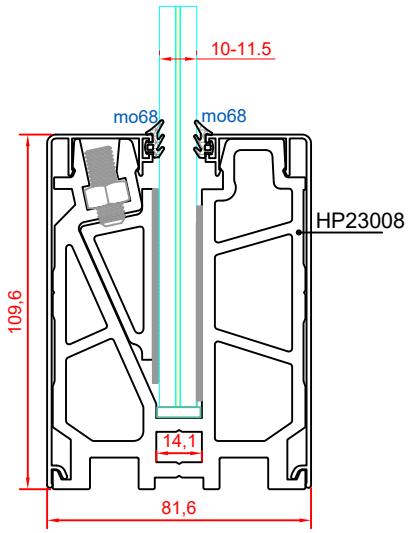


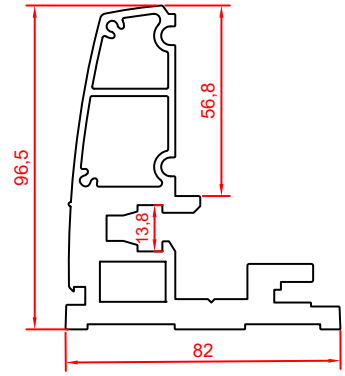
2000-106

پـــی وی ســـی‌نصـــب شیشـــه

GLAZING WEDGE





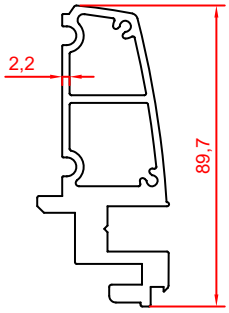


HP 23002

پروفیـــل شیشـــه گـــیر

Glass support base shoe

4.905 kg/m

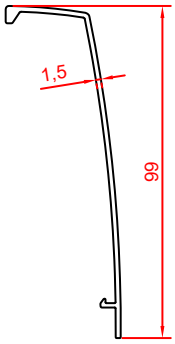


HP 23003

پروفیـــل شیشـــه گـــیر

Glass support base shoe

2.667 kg/m



HP 23004

کـاور شیشـــه گـــیر

Cover profile

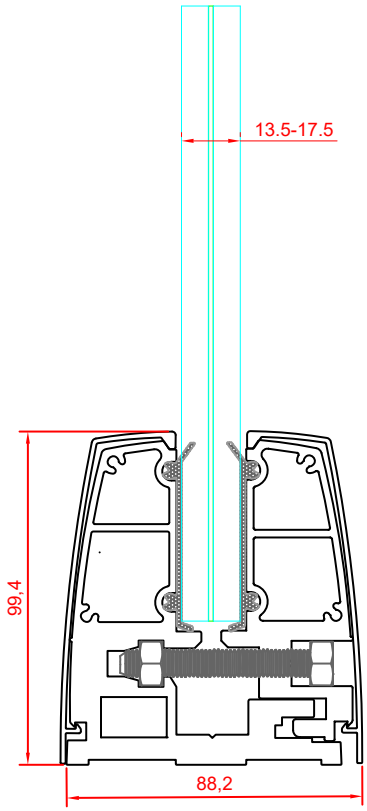
0.561 kg/m

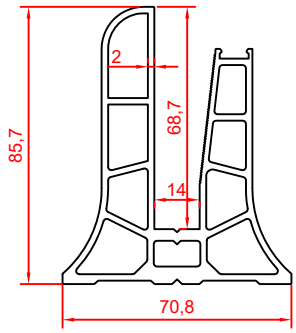


2000-107

لاســـتیک هند ریـل

wedge glass gasket



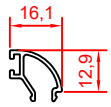


HP 23010

پروفیـــل شیشـــه گـــیر

Glass support base shoe

3.012 kg/m

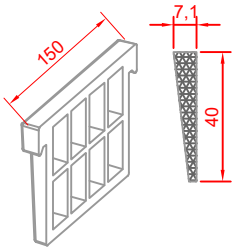


HP 23011

پروفیـــل‌زهوار شیشـــه گـــیر

Glazing bid profile

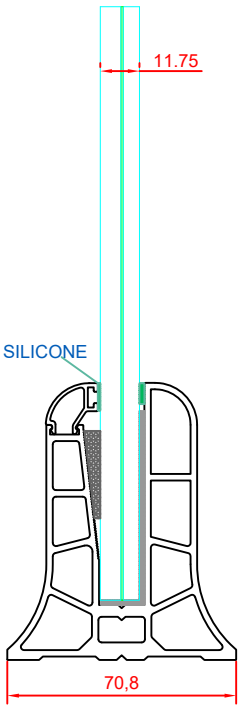
0.154 kg/m

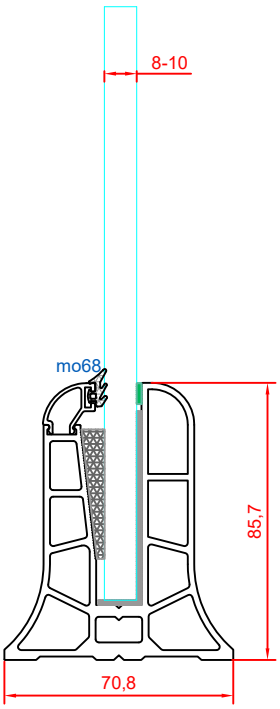


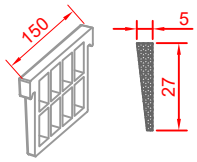
2000-102

پـــی وی ســـی مثلـــثی شیشـــه 11.75

wedge set for 8+8mm glass



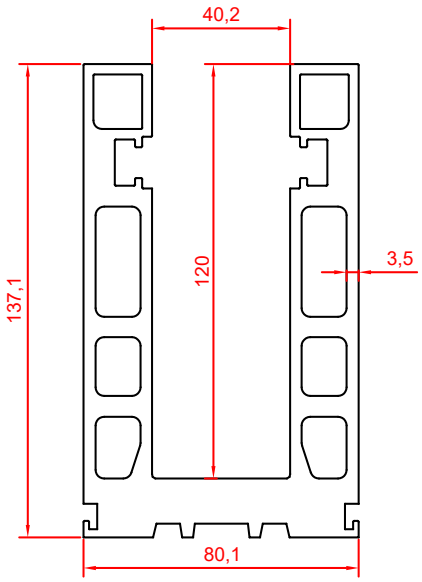




2000-108

پـــی وی ســـی مثلـــثی شیشـــه 8-10mm

wedge set for 8+8mm glass

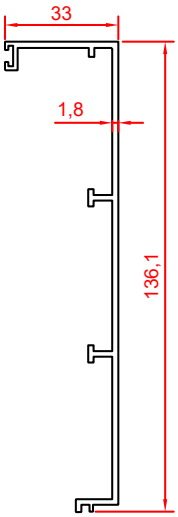


HP 23028

پروفیـــل شیشـــه گـــیر

Glass support base shoe

9.920 kg/m

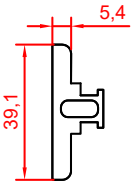


HP 23027

کـاور شیشـــه گـــیر

Cover profile

1.030 kg/m

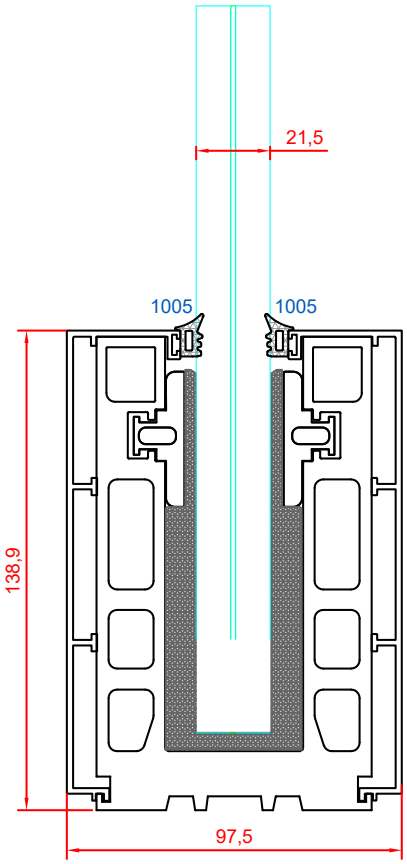


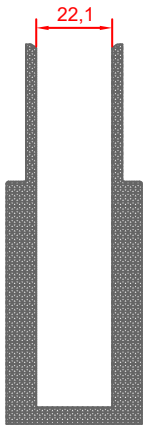
HP 23074

پروفیـــل تنظیـــم شیشـــه

Wedge profile

0.190 kg/m

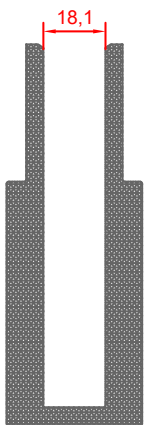




2000-110

لاســـتیک شیشـــه 21.5

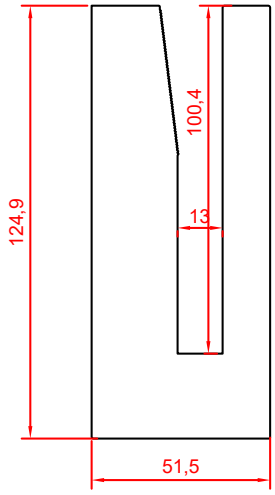
wedge set for 10+10mm glass



2000-111

لاســـتیک شیشـــه 17.5

wedge set for 8+8mm glas

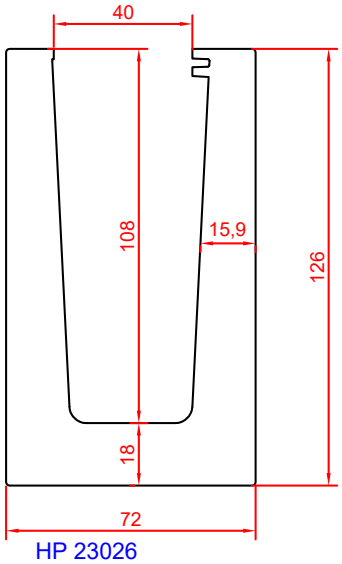


HP 23024

پروفیـــل شیشـــه گـــیر

Glass support base shoe

13.700 kg/m

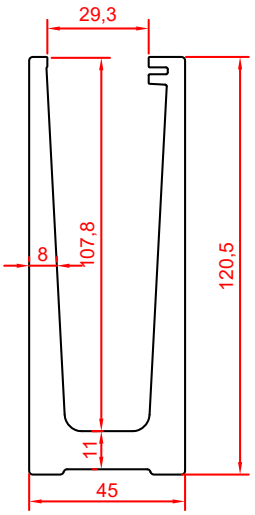


HP 23026

پروفیـــل شیشـــه گـــیر

Glass support base shoe

12.900 kg/m

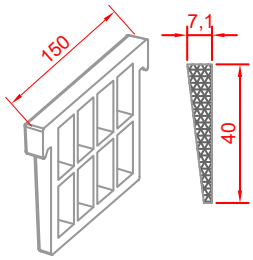


HP 23025

پروفیـــل شیشـــه گـــیر

Glass support base shoe

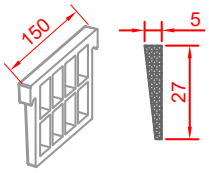
6.180 kg/m



2000-102

11.75 پـــی وی ســـی مثلـــثی شیشـــه

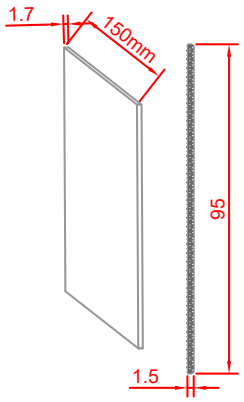
wedge set for 8+8mm glass



2000-108

پـــی وی ســـی مثلـــثی شیشـــه 8-10mm

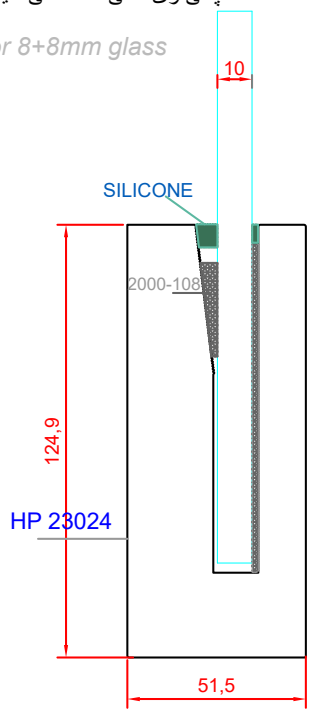
wedge set for 8+8mm glass

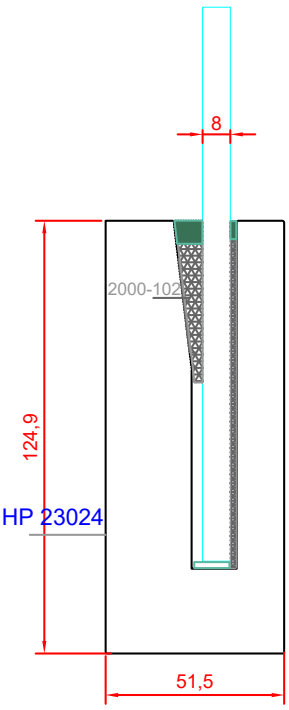


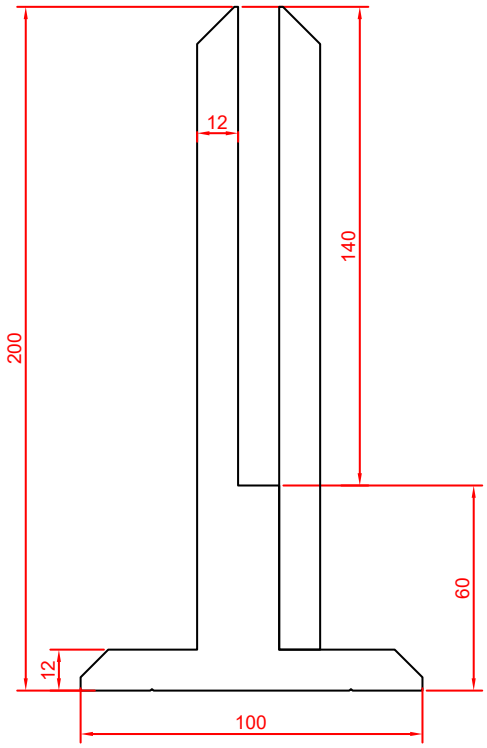
2000-109

پـــی وی ســـی نصـــب شیشـــه

GLAZING WEDGE





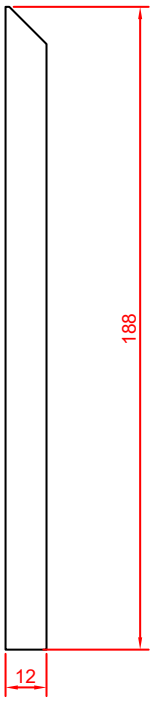


HP 23022

پروفیـــل شیشـــه گـــیر

Glass support base shoe

10.650 kg/m

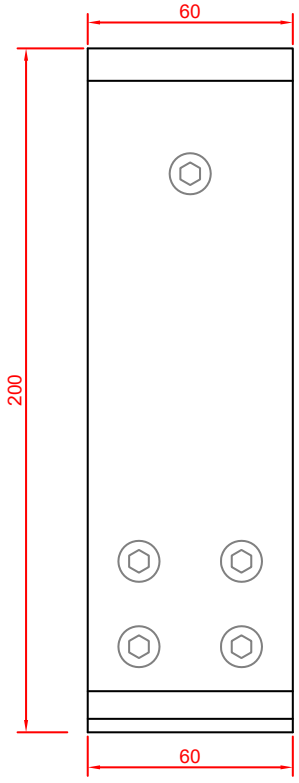


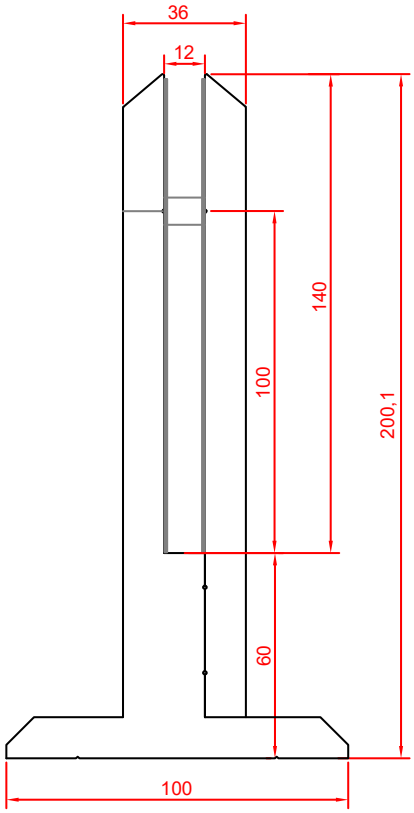
HP 23023

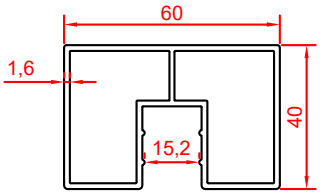
پروفیـــل شیشـــه گـــیر

Glass support base shoe

6.050 kg/m





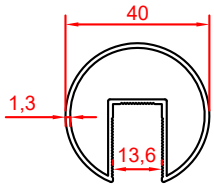


HP 23016

پروفیـــل کـاور شیشـــه

top rail profile

1.127 kg/m

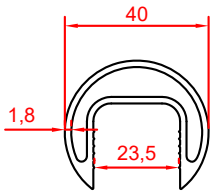


HP 23017

پروفیـــل کـاور شیشـــه

top rail profile

0.576 kg/m

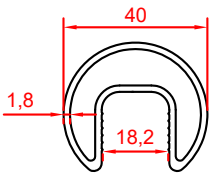


HP 23018

پروفیـــل کـاور شیشـــه

top rail profile

0.824 kg/m

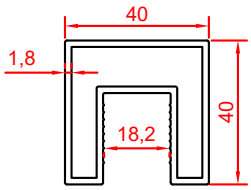


HP 23019

پروفیـــل کـاور شیشـــه

top rail profile

0.795 kg/m

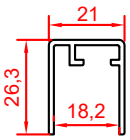


HP 23021

پروفیـــل کـاور شیشـــه

top rail profile

1.024 kg/m

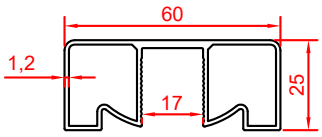


HP 23020

پروفیـــل کـاور شیشـــه

top rail profile

0.324 kg/m

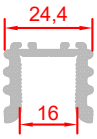


HP 23073

پروفیـــل کـاور شیشـــه

top rail profile

0.731 kg/m

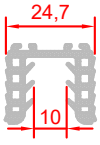


2000-110

لاســـتیک شیشـــه

17.5 mm

handrail 17.5mm gasket

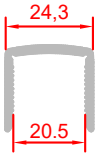


2000-111

لاســـتیک شیشـــه

13.5 mm

handrail 17.5mm gasket

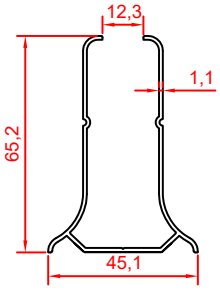


2000-112

لاســـتیک شیشـــه

21.5 mm

handrail 17.5mm gasket

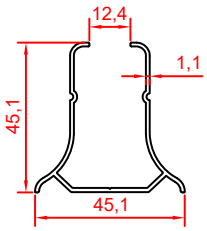


HP 23014

پروفیـــل شیشـــه گـــیر

Glass support base shoe

0.808 kg/m

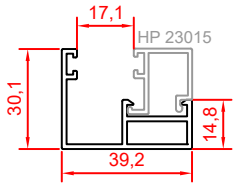


HP 23012

پروفیـــل شیشـــه گـــیر

Glass support base shoe

0.468 kg/m

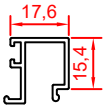


HP 23013

پروفیـــل شیشـــه گـــیر

Glass support base shoe

0.494 kg/m

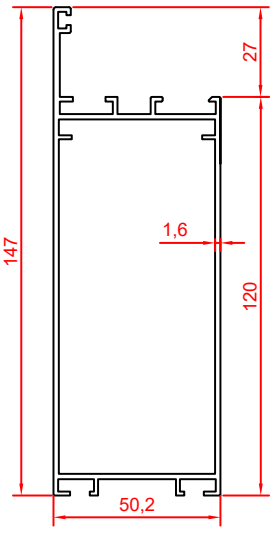


HP 23015

زهوار فـــریم شیشـــه گـــیر

Glazing bid profile

0.247 kg/m

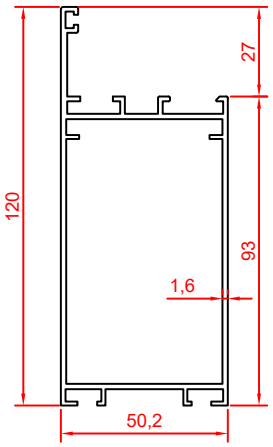


HP 23029

پروفیـــل شیشـــه گـــیر

Glass support base shoe

1.823 kg/m

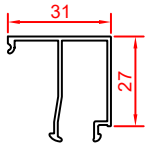


HP 23030

پروفیـــل شیشـــه گـــیر

Glass support base shoe

1.581 kg/m

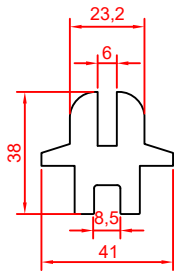


HP 23031

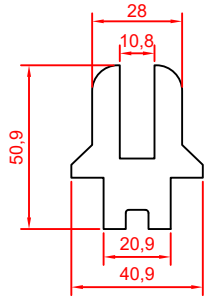
پروفیـــل زهوار

Glazing bid profile

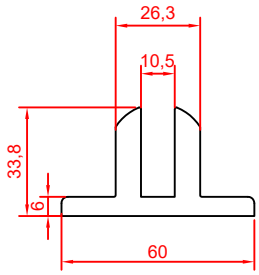
0.334 kg/m



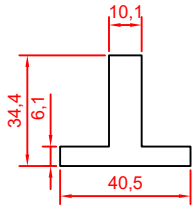
HP 23032
2.034 kg/m



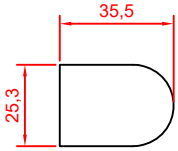
HP 23033
2.837 kg/m



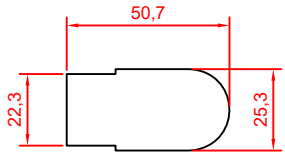
HP 23034
2.121 kg/m



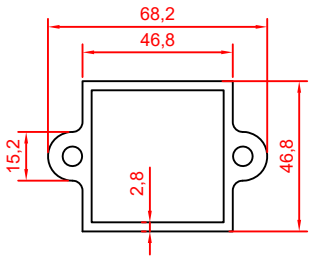
HP 23035
1.483 kg/m



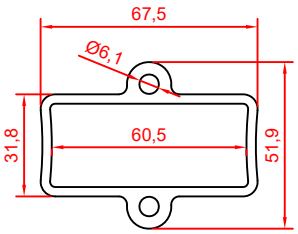
HP 23036
2.410 kg/m



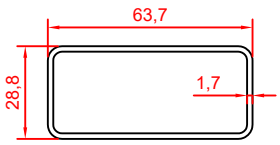
HP 23037
3.244 kg/m



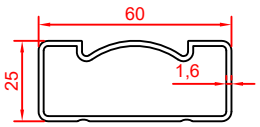
HP 23038
2.008 kg/m



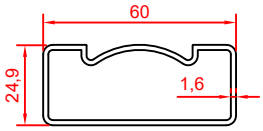
HP 23039
1.993 kg/m



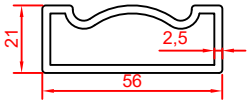
HP 23040
0.790 kg/m



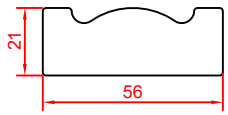
HP 23040
0.790 kg/m



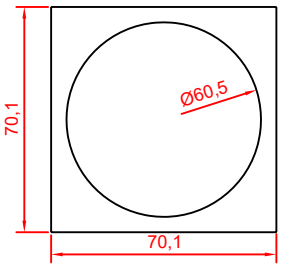
HP 23042
0.751 kg/m



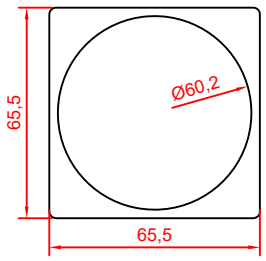
HP 23043
1.050 kg/m



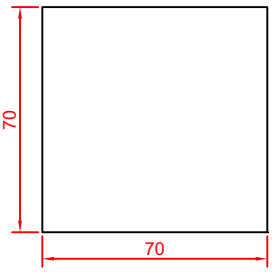
HP 23044
3.038 kg/m



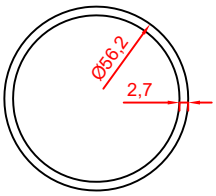
HP 23046
5.659 kg/m



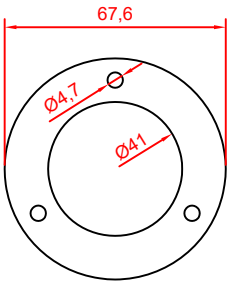
HP 23047
4.00 kg/m



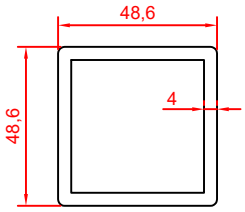
HP 23050
13.626 kg/m



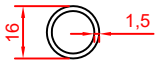
HP 23053
1.246 kg/m



HP 23054
6.164 kg/m



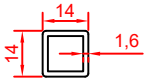
HP 23055
1.977 kg/m



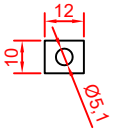
HP 23056
0.190 kg/m



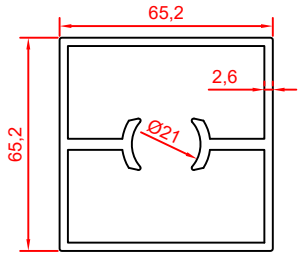
HP 23066
0.561 kg/m



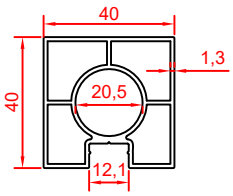
HP 23067
0.216 kg/m



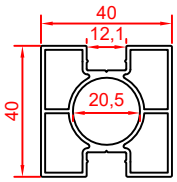
HP 23068
0.278 kg/m



HP 23045
2.363 kg/m



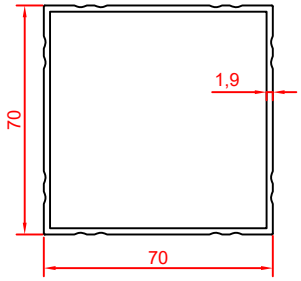
HP 23057
0.916 kg/m



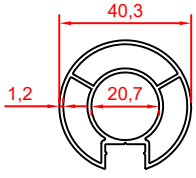
HP 23059
0.947 kg/m



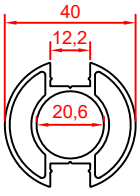
HP 23061
0.721 kg/m



HP 23049
1.395 kg/m



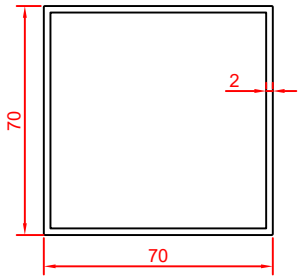
HP 23058
0.721 kg/m



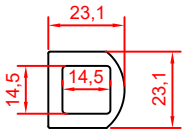
HP 23060
0.875 kg/m



HP 23062
0.078 kg/m

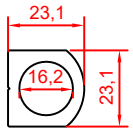


HP 23048
1.514 kg/m



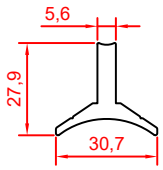
HP 23064

0.798 kg/m



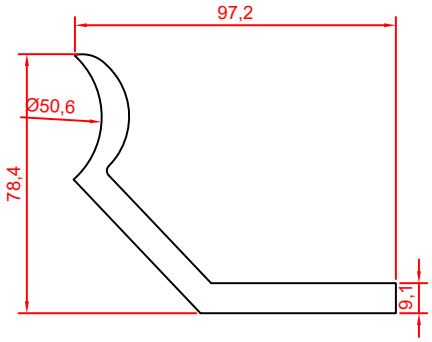
HP 23065

0.803 kg/m



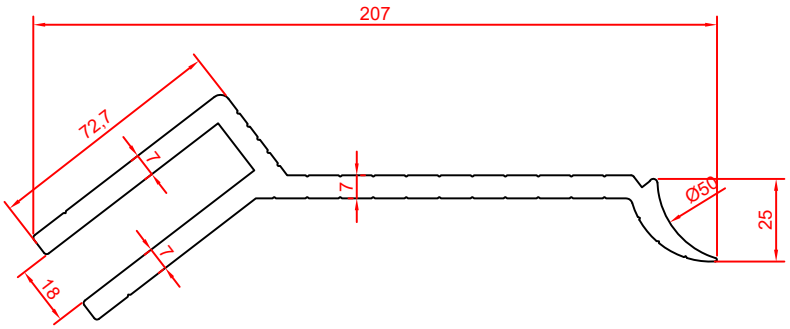
HP 23069

0.602 kg/m



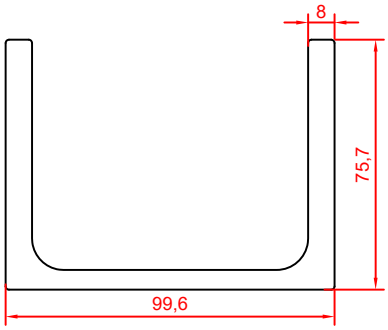
HP 23063

3.465 kg/m



HP 23052

6.056 kg/m



HP 23051

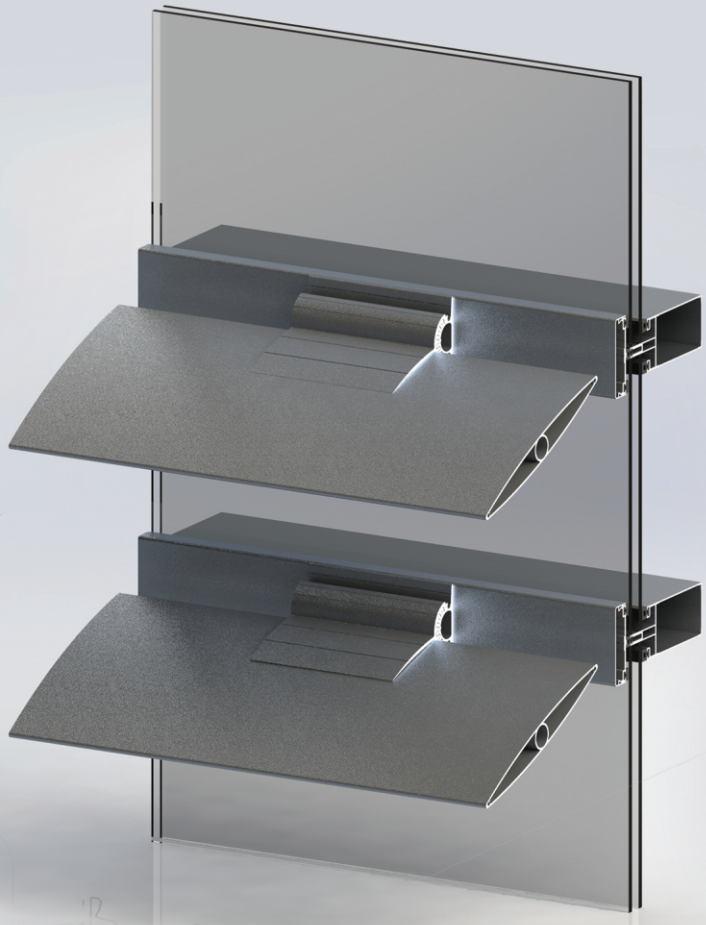
4.866 kg/m

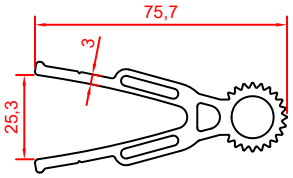
سیستم لـــوور

مشخصـــــات سیســـــتم

5 02

Louver System

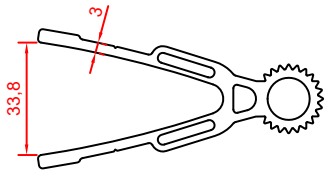




SB 21519

پروفیـــــل منقـــاری لـوور
Adjustable louvre support

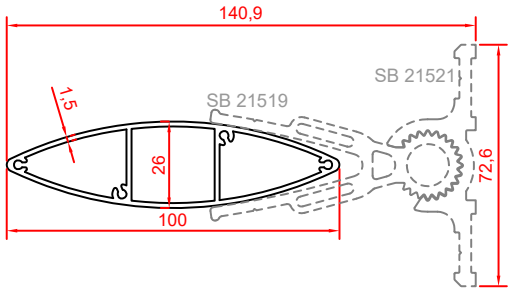
2.025 kg/m



SB 21520

پروفیـــــل منقـــاری لـوور
Adjustable louvre support

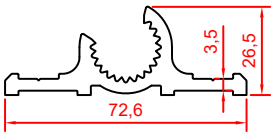
1.915 kg/m



SB 21509

پروفیـــــل لـوور 100X26
Louvre profile

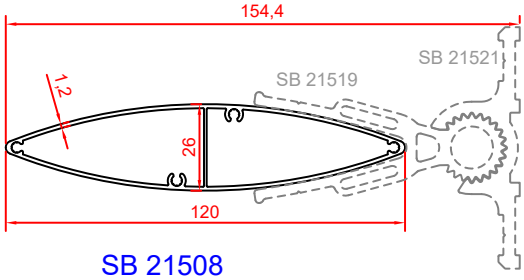
1.112 kg/m



SB 21521

پایـــه چرخشـی لـوور
Adjustable louvre support

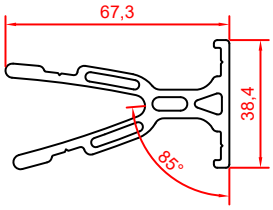
1.325 kg/m



SB 21508

پروفیـــــل لـوور 120X26
Louvre profile

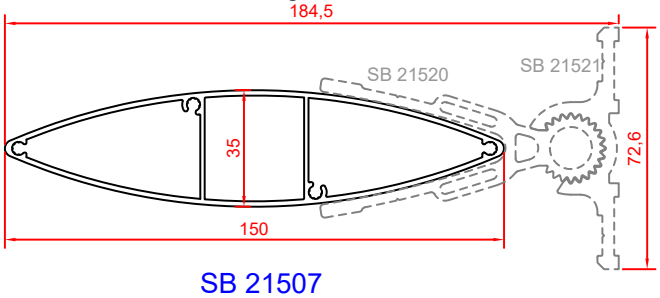
0.940 kg/m



SB 21522

پروفیـــــل پایـــه لـوور
Adjustable louvre support

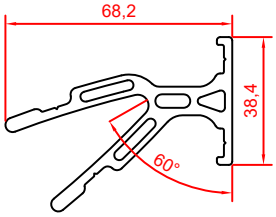
1.595 kg/m



SB 21507

پروفیـــــل لـوور 150X35
Louvre profile

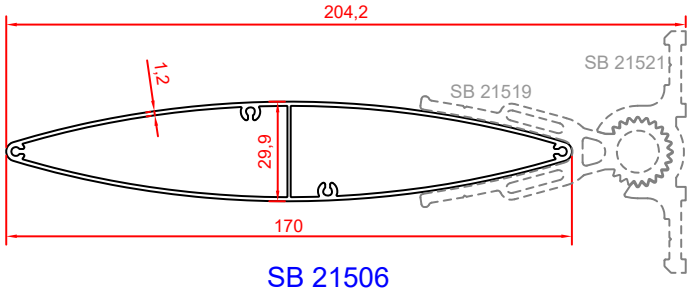
1.650 kg/m



SB 21523

پروفیـــــل پایـــه لـوور
Adjustable louvre support

1.690 kg/m



SB 21506

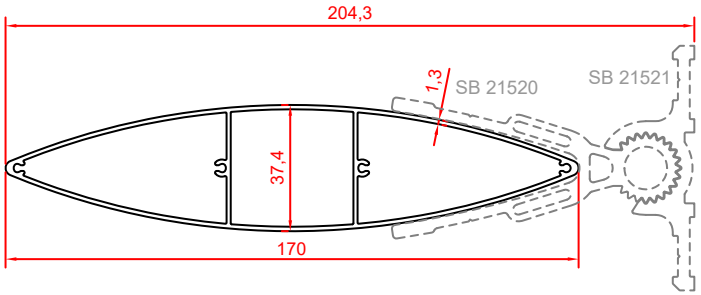
پروفیـــــل لـوور 170X30
Louvre profile

1.410 kg/m

SB 21505

170X37.4 پروفيـــــل لـوور
Louvre profile

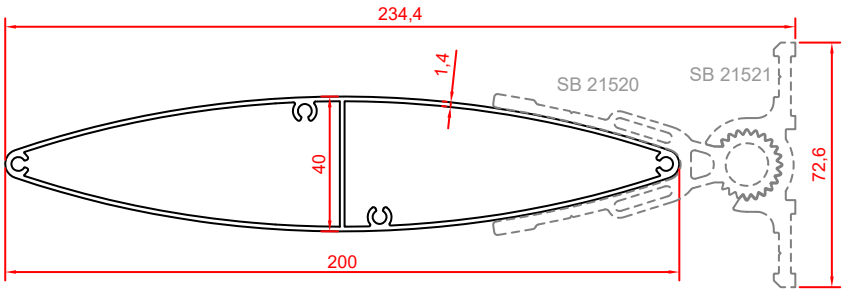
1.575 kg/m



SB 21504

200X40 پروفيـــــل لـوور
Louvre profile

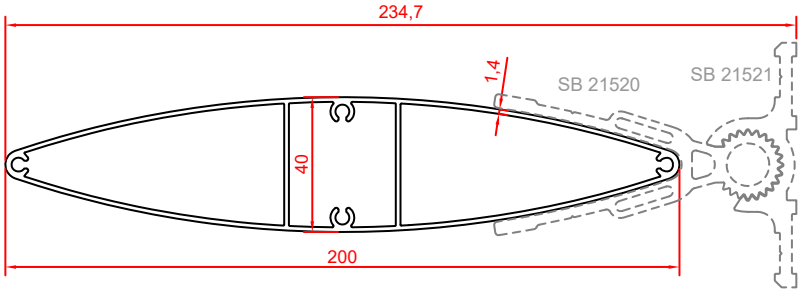
1.915 kg/m



SB 21503

200X40 پروفيـــــل لـوور
Louvre profile

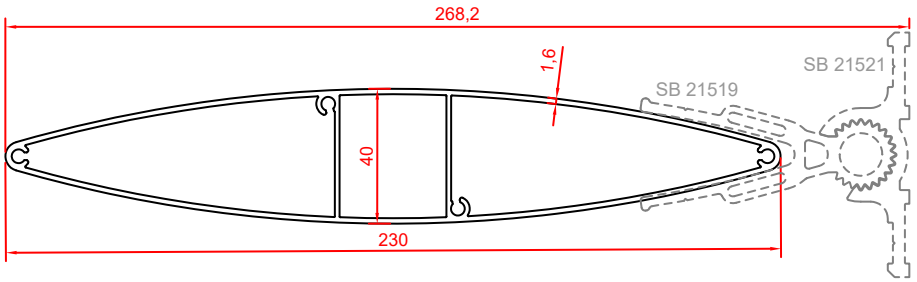
2.055 kg/m



SB 21502

230X40 لـوور
Louvre profile

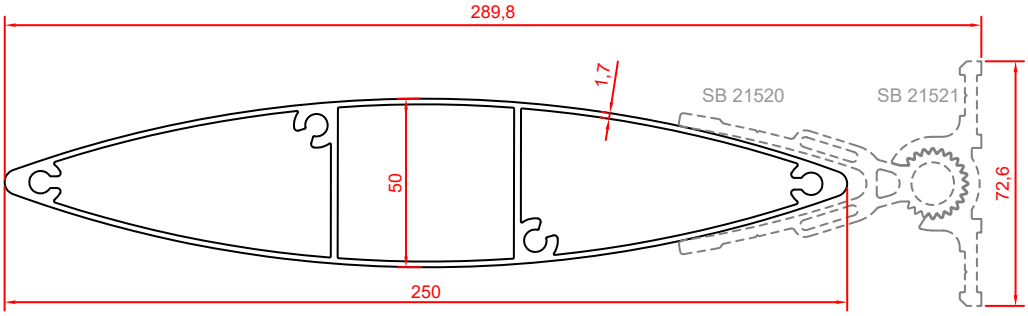
2.500 kg/m

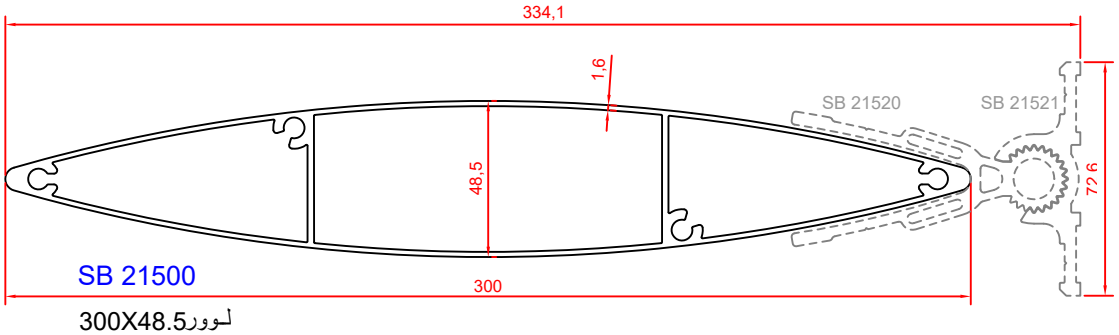


SB 21501

250X50لـوور
Louvre profile

3.620 kg/m



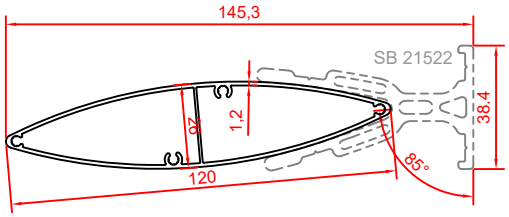


SB 21500

300X48.5لـوور

Louvre profile

3.720 kg/m

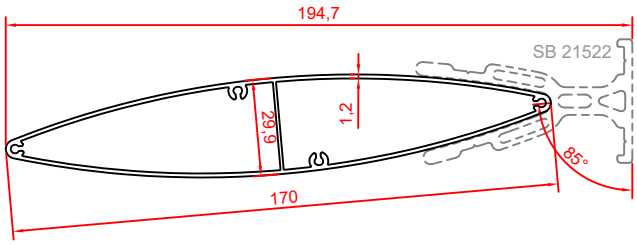


SB 21508

120X26 پروفیـــــل لـوور

Louvre profile

0.940 kg/m

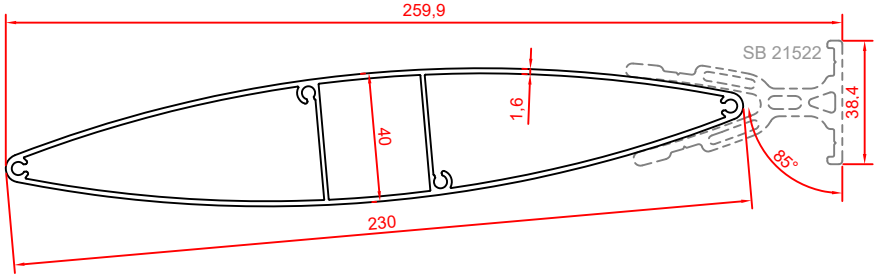


SB 21506

170X30 پروفیـــــل لـوور

Louvre profile

1.410 kg/m

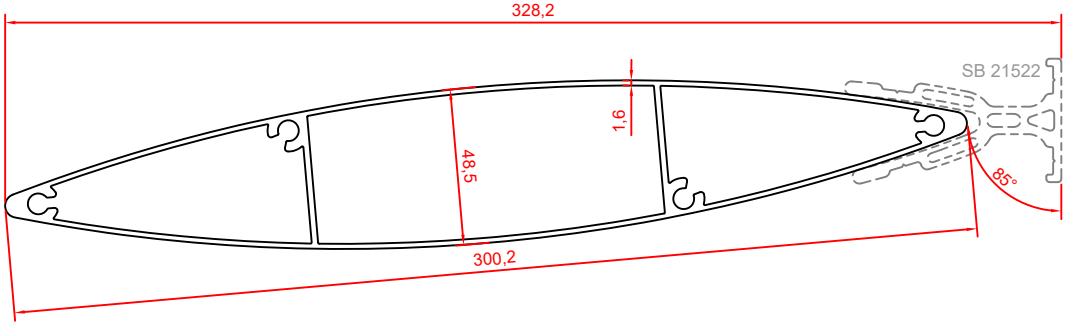


SB 21502

230X40 لـوور

Louvre profile

2.500 kg/m



SB 21500

300X48.5لـوور

Louvre profile

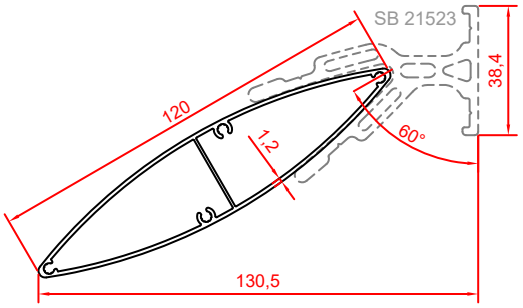
3.720 kg/m

SB 21508

پروفیـــــل لـوور 120X26

Louvre profile

0.940 kg/m

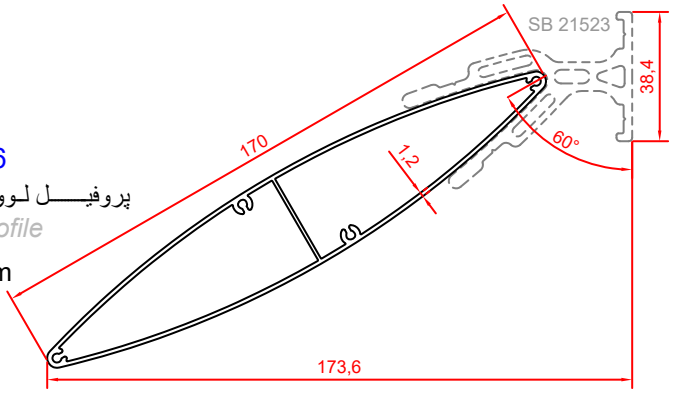


SB 21506

پروفیـــــل لـوور 170X30

Louvre profile

1.410 kg/m

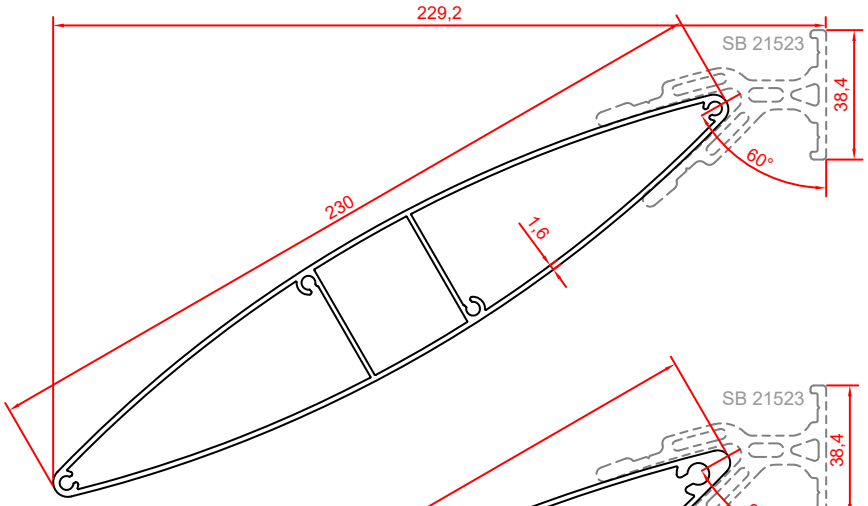


SB 21502

لـوور 230X40

Louvre profile

2.500 kg/m

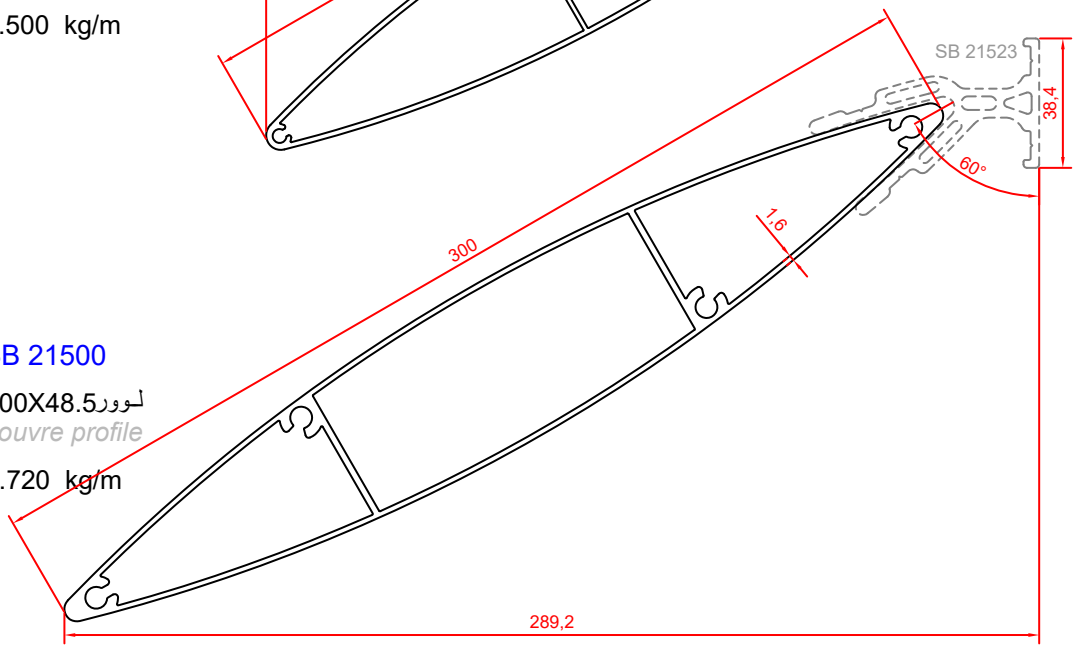


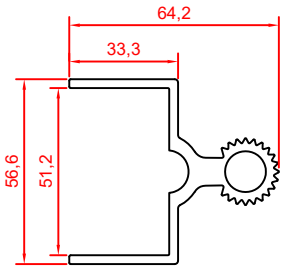
SB 21500

لـوور300X48.5

Louvre profile

3.720 kg/m





SB 21511

منقـاری لـوور مســـــتطیلی

Adjustable louvre support

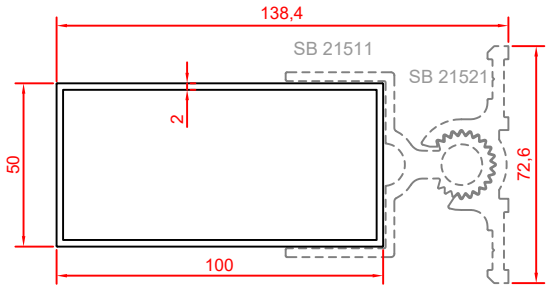
1.565 kg/m

SB 21515

پروفیـــــل لـوور 100X50

Louvre profile

1.625 kg/m

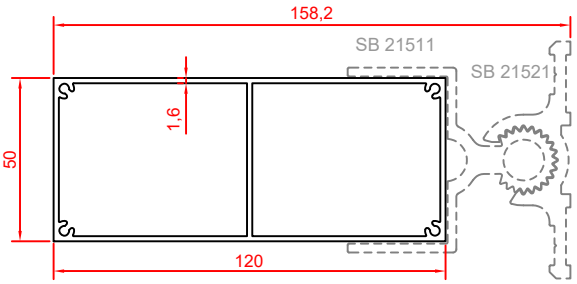


SB 21514

پروفیـــــل لـوور 120X50

Louvre profile

1.790 kg/m

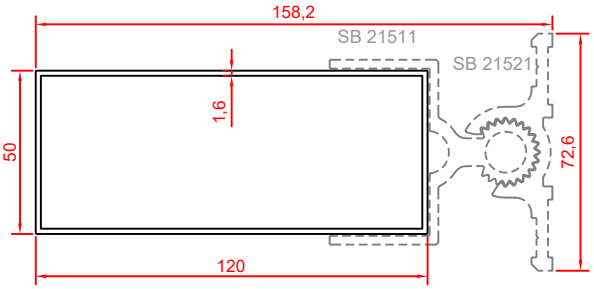


SB 21513

پروفیـــــل لـوور 120X50

Louvre profile

1.483 kg/m

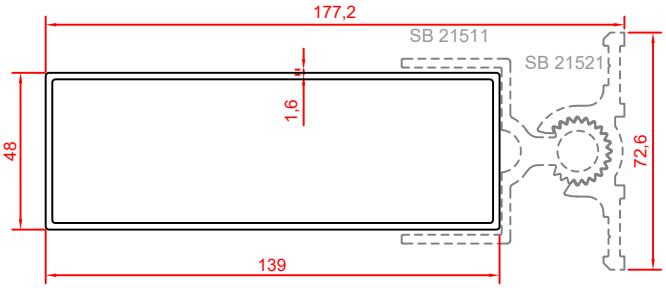


SB 21524

پروفیـــــل لـوور 139X48

Louvre profile

2.035 kg/m

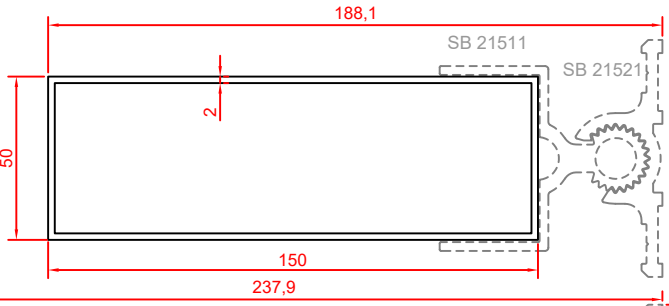


SB 21512

پروفیـــــل لـوور 150X50

Louvre profile

2.185 kg/m

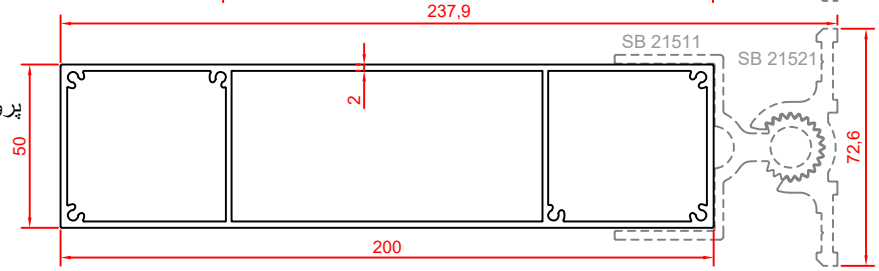


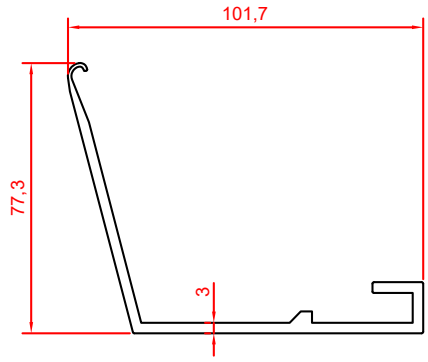
SB 21510

پروفیـــــل لـوور 200X50

Louvre profile

3.326 kg/m



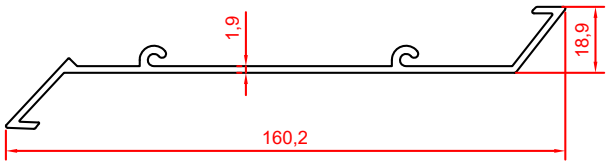


SB 21518

پروفیـــــل پایـــه لـوور Z

Louvre profile

1.524 kg/m

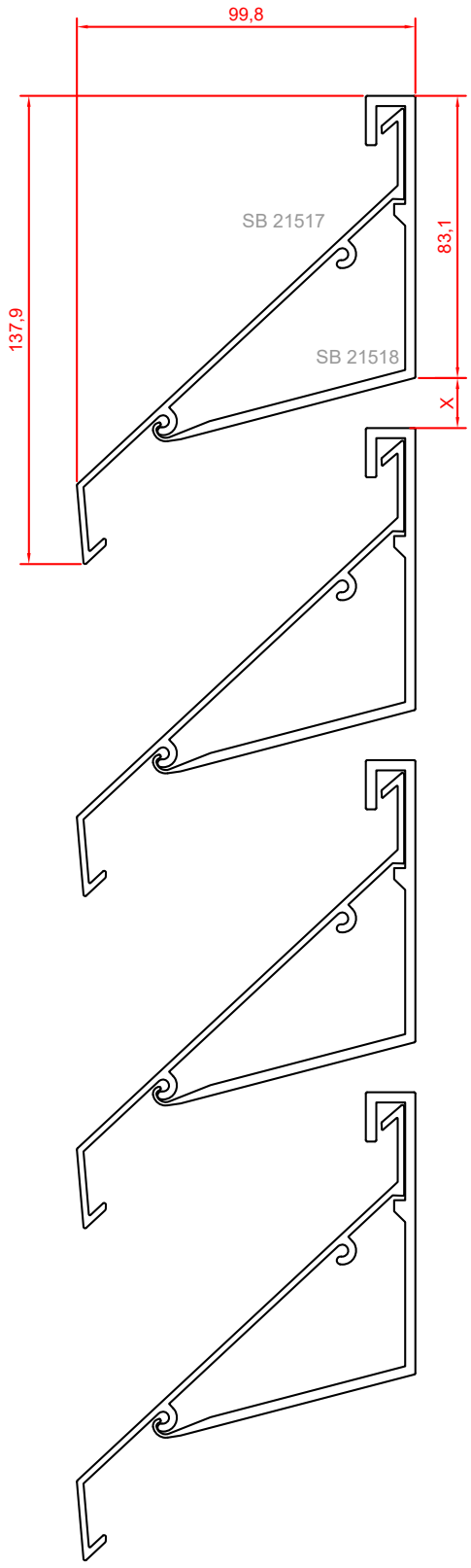


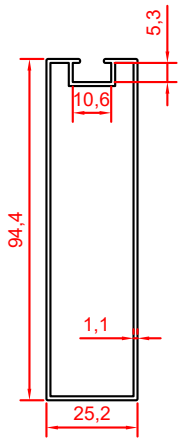
SB 21517

پروفیـــــل لـوور Z

Louvre profile

1.133 kg/m



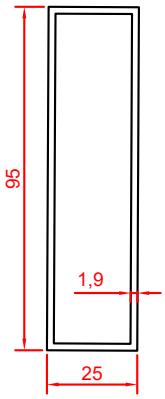


SB 21525

94.4X25.2 پروفیـــــل لـوور

Louvre profile

0.770 kg/m

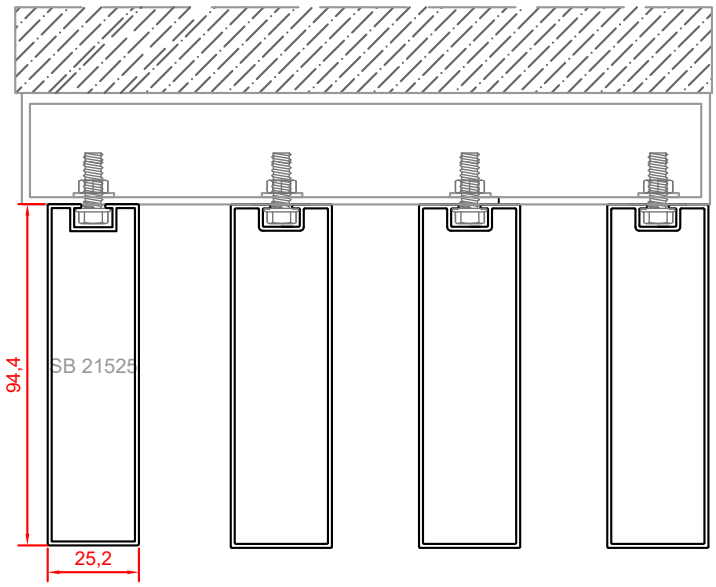


SB 21516

95X25 پروفیـــــل لـوور

Louvre profile

1.225 kg/m

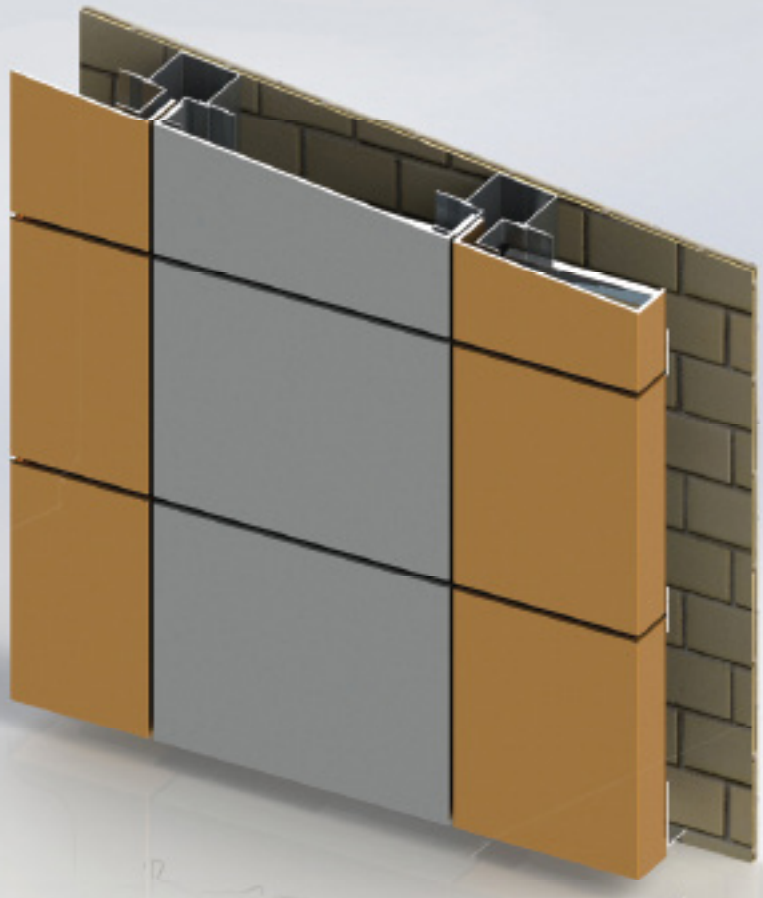


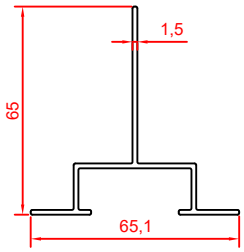
سیستم زیرسازی ورق کامپوزیت

مشخصـــات سیســـــتم

03

Panel System Composite





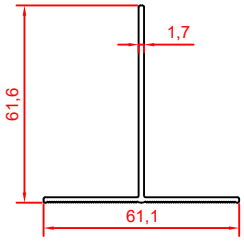
CP 22764

پروفیـــل T
T profile

0.640 kg/m

Jx=7.33 cm^4

Jy=5.19 cm^4



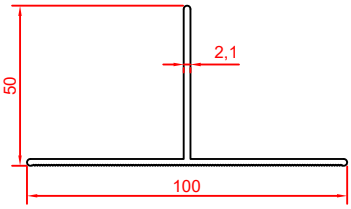
CP 22765

پروفیـــل T
T profile

0.550 kg/m

Jx=7.62 cm^4

Jy=2.91 cm^4



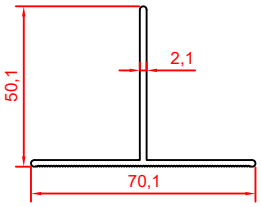
CP 22769

پروفیـــل T
T profile

0.820 kg/m

Jx=5.94 cm^4

Jy=15.93 cm^4



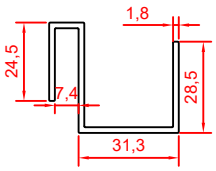
CP 22768

پروفیـــل T
T profile

0.660 kg/m

Jx=5.47 cm^4

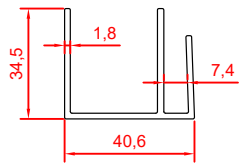
Jy=5.47 cm^4



CP 22754

پروفیـــل لقمـه ثابـــت
Connector profile

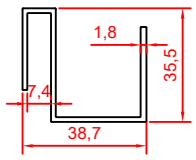
0.620 kg/m



CP 22763

پروفیـــل لقمـه ثابـــت
Connector profile

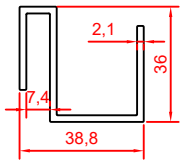
0.680 kg/m



CP 22752

پروفیـــل لقمـه ثابـــت
Connector profile

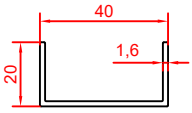
0.620 kg/m



CP 22753

پروفیـــل لقمـه ثابـــت
Connector profile

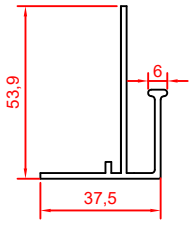
0.730 kg/m



CP 22762

پروفیـــل گونیـــای عمودی
Vertical alignment profile

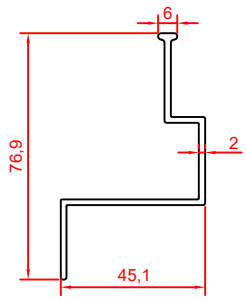
0.350 kg/m



CP 22767

پروفیـــل ابتـــدایی
Hook profile

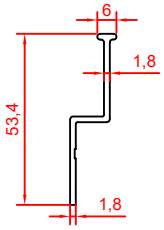
0.620 kg/m



CP 22766

پروفیـــل میـــانی
Hook profile

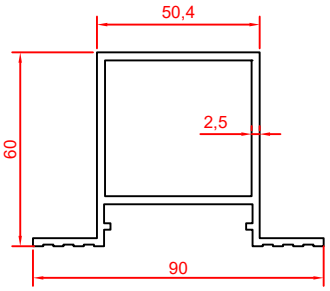
0.710 kg/m



CP 22755

پروفیـــل انتهـــا
End hook profile

0.340 kg/m



CP 22757

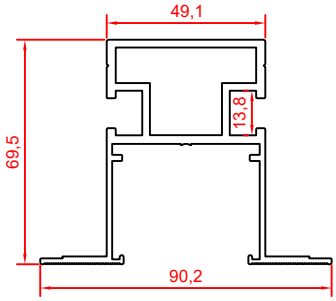
پروفیـــل مولیـــون

Mullion profile

1.714 kg/m

Jx=28.38 cm^4

Jy=32.51 cm^4



CP 22756

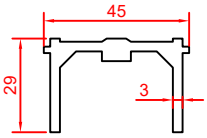
پروفیـــل مولیـــون

Mullion profile

1.946 kg/m

Jx=30.93 cm^4

Jy=36.94 cm^4

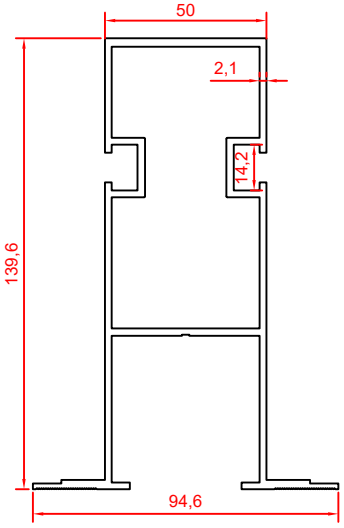


CP 22750

هنگ کامپوزیـــت

Composite profile

0.963 kg/m



CP 22758

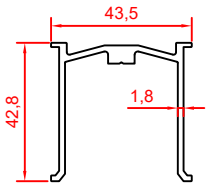
پروفیـــل مولیـــون

Mullion profile

2.914 kg/m

Jx=22.59 cm^4

Jy=553.02 cm^4

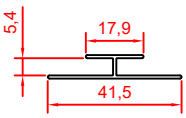


CP 22751

پروفیـــل هنگ کامپوزیـــت

Composite panel profile

0.746 kg/m

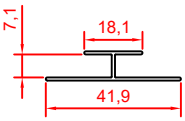


CP 22759

پروفیـــل کامپوزیـــتH

Composite profile

0.175 kg/m

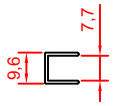


CP 22760

پروفیـــل کامپوزیـــتH

Composite profile

0.180 kg/m

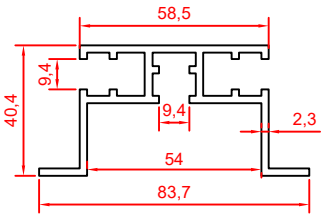


CP 22761

پروفیـــل کامپوزیـــت

Composite profile

0.077 kg/m



CP 40407

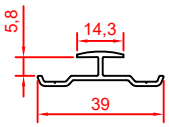
پروفیـــل هنگ کامپوزیـــت

Composite panel profile

1.426 kg/m

Jx=9.03 cm^4

Jy=25.50 cm^4

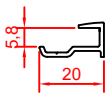


CP 22772

پروفیـــل کامپوزیـــتH

Composite profile

0.240 kg/m

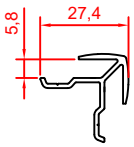


CP 22770

پروفیـــل کامپوزیـــتL

Composite profile

0.140 kg/m



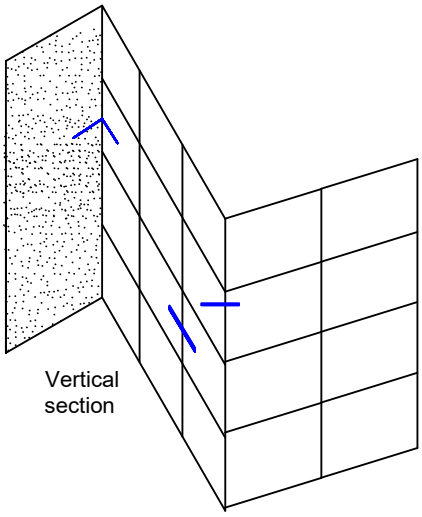
CP 22771

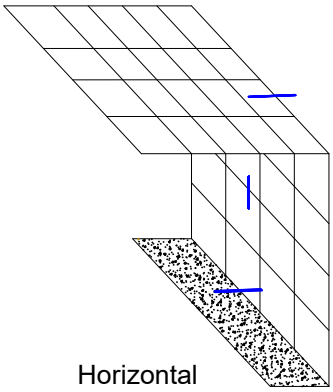
پروفیـــل کامپوزیـــت کنـــج

Corner composite profil

0.310 kg/m

دیتیـــــل زیـر سـازی H-L



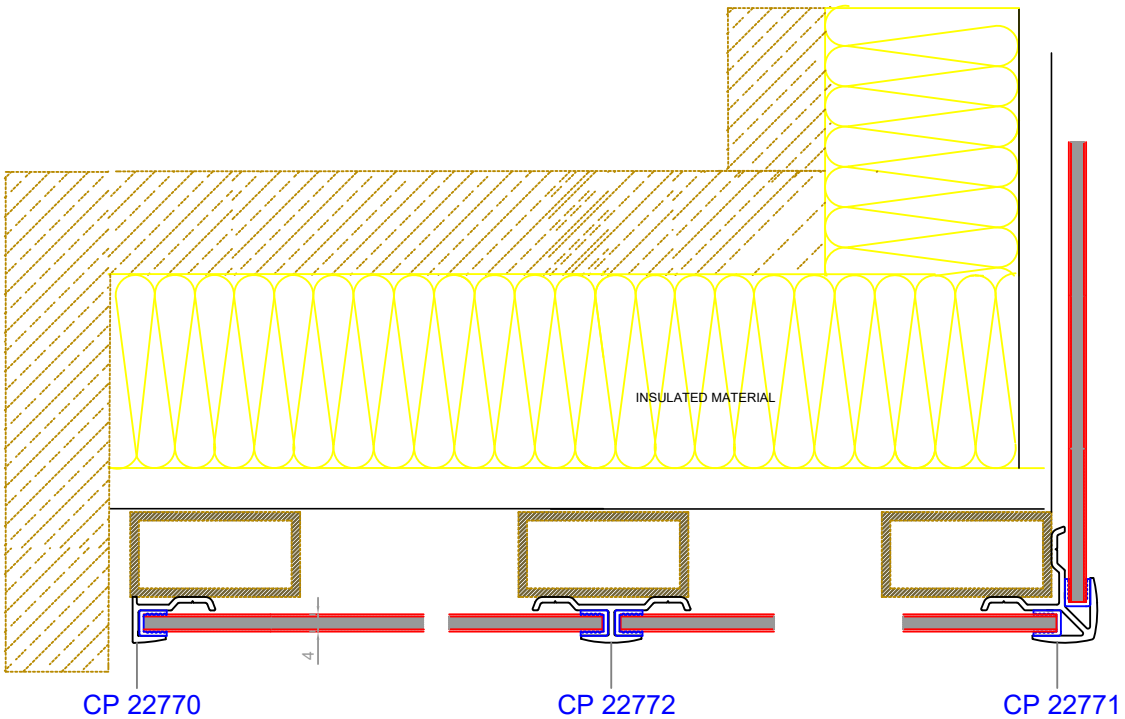




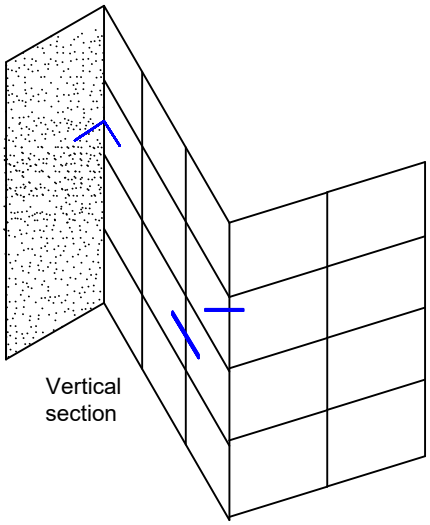
106

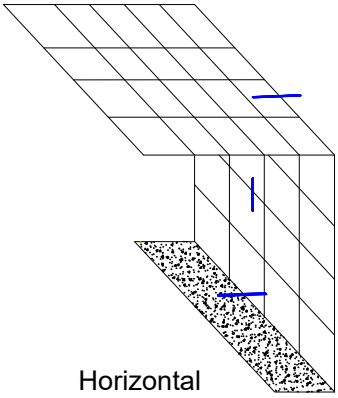
لاســـــتیک زیـر سـازی H-L

Composite gasket



دیتیـــل زیـر سـازی H-L



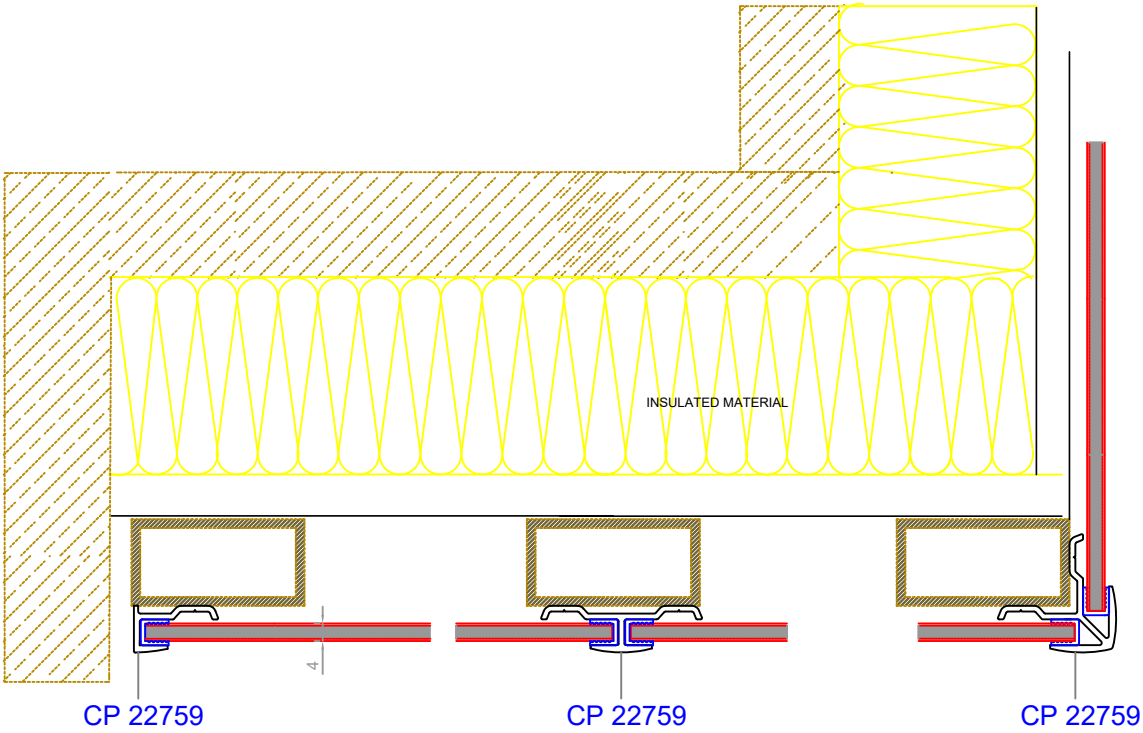




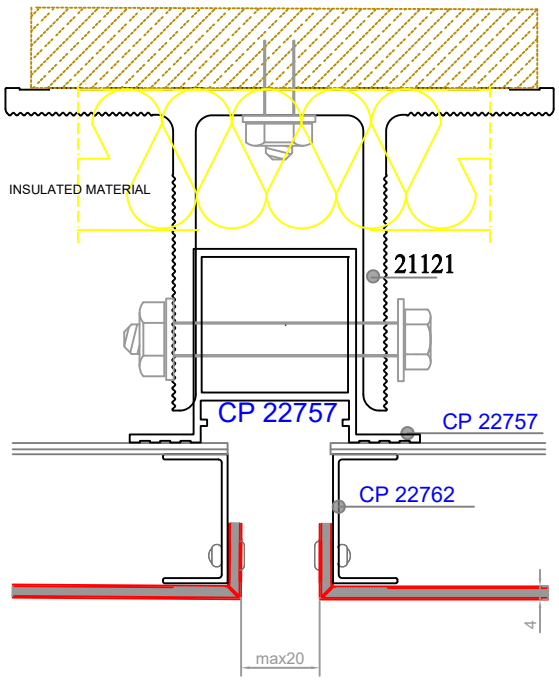
106

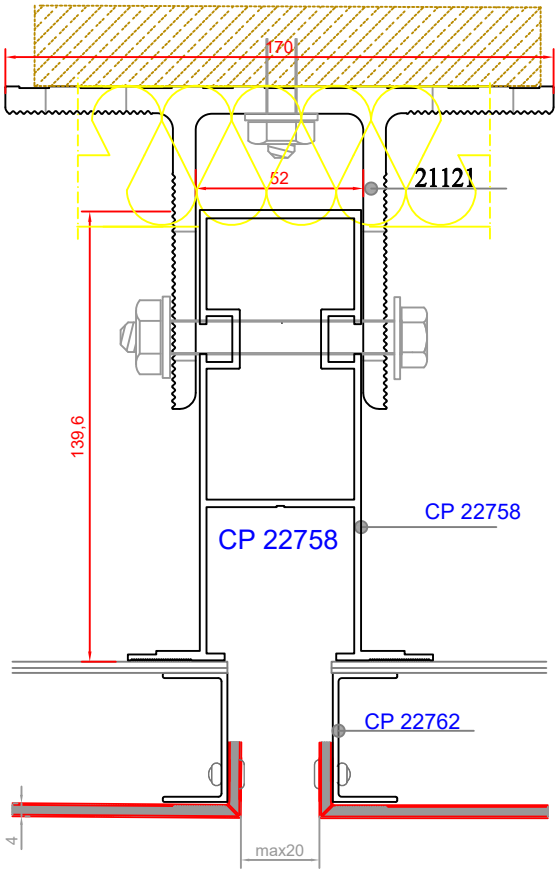
H-L لاســـتیک زیـر سـازی

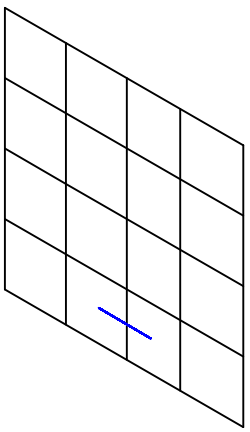
Composite gasket



دیتیـــل زیـر سـازی S-Z







Vertical section

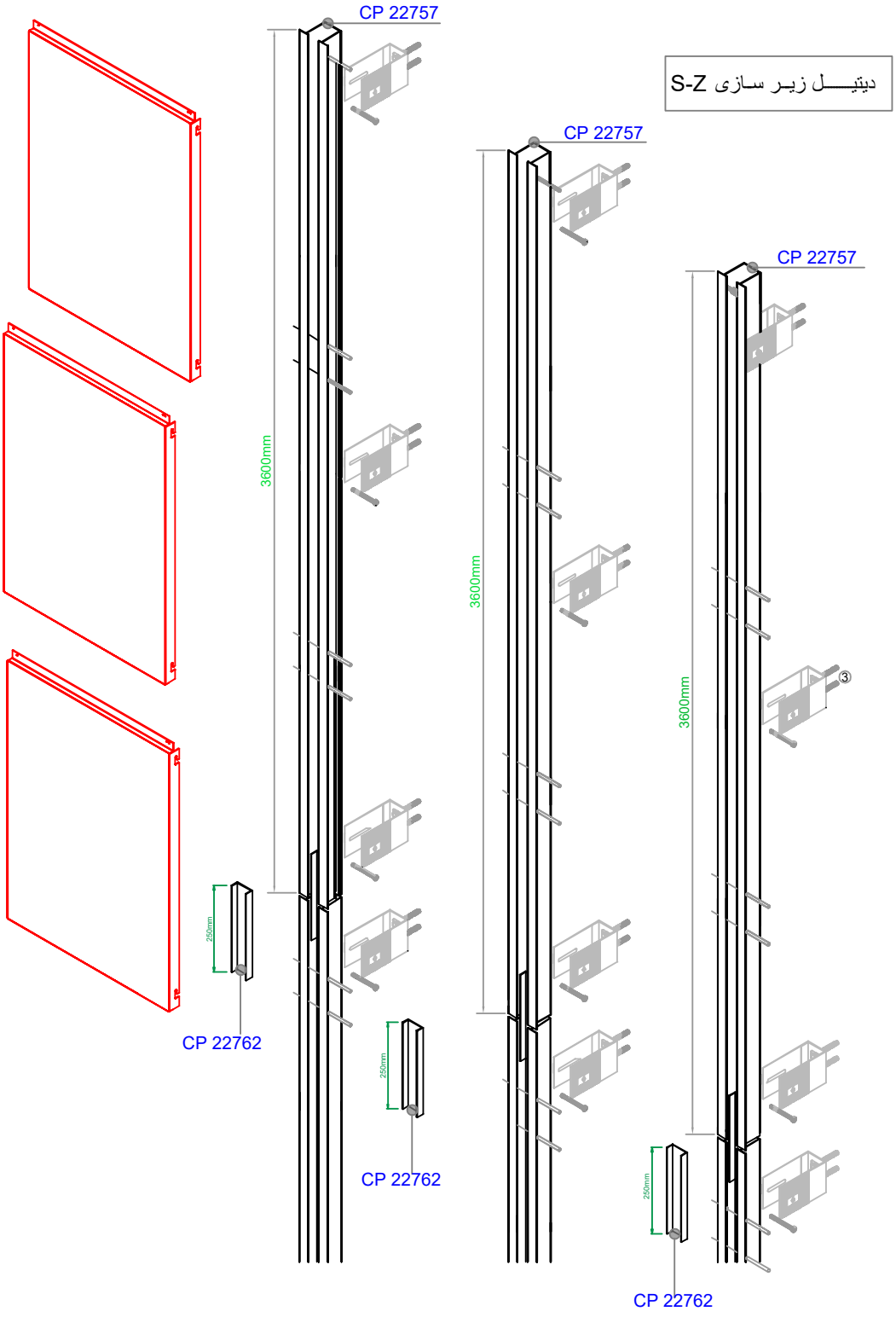


107

لاســـتیک زیـر سـازی S-Z

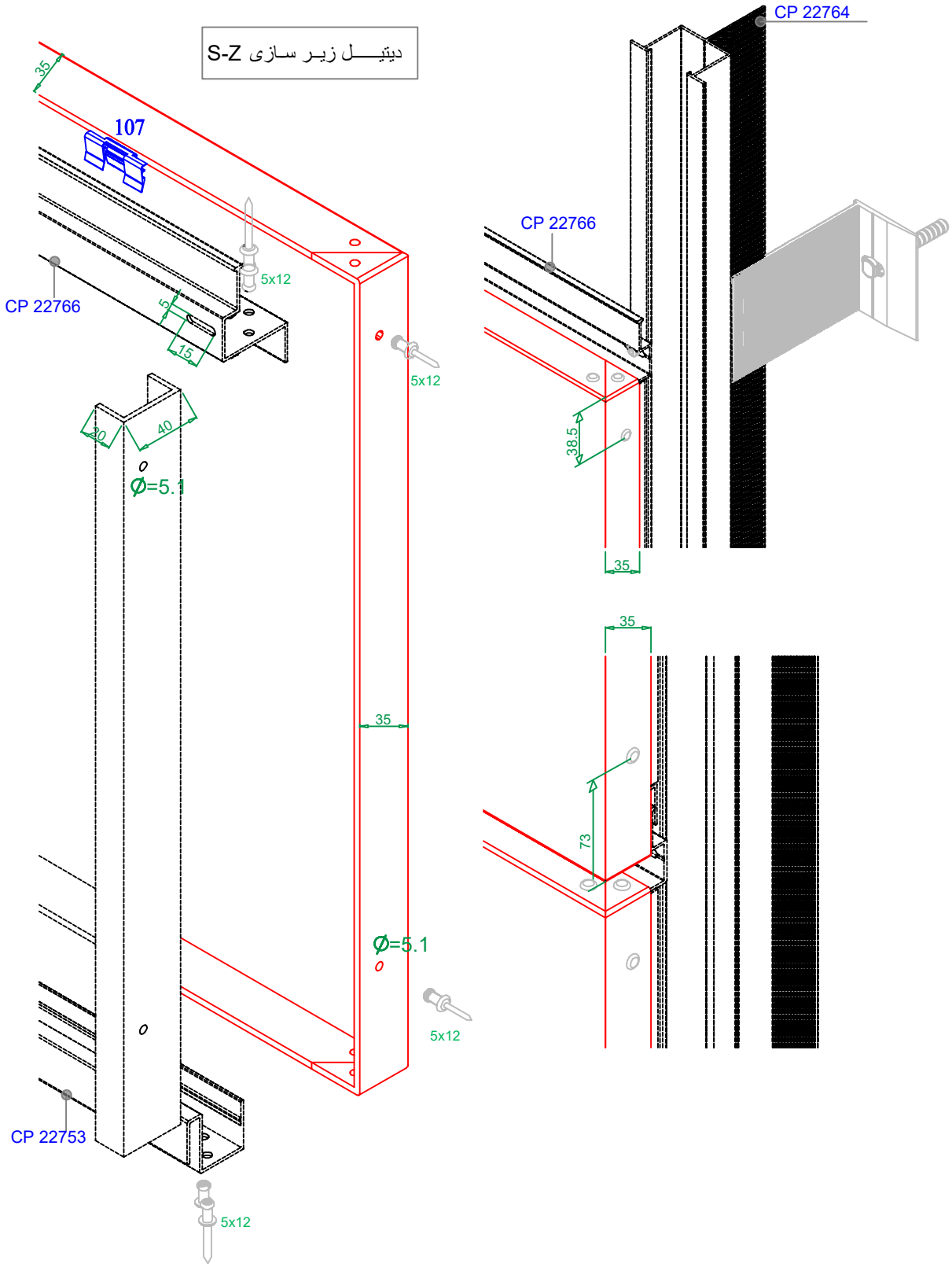
S-Z composite gasket

COMPOSITE PANELS system

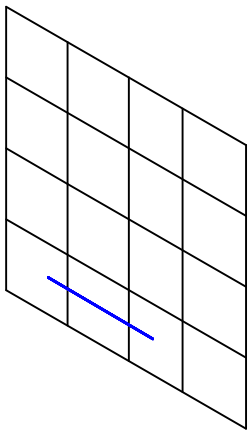


دیتیـــل زیـر سـازی S-Z

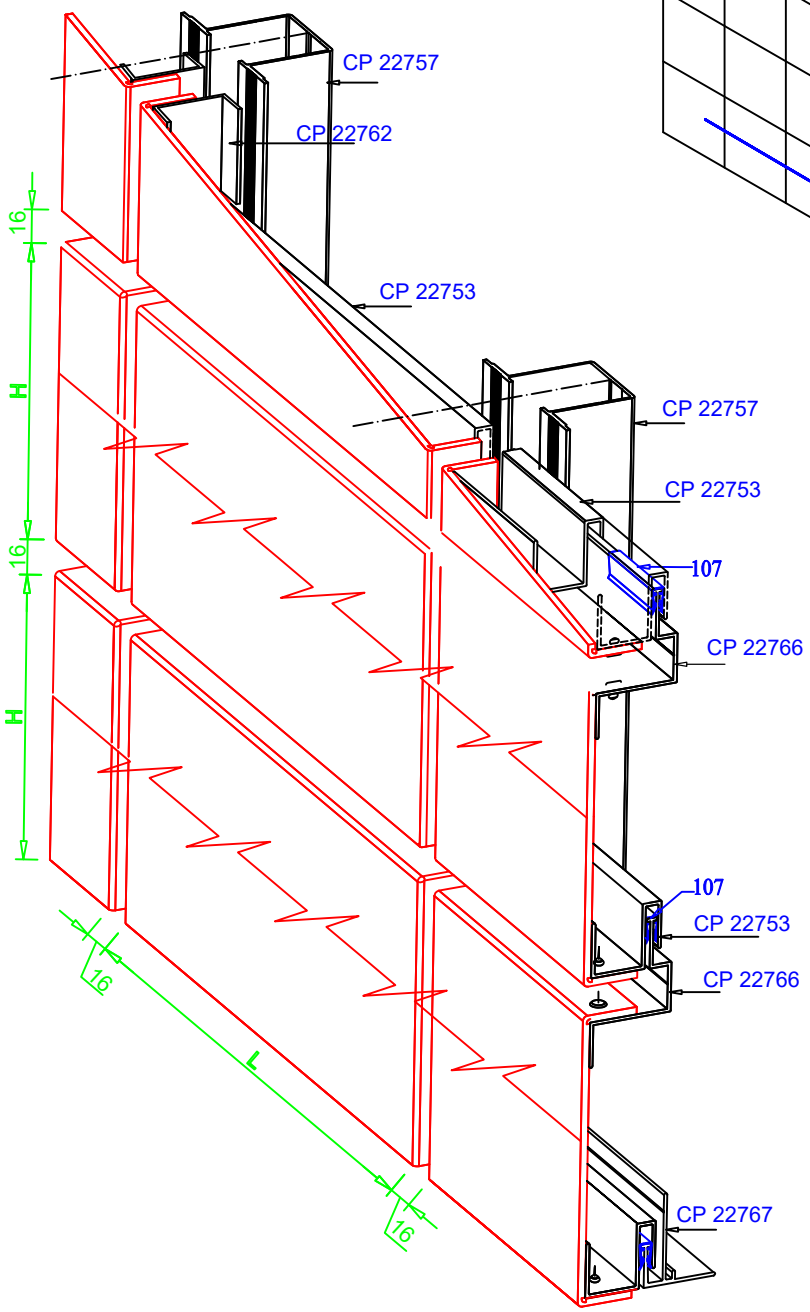
COMPOSITE PANELS system



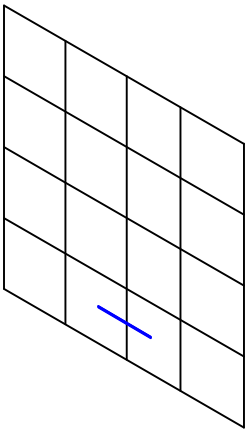
دیتیـــل زیـر سـازی S-Z

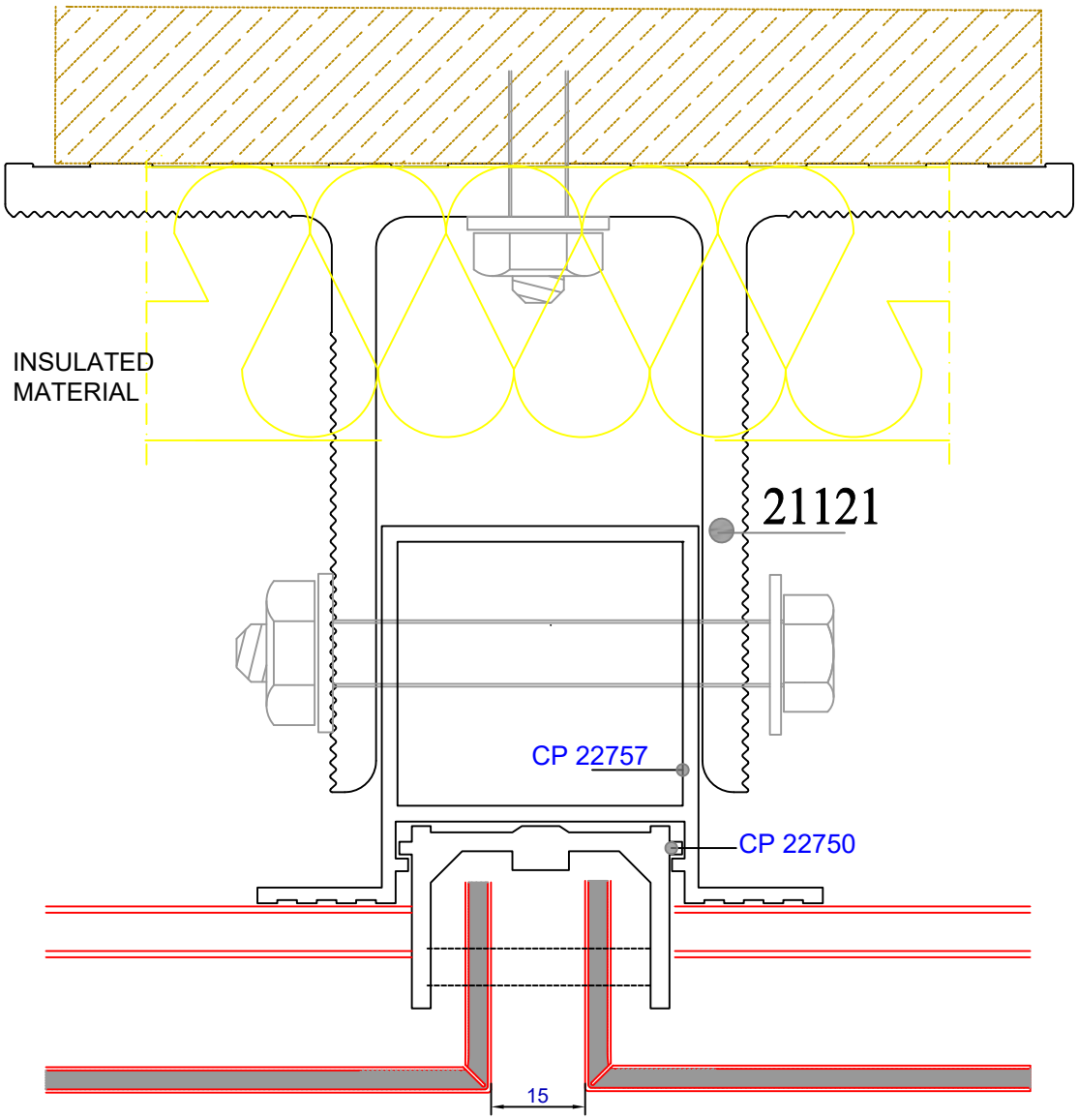


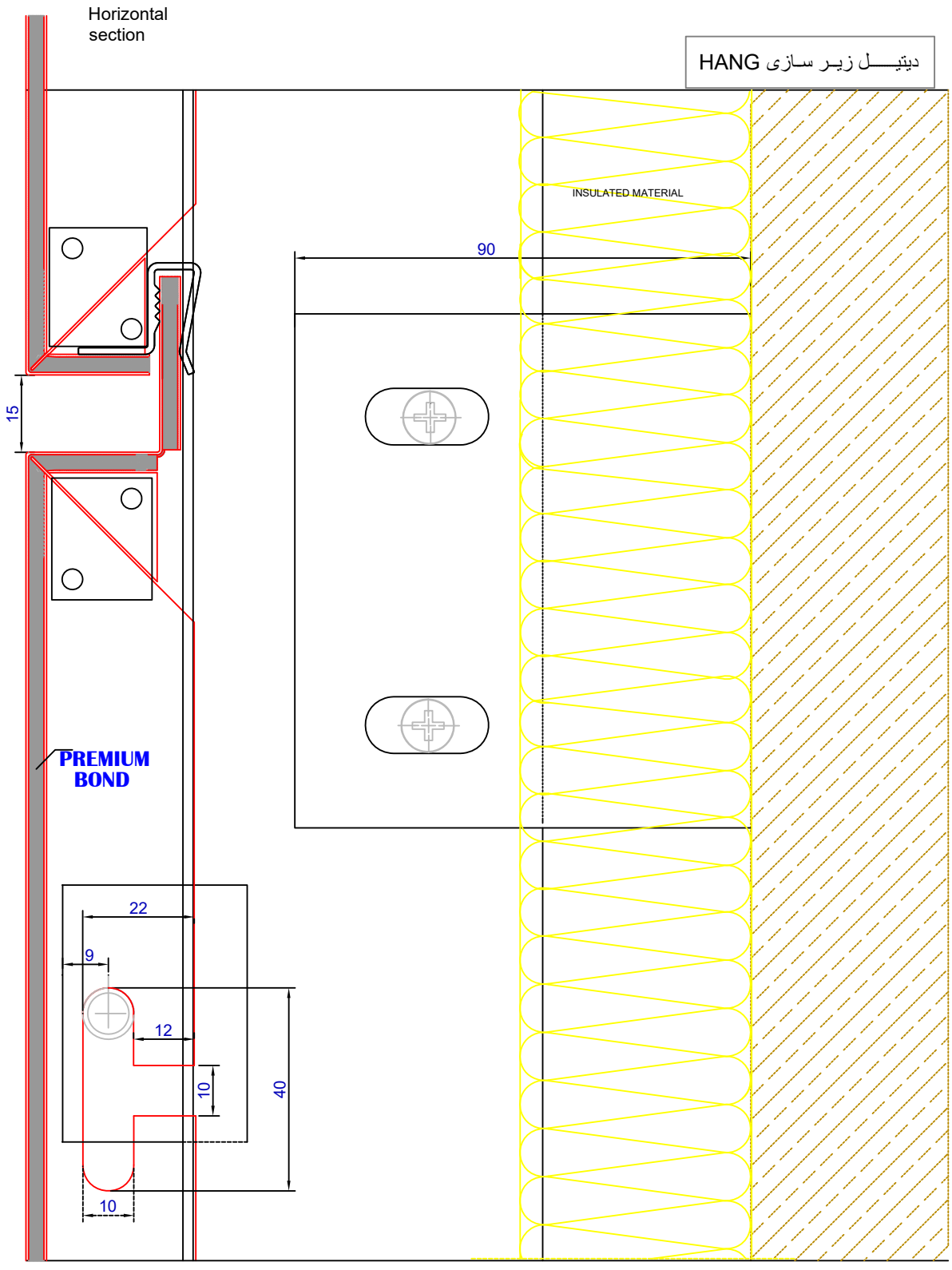
Vertical section



دیتیـــل زیـر سـازی HANG

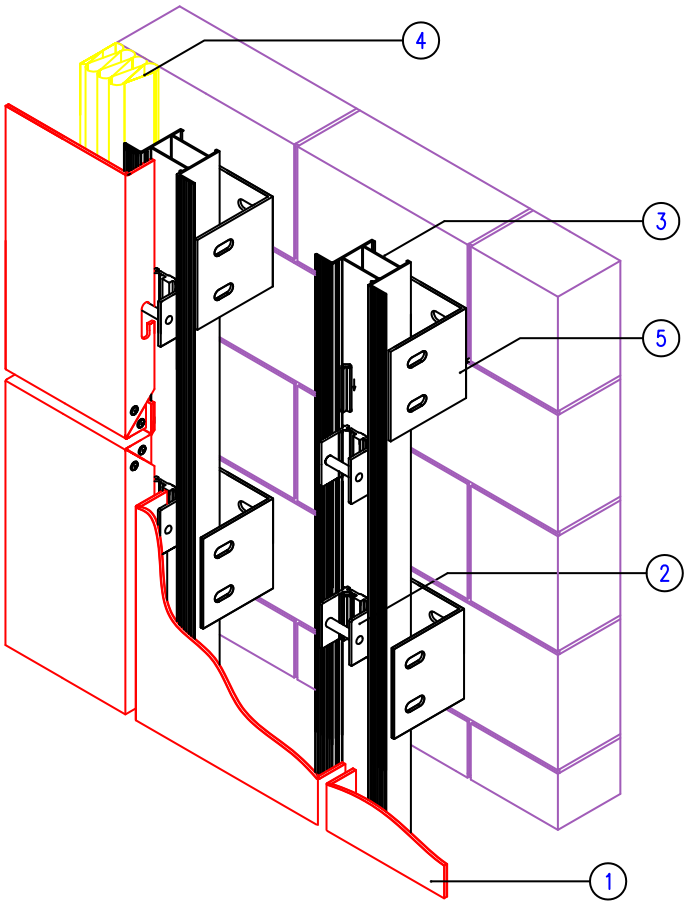





Horizontal
section
HANG دیتیـــل زیـر سـازی
INSULATED MATERIAL
90
15
PREMIUM
BOND
22
9
12
10
40
10

sc:1-1

دیتیـــل زیـر سـازی HANG



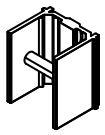
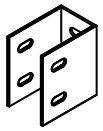
1 COMPOSITE PANEL

2 لقمـه ی اتصـــال
CONECTION PICE
CP 22750

3 پروفیـــل مولیـون
MULLION PROFILE
GP 22757

4 INSULATED MATERIAL

5 ANCHORAGHE PROFIL
براکـــت اتصـــال

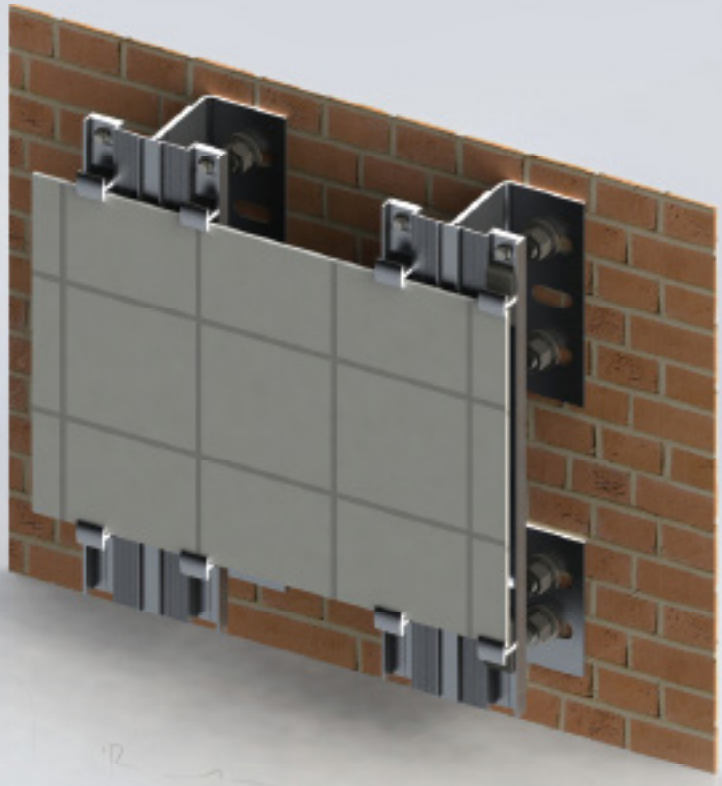
	CONECTION PICE
	ANCHORAGHE ALUMINIUM

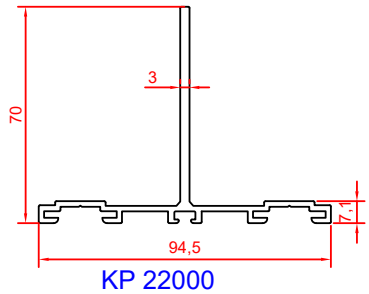
سیستم سرامیک نمای خشک

مشخصـــات سیســـــتم

04

Dry Ceramic Facad Profile



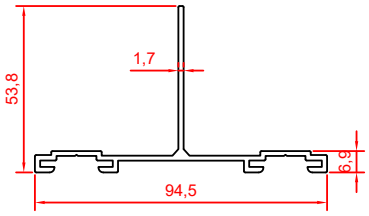


KP 22000

پروفیـــل مولیـــون
T profile

1.250 kg/m

Jx=19.26 cm^4
Jy=21.21 cm^4

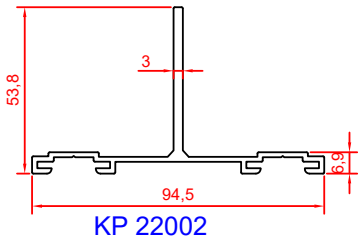


KP 22001

پروفیـــل مولیـــون
T profile

0.845 kg/m

Jx=5.55 cm^4
Jy=19.76 cm^4

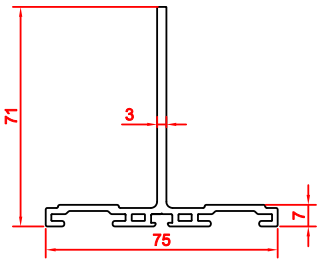


KP 22002

پروفیـــل مولیـــون
T profile

1.020 kg/m

Jx=8.57 cm^4
Jy=19.77 cm^4

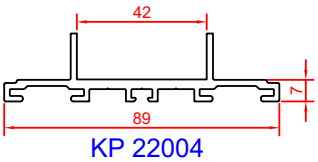


KP 22003

پروفیـــل مولیـــون
T profile

1.112 kg/m

Jx=20.20 cm^4
Jy=11.95 cm^4

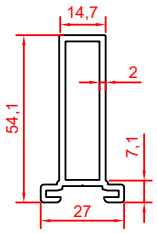


KP 22004

پروفیـــل مولیـــون
T profile

1.030 kg/m

Jx=7.25 cm^4
Jy=22.77 cm^4

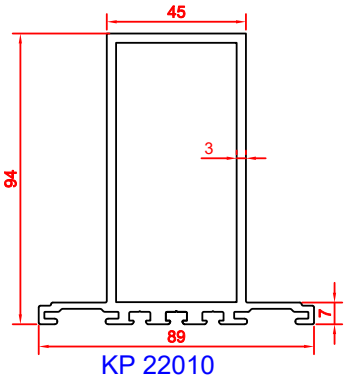


KP 22015

پروفیـــل مولیـــون
T profile

0.829 kg/m

Jx=9.49 cm^4
Jy=15.07cm^4

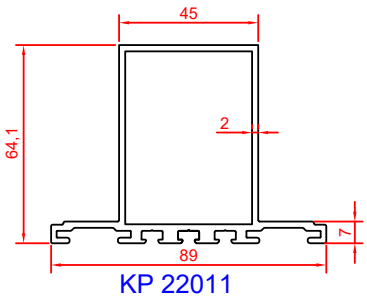


KP 22010

پروفیـــل مولیـــون
T profile

2.770 kg/m

Jx=116.56 cm^4
Jy=44.97 cm^4

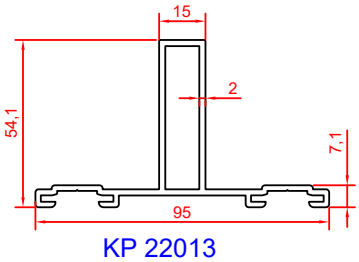


KP 22011

پروفیـــل مولیـــون
T profile

1.790 kg/m

Jx=34.54 cm^4
Jy=31.57 cm^4

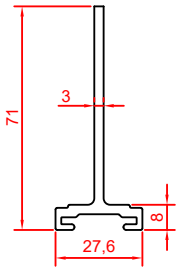


KP 22013

پروفیـــل مولیـــون
T profile

1.745 kg/m

Jx=13.95 cm^4
Jy=22.42 cm^4



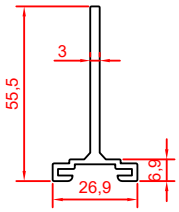
KP 22005

پروفیـــــل مولیـــون
T profile

0.855 kg/m

Jx=15.01cm^4

Jy=9.68 cm^4



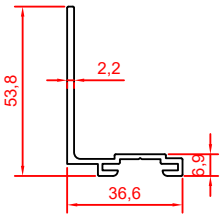
KP 22006

پروفیـــــل مولیـــون
T profile

0.635 kg/m

Jx=6.73 cm^4

Jy=6.65 cm^4



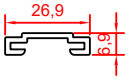
KP 22007

پروفیـــــل مولیـــون یـک طرفـه
L profile

0.550 kg/m

Jx=5.31 cm^4

Jy=2.87 cm^4



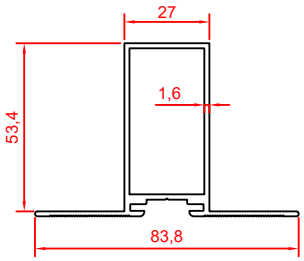
KP 22009

پروفیـــــل مولیـــون
T profile

0.221 kg/m

Jx=19.26 cm^4

Jy=21.21 cm^4



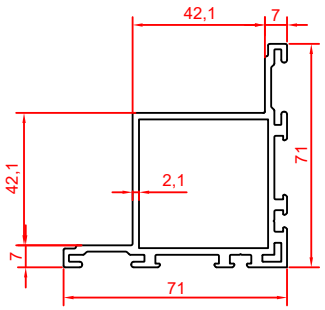
KP 22014

پروفیـــــل مولیـــون
T profile

1.020 kg/m

Jx=14.60 cm^4

Jy=10.41 cm^4



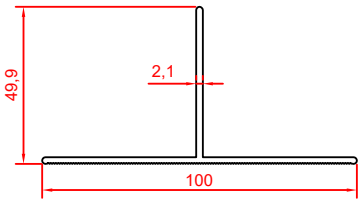
KP 22016

پروفیـــــل مولیـــون کنـــج
Corner mullion profile

1.771 kg/m

Jx=28.11 cm^4

Jy=28.00 cm^4



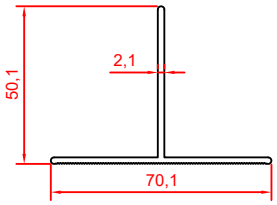
KP 22019

پروفیـــــل مولیـــون
T profile

0.813 kg/m

Jx=5.91 cm^4

Jy=15.93cm^4



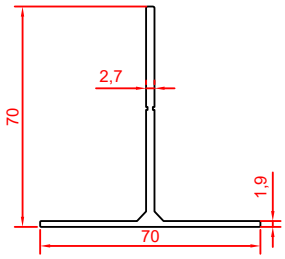
KP 22020

پروفیـــــل مولیـــون
T profile

0.655 kg/m

Jx=5.46 cm^4

Jy=5.48 cm^4



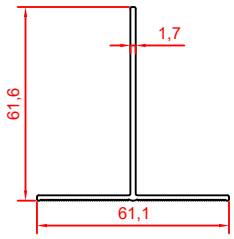
KP 22022

پروفیـــــل مولیـــون
T profile

0.890 kg/m

Jx=16.67 cm^4

Jy=5.29 cm^4



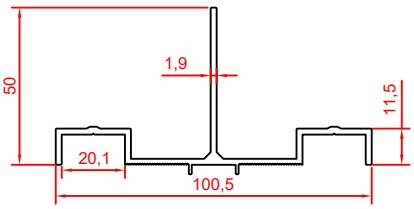
CP 22765

پروفیـــــل T
T profile

0.550 kg/m

Jx=7.62 cm^4

Jy=2.91 cm^4



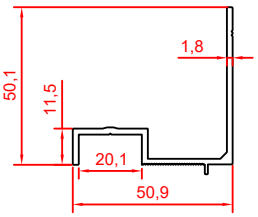
CP 22073

پروفیـــــل دو طرفـه T
T profile

1.000 kg/m

Jx=5.42 cm^4

Jy=28.87 cm^4



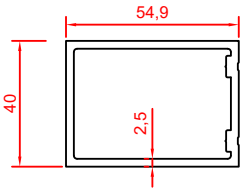
CP 22072

پروفیـــــل یـک طرفـه
L profile

0.620 kg/m

Jx=4.56 cm^4

Jy=7.86 cm^4



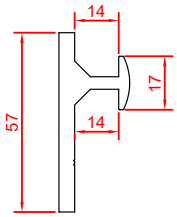
KP 22017

پروفیـــــل آداپتـــور
Adapter profile

1.253 kg/m

Jx=11.76 cm^4

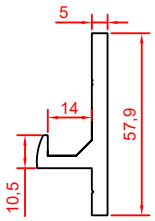
Jy=20.06 cm^4



KP 22074

کلیپـــــس دو طرفـه سـرامیک
Duble side tape

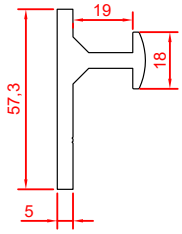
1.185 kg/m



KP 22075

کلیپـــــس یـک طرفـه سـرامیک
Single side tape

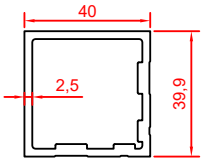
1.508 kg/m



KP 22076

کلیپـــــس دو طرفـه سـرامیک
Duble side tape

1.344 kg/m



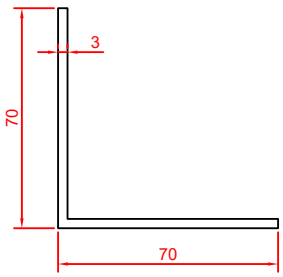
KP 22018

پروفیـــــل آداپتـــور
Adapter profile

1.163 kg/m

Jx=9.49 cm^4

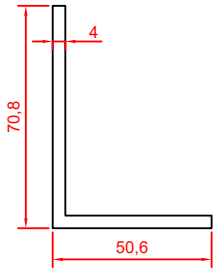
Jy=9.54 cm^4



KP 22047

پروفیـــــل 70X70 L
L profile

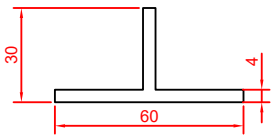
1.145 kg/m



KP 22048

پروفیـــــل 50.6X70.8 L
L profile

1.315 kg/m



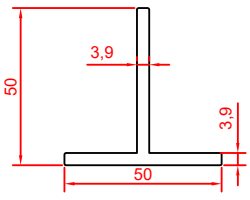
KP 22021

پروفیـــــل مولیـــون
T profile

0.957 kg/m

Jx=2.25 cm^4

Jy=7.21 cm^4



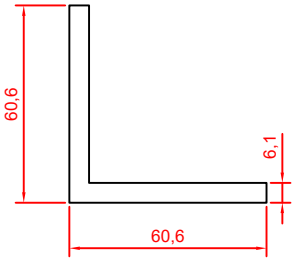
KP 22023

پروفیـــــل مولیـــون
T profile

1.040 kg/m

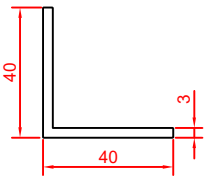
Jx=9.04 cm^4

Jy=4.07 cm^4



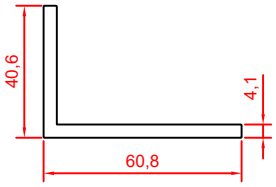
KP 22050

60.6X60.6 L پروفیـــــل
L profile
1.940 kg/m



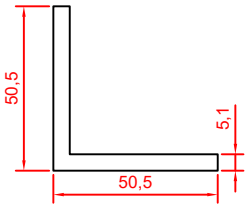
KP 22041

40X40 L پروفیـــــل
L profile
0.630 kg/m



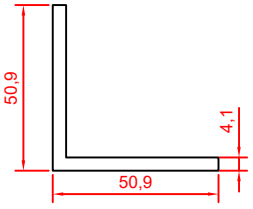
KP 22042

40.6X60.8 L پروفیـــــل
L profile
1.095 kg/m



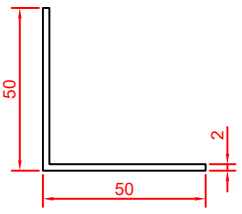
KP 22043

50.5X50.5 L پروفیـــــل
L profile
1.350 kg/m



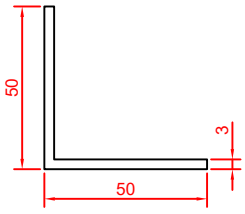
KP 22044

50.9X50.9 L پروفیـــــل
L profile
1.112 kg/m



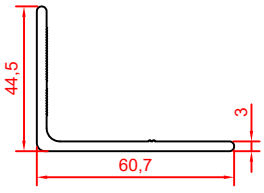
KP 22045

50X50 L پروفیـــــل
L profile
0.545 kg/m



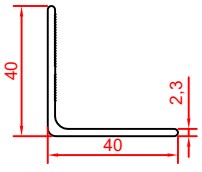
KP 22046

50.5X50.5 L پروفیـــــل
L profile
0.808 kg/m



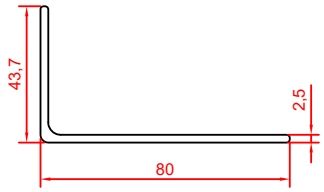
KP 22059

44.5X60.7 L پروفیـــــل
L profile
0.865 kg/m



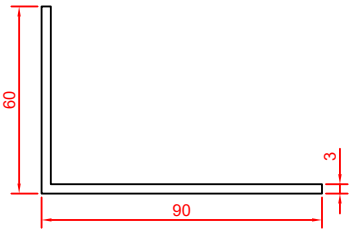
KP 22061

40X40 L پروفیـــــل
L profile
0.495 kg/m



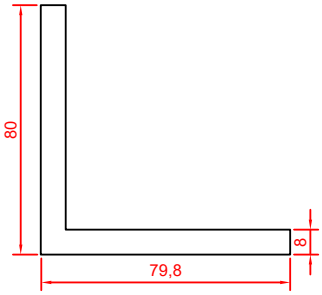
KP 22051

43.7X80 L پروفیـــل
L profile
0.844 kg/m



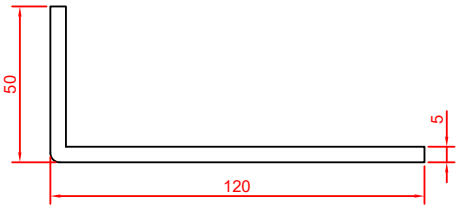
KP 22052

60X90 L پروفیـــل
L profile
1.225 kg/m



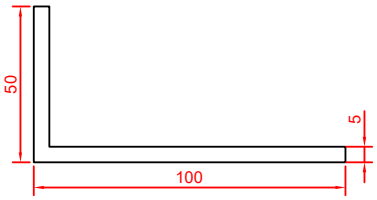
KP 22053

79.8X80 L پروفیـــل
L profile
3.383 kg/m



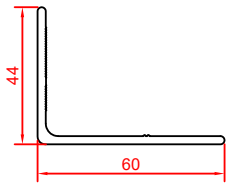
KP 22056

50X120 L پروفیـــل
L profile
2.285 kg/m



KP 22057

50X100 L پروفیـــل
L profile
2.018 kg/m



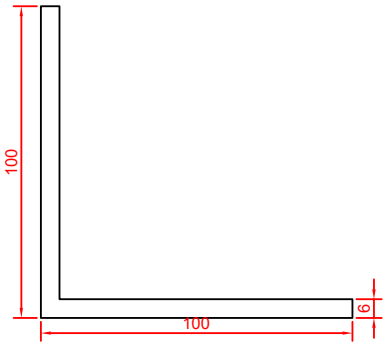
KP 22060

44X60 L پروفیـــل
L profile
0.730 kg/m



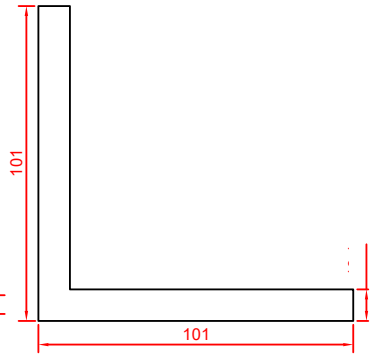
KP 22058

50X150 L پروفیـــل
L profile
1.910 kg/m



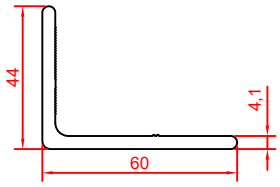
KP 22054

50X150 L پروفیـــل
L profile
3.240 kg/m



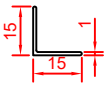
KP 22055

101X101 L پروفیـــل
L profile
5.390 kg/m



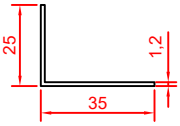
KP 22062

44X60 L پروفیـــل
L profile
1.122 kg/m



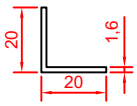
KP 22063

15X15 L پروفیـــل
L profile
0.078 kg/m



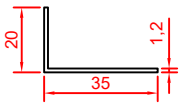
KP 22036

25X35 L پروفیـــل
L profile
0.195 kg/m



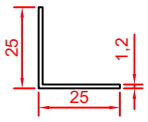
KP 22035

20X20 L پروفیـــل
L profile
0.169 kg/m



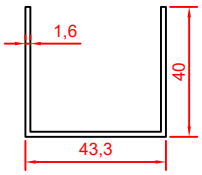
KP 22038

20X35 L پروفیـــل
L profile
0.180 kg/m



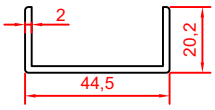
KP 22037

25X25 L پروفیـــل
L profile
0.165 kg/m



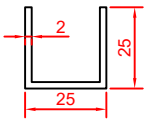
KP 22064

43.3X40 U پروفیـــل
U profile
0.520 kg/m



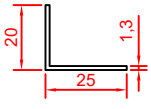
KP 22066

44.5X20.2 U پروفیـــل
U profile
0.455 kg/m



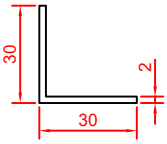
KP 22065

25X25 U پروفیـــل
U profile
0.400 kg/m



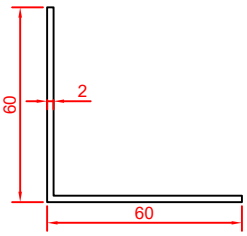
KP 22039

20X25 L پروفیـــل
L profile
0.155 kg/m



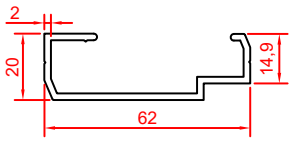
KP 22040

30X30 L پروفیـــل
L profile
0.324 kg/m



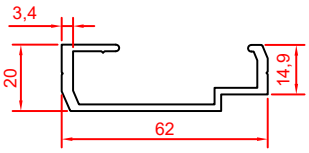
KP 22049

60X60 L پروفیـــل
L profile
0.660 kg/m



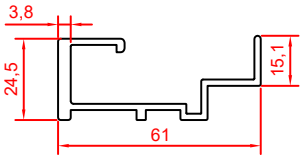
KP 22024

پروفیـــل کیـــل ســرامیک
Keil profile
0.625 kg/m



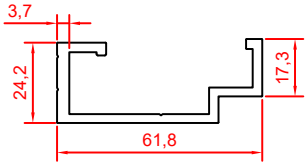
KP 22025

پروفیـــل کیـــل ســرامیک
Keil profile
0.730 kg/m



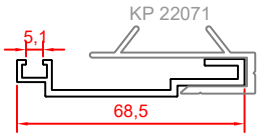
KP 22026

پروفیـــل کیـــل ســرامیک
Keil profile
0.730 kg/m



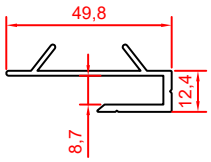
KP 22028

پروفیـــل کیـــل ســرامیک
Keil profile
0.980 kg/m



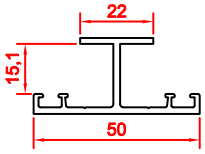
KP 22027

پروفیـــل کیـــل ســرامیک
Keil profile
0.545 kg/m



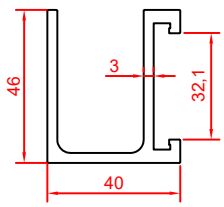
KP 22071

پروفیـــل ســرامیک
Ceramic profile
0.475 kg/m



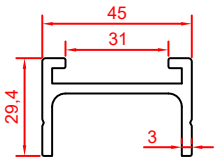
KP 22030

پروفیـــل ســرامیک
Ceramic profile
0.565 kg/m



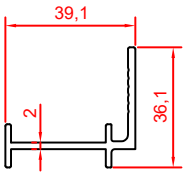
KP 22031

پروفیـــل ســرامیک
Ceramic profile
1.235 kg/m



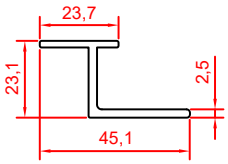
KP 22032

پروفیـــل ســرامیک
Ceramic profile
0.900 kg/m



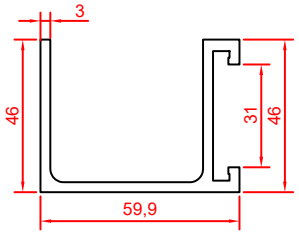
KP 22033

پروفیـــل ســرامیک
Ceramic profile
0.500 kg/m



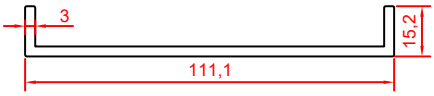
KP 22034

پروفیـــل ســرامیک
Ceramic profile
0.475 kg/m



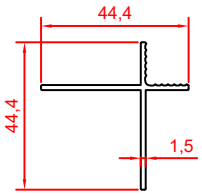
KP 22029

پروفیـــل ســرامیک
Ceramic profile
1.400 kg/m



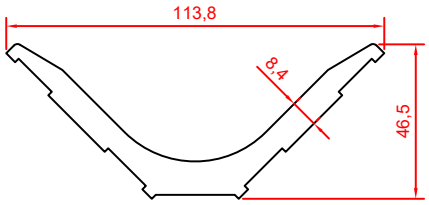
KP 22067

15.2X111.1 U پروفیـــل
U profile
1.140 kg/m



KP 22069

پزوفیـــل کنـج
Corner profile
0.360 kg/m



KP 22068

U پروفیـــل
U profile
3.120 kg/m

سیستـــــم پارتیشـــــن

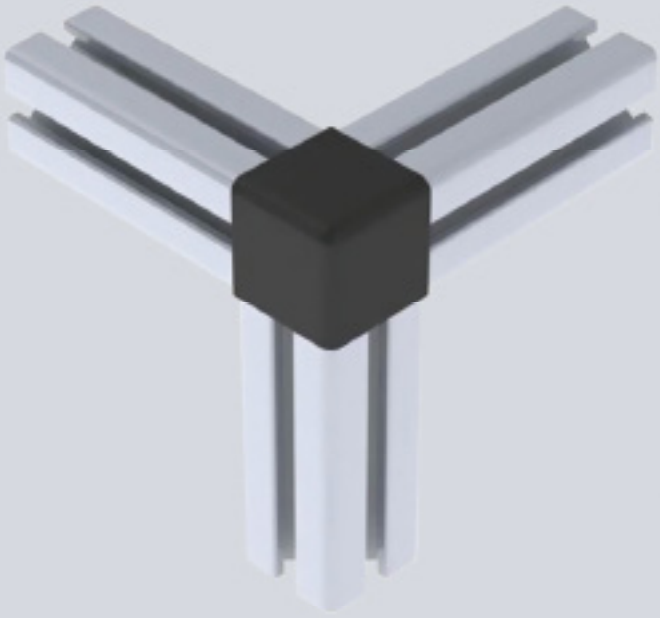
مشخصـــات سیســـــتم

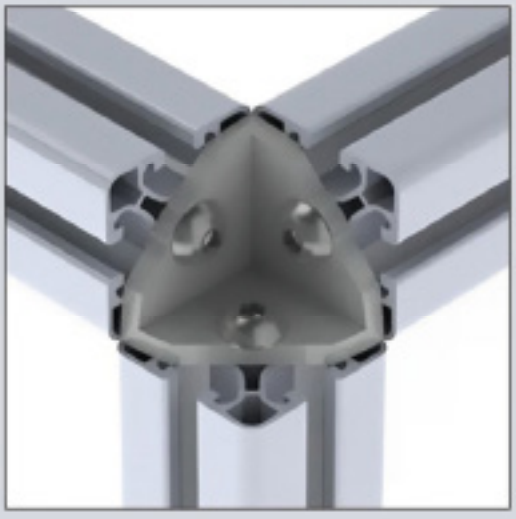
- عرض پارتیشن: ۷۰ میلیمتر
- عایق مناسب برای صدا
- قابلیت نصب درب و پنجره در سیستم
- قابلیت نصب شیشه ٤ تا ۱۰ میلیمتر
- قبالیت نصب شیشه یک طرفه و دوطرفه
- قابلیت نصب پرده کرکره در بین شیشه ها
- قابلیت نصب ورق آلومینیومی وMDF ۱۰ - ٤ میلیمتر
- قابلیت نصب کنج زوایای ۹۰ درجه دوطرفه،سه طرفه و چهارطرفه
- قابلیت نصب دیواره های قوس دار
- قابلیت نصب داکت و آبرو از پایین دیواره پارتیشن
- قابلیت انتقال کابل الکتریکی و نصب پریز و کلید
- عایق صوتی: Rw= ٤٥ DB

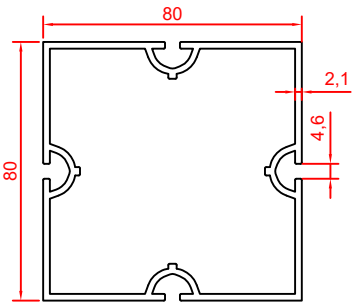
05

Partition System

- Partition width: 70mm
- Sound insulation
- Install doors and windows in the system
- Install 4mm to 10mm glass
- Install one-way and two-way glass
- Install shutters between the windows
- Ability to install aluminum sheet and MDF 10mm - 4mm
- Install two-way, three-way and four-way 90-degree corners
- Install arched walls
- Install ducts from the bottom of the partition wall
- Transfer electric cables and install sockets and switches
- Sound insulation: Rw= 45 DB







PA 23500

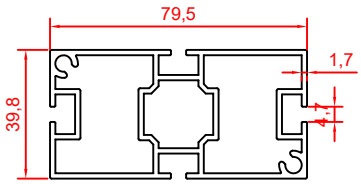
پروفیـــــل پارتیشـــــن

Partition profile

2.270 kg/m

Jx=73.93 cm^4

Jy=73.93 cm^4



PA 23502

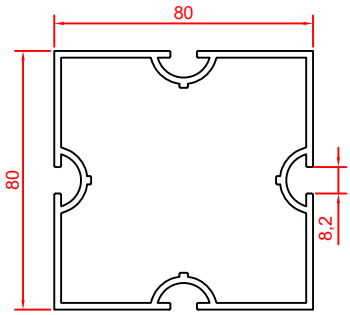
پروفیـــــل پارتیشـــــن

Partition profile

1.835 kg/m

Jx=44.71 cm^4

Jy=13.31 cm^4



PA 23501

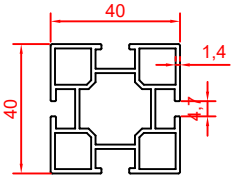
پروفیـــــل پارتیشـــــن

Partition profile

2.250 kg/m

Jx=72.50 cm^4

Jy=72.50 cm^4



PA 23504

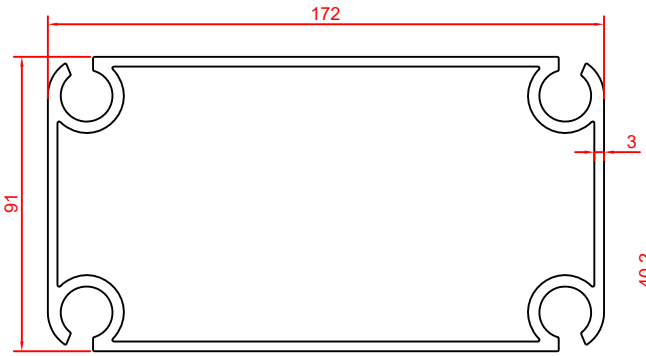
پروفیـــــل پارتیشـــــن

Partition profile

1.020 kg/m

Jx=6.74 cm^4

Jy=6.28 cm^4



PA 23506

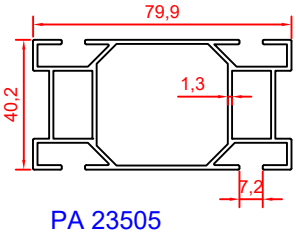
پروفیـــــل پارتیشـــــن

Partition profile

3.830 kg/m

Jx=81.57 cm^4

Jy=25.62 cm^4



PA 23505

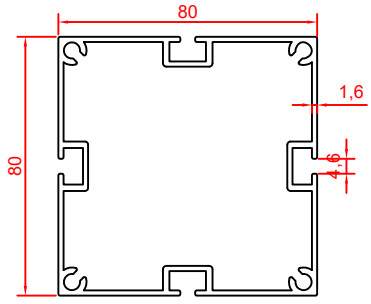
پروفیـــــل پارتیشـــــن

Partition profile

1.330 kg/m

Jx=34.89 cm^4

Jy=10.47 cm^4



PA 23507

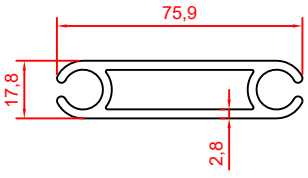
پروفیـــــل پارتیشـــــن

Partition profile

2.050 kg/m

Jx=69.30 cm^4

Jy=69.30 cm^4



PA 23509

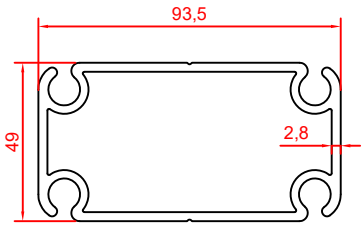
پروفیـــــل پارتیشـــــن

Partition profile

1.445 kg/m

Jx=24.02 cm^4

Jy=2.63 cm^4



PA 23510

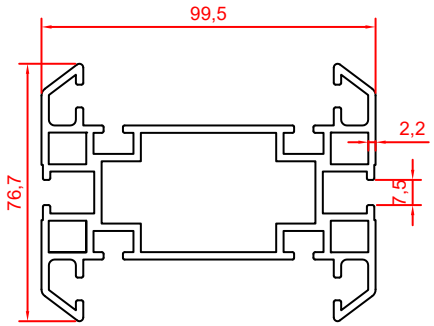
پروفیـــــل پارتیشـــــن

Partition profile

2.535 kg/m

Jx=31.46 cm^4

Jy=10.40 cm^4



PA 23511

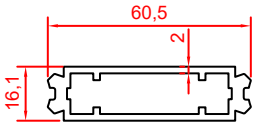
پروفیـــل پارتیشـــن

Partition profile

3.470 kg/m

Jx=45.42 cm^4

Jy=16.47 cm^4



PA 23512

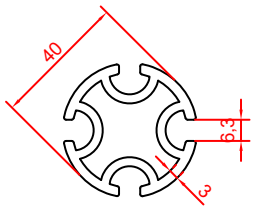
پروفیـــل پارتیشـــن

Partition profile

0.960 kg/m

Jx=13.53 cm^4

Jy=1.21 cm^4



PA 23513

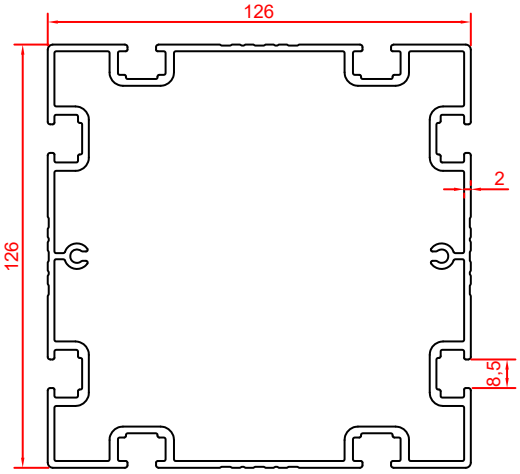
پروفیـــل پارتیشـــن

Partition profile

1.360 kg/m

Jx=1.39 cm^4

Jy=1.39 cm^4



PA 23515

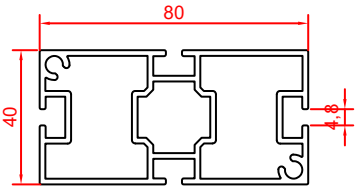
پروفیـــل پارتیشـــن

Partition profile

4.265 kg/m

Jx=37.07 cm^4

Jy=35.05 cm^4



PA 23517

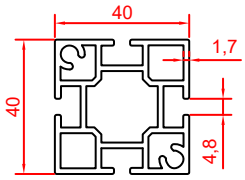
پروفیـــل پارتیشـــن

Partition profile

1.900 kg/m

Jx=46.95 cm^4

Jy=13.94 cm^4



PA 23516

پروفیـــل پارتیشـــن

Partition profile

1.375 kg/m

Jx=8.85 cm^4

Jy=8.85 cm^4



PA 23514

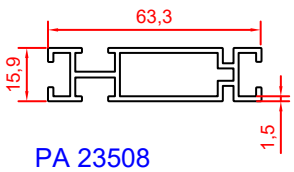
پروفیـــل پارتیشـــن

Partition profile

0.515 kg/m

Jx=5.66 cm^4

Jy=1.03 cm^4



PA 23508

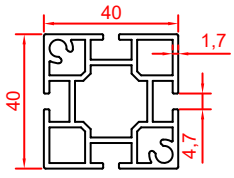
پروفیـــل پارتیشـــن

Partition profile

0.770 kg/m

Jx=10.99 cm^4

Jy=9.80 cm^4



PA 23503

پروفیـــل پارتیشـــن

Partition profile

1.328 kg/m

Jx=8.56 cm^4

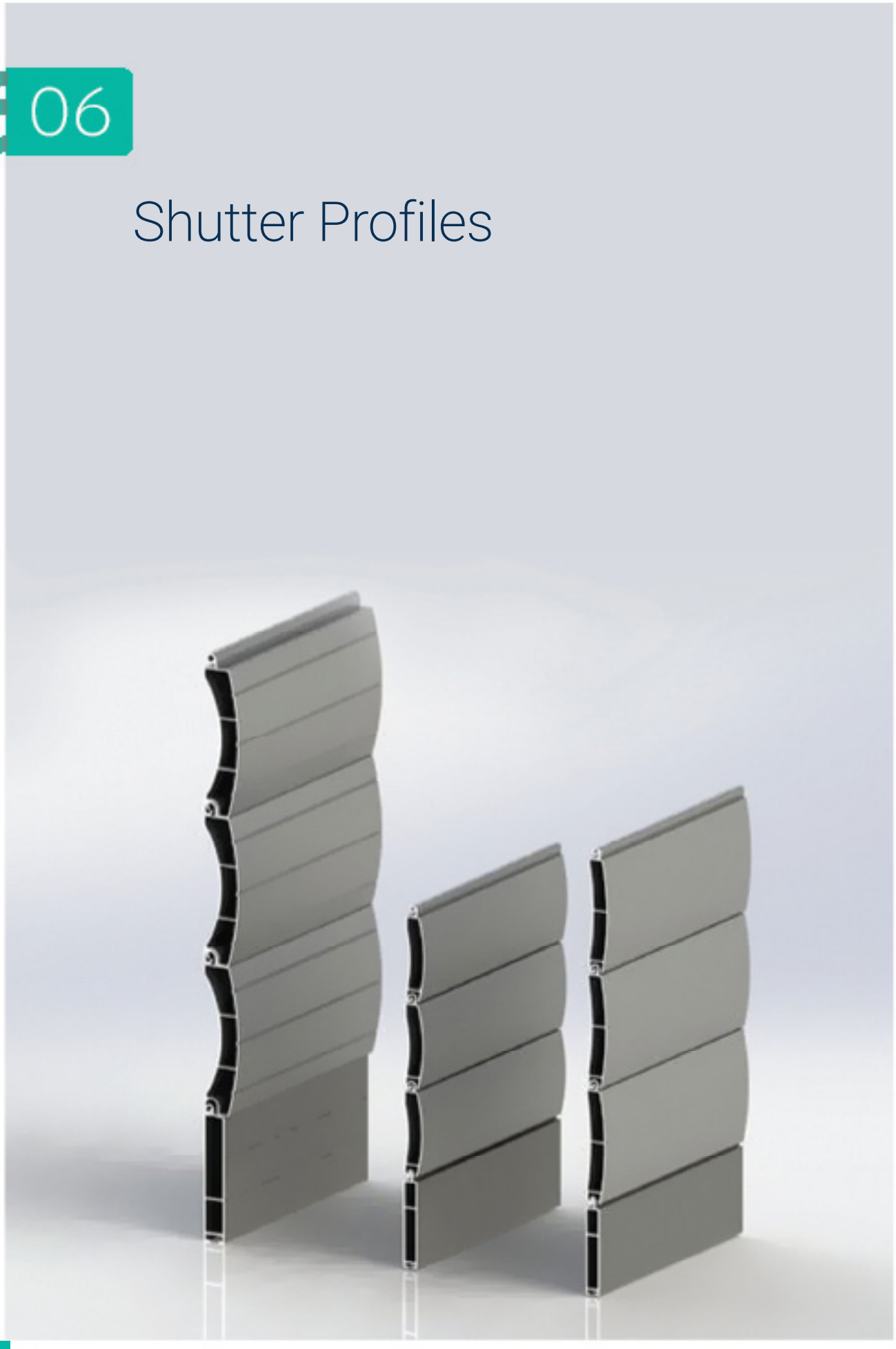
Jy=8.56 cm^4

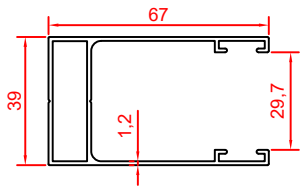
پروفیل‌های تیغه کرکره

مشخصات سیستم

06

Shutter Profiles



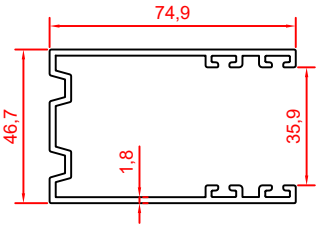


RS 25012

پروفیـــــل ریـل تیغـــه کـــرکره

Rail profile

0.790 kg/m

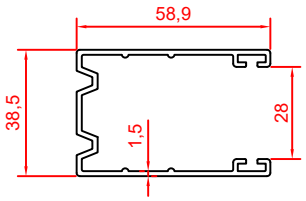


RS 25014

پروفیـــــل ریـل تیغـــه کـــرکره

Rail profile

1.275 kg/m



RS 25015

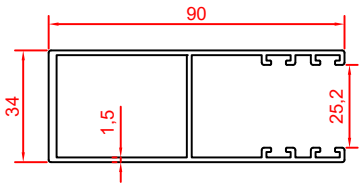
پروفیـــــل ریـل تیغـــه کـــرکره

Rail profile

0.830 kg/m

Jx=8.56 cm^4

Jy=8.56 cm^4

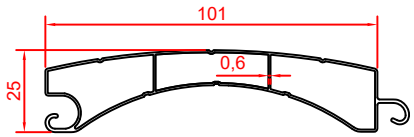


RS 25013

پروفیـــــل ریـل تیغـــه کـــرکره

Rail profile

1.190 kg/m

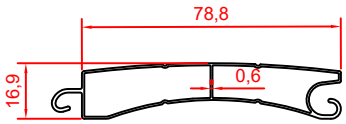


RS 25000

پروفیـــــل تیغـــه کـــرکره

Shutter profile

0.620 kg/m

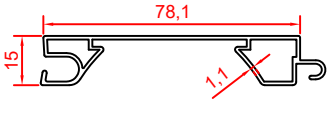


RS 25001

پروفیـــــل تیغـــه کـــرکره

Shutter profile

0.460 kg/m

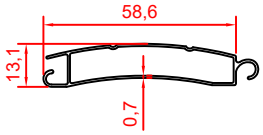


RS 25002

پروفیـــــل تیغـــه کـــرکره

Shutter profile

0.580 kg/m

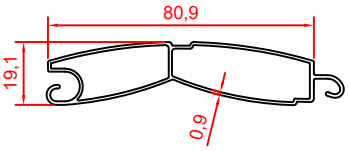


RS 25003

پروفیـــــل تیغـــه کـــرکره

Shutter profile

0.310 kg/m

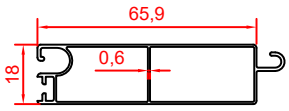


RS 25004

پروفیـــــل تیغـــه کـــرکره

Shutter profile

0.610 kg/m

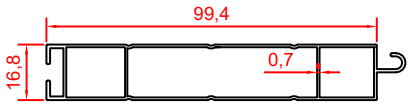


RS 25005

پروفیـــل تیغـــه کـــرکره

Shutter profile

0.450 kg/m

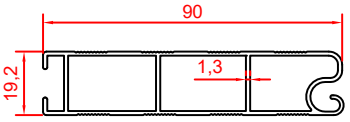


RS 25006

پروفیـــل تیغـــه کـــرکره

Shutter profile

0.670 kg/m

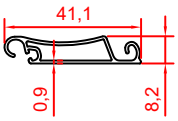


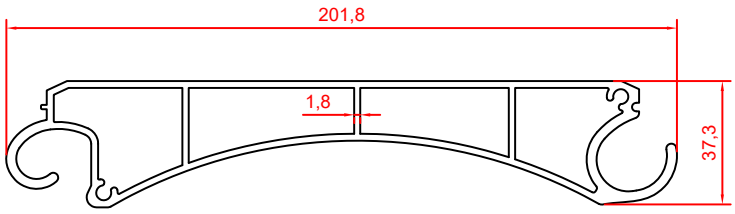
RS 25007

پروفیـــل تیغـــه کـــرکره

Shutter profile

0.880 kg/m





RS 25008

پروفیـــل تیغـــه کـــرکره

Shutter profile

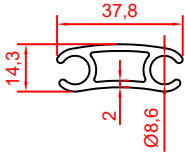
0.250 kg/m

RS 25011

پروفیـــل تیغـــه کـــرکره

Shutter profile

3.500 kg/m

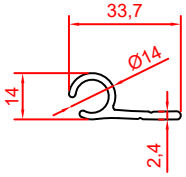


RS 25009

پروفیـــل تیغـــه کـــرکره

Shutter profile

0.570 kg/m



RS 25010

پروفیـــل تیغـــه کـــرکره

Shutter profile

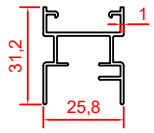
0.325 kg/m

پروفیل‌های تـــــوری

مشخصـــــات سیســـــتم

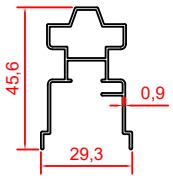
07

Roller Profiles



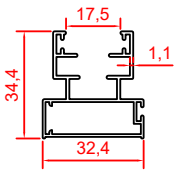
IC 26501

0.335 kg/m



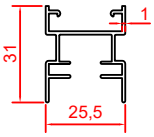
IC 26500

0.375 kg/m



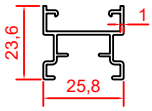
IC 26505

0.480 kg/m



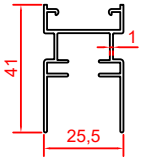
IC 26503

0.345 kg/m



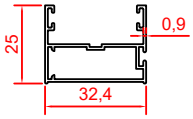
IC 26502

0.285 kg/m



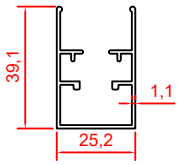
IC 26504

0.400 kg/m



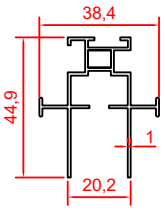
IC 26506

0. 340kg/m



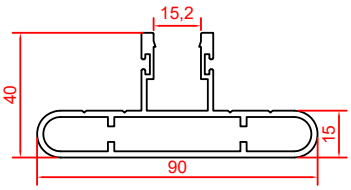
IC 26516

0.430 kg/m



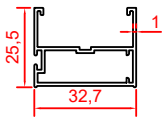
IC 26517

0.460 kg/m



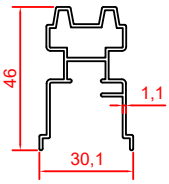
IC 26515

1.440 kg/m



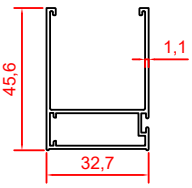
IC 26507

0.375 kg/m



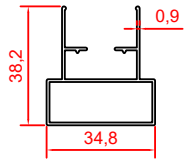
IC 26509

0. 500kg/m



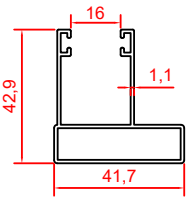
IC 26508

0.505 kg/m



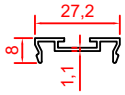
IC 26519

0.400 kg/m



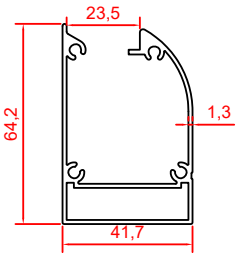
IC 26512

0.565 kg/m



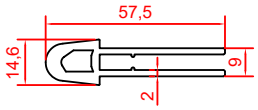
IC 26518

0.165 kg/m



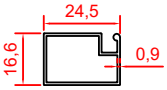
IC 26513

1.00kg/m



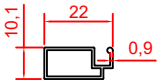
IC 26514

0.860 kg/m



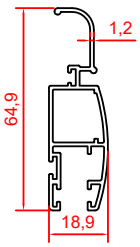
20208

0.200 kg/m



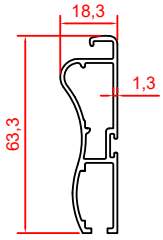
20207

0.150 kg/m



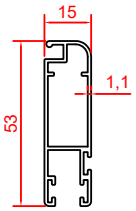
IC 265220

0.615 kg/m



IC 265221

0.620kg/m



IC 265222

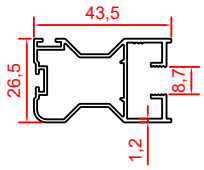
0.510 kg/m

پروفیل های رگال، ریل و دستگیره

مشخصـــات سیســـــتم

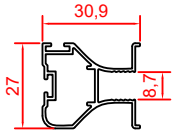
08

Handle And Sliding Door Prifiles



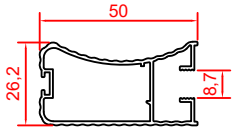
FU 27535

0.545 kg/m



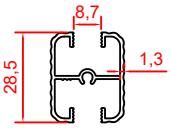
FU 27536

0.380 kg/m



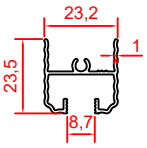
FU 27537

0.535 kg/m



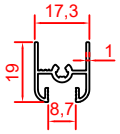
FU 27538

0.360 kg/m



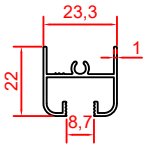
FU 27539

0.270 kg/m



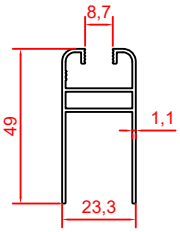
FU 27540

0.210 kg/m



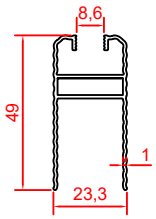
FU 27529

0.260 kg/m



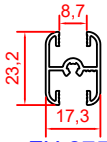
FU 27530

0.485 kg/m



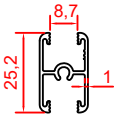
FU 27531

0.465 kg/m



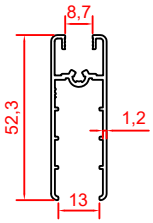
FU 27532

0.280 kg/m



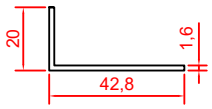
FU 27533

0.255 kg/m



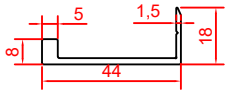
FU 27534

0.485 kg/m



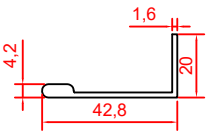
FU 27521

0.275 kg/m



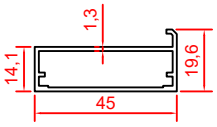
FU 27522

0.390 kg/m



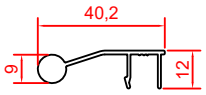
FU 27523

0.340 kg/m



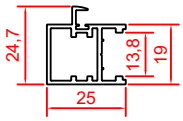
FU 27524

0.455 kg/m



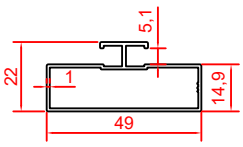
FU 27525

0.350 kg/m



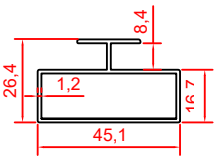
FU 27526

0.375 kg/m



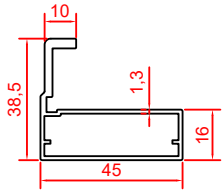
FU 27527

0.435 kg/m



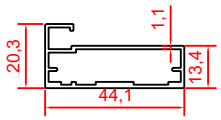
FU 27528

0.500 kg/m



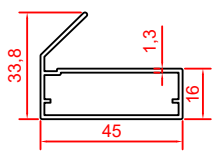
FU 27509

0.640 kg/m



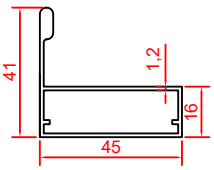
FU 27510

0.460 kg/m



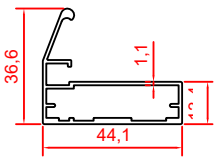
FU 27511

0.510 kg/m



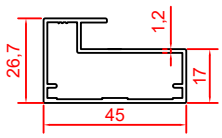
FU 27512

0.570 kg/m



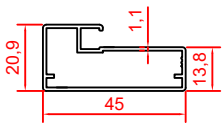
FU 27514

0.535 kg/m



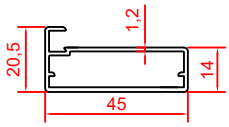
FU 27513

0.530 kg/m



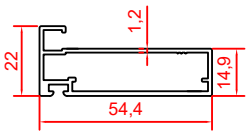
FU 27505

0.435 kg/m



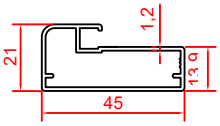
FU 27506

0.470 kg/m



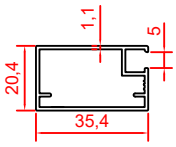
FU 27507

0.595 kg/m



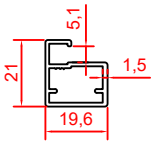
FU 27508

0.465 kg/m



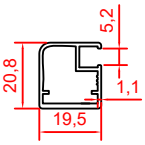
FU 27500

0.380 kg/m



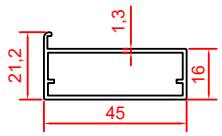
FU 27501

0.285 kg/m



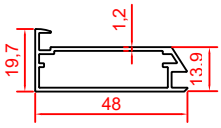
FU 27502

0.300 kg/m



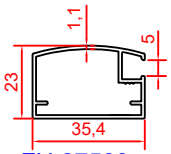
FU 27519

0.435 kg/m



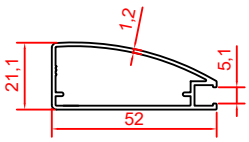
FU 27517

0.465 kg/m



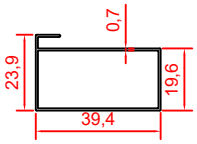
FU 27503

0.390 kg/m



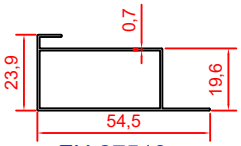
FU 27504

0.485 kg/m



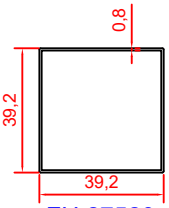
FU 27516

0.535 kg/m



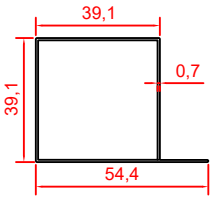
FU 27518

0.475 kg/m



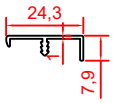
FU 27520

0.275 kg/m



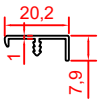
FU 27515

0.325 kg/m



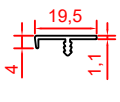
FU 27565

0.130 kg/m



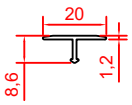
FU 27566

0.115 kg/m



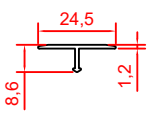
FU 27567

0.100 kg/m



FU 27568

0.095 kg/m



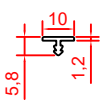
FU 27569

0.110 kg/m



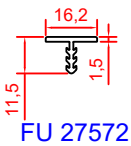
FU 27570

0.075 kg/m



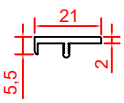
FU 27571

0.065 kg/m



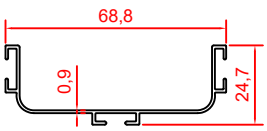
FU 27572

0.130 kg/m

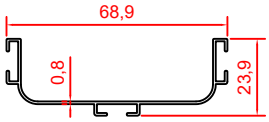


FU 27573

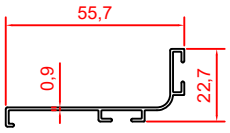
0.155 kg/m



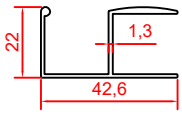
FU 27562
0.355 kg/m



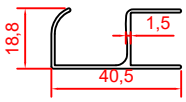
FU 27563
0.325 kg/m



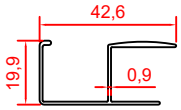
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0.260 kg/m



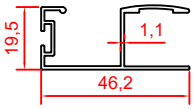
FU 27557
0.380 kg/m



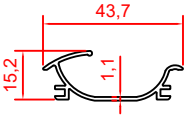
FU 27558
0.295 kg/m



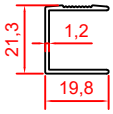
FU 27559
0.285 kg/m



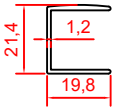
FU 27561
0.380 kg/m



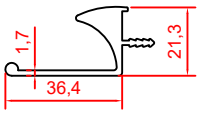
FU 27560
0.270 kg/m



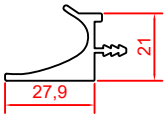
FU 27548
0.200 kg/m



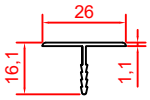
FU 27547
0.220 kg/m



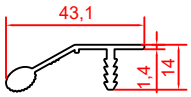
FU 27577
0.595 kg/m



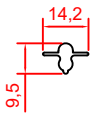
FU 27579
0.575 kg/m



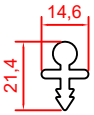
FU 27574
0.140 kg/m



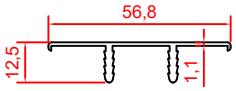
FU 27583
0.395 kg/m



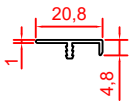
FU 27582
0.120 kg/m



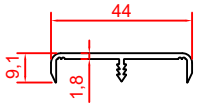
FU 27581
0.095 kg/m



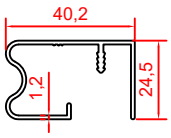
FU 27576
0.335 kg/m



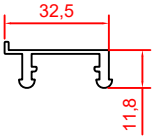
FU 27575
0.100 kg/m



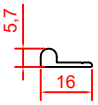
FU 27578
0.295 kg/m



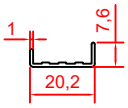
FU 27580
0.415 kg/m



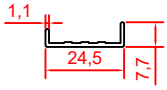
FU 27585
0.320 kg/m



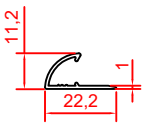
FU 27587
0.120 kg/m



FU 27589
0.100 kg/m



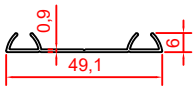
FU 27591
0.125 kg/m



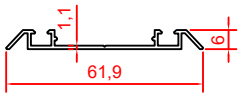
FU 27590
0.120 kg/m



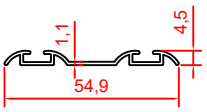
FU 27647
0.280 kg/m



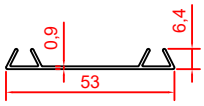
FU 27646
0.185 kg/m



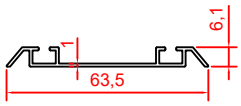
FU 27648
0.285 kg/m



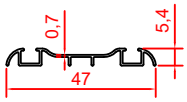
FU 27649
0.245 kg/m



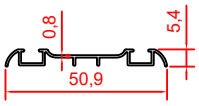
FU 27650
0.205 kg/m



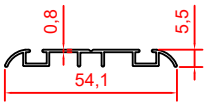
FU 27651
0.275 kg/m



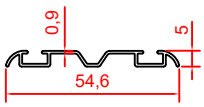
FU 27639
0.185 kg/m



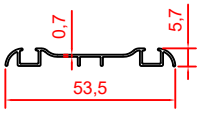
FU 27640
0.180 kg/m



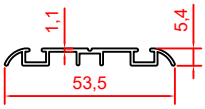
FU 27641
0.205 kg/m



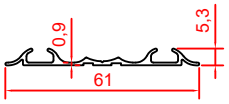
FU 27642
0.215 kg/m



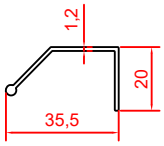
FU 27643
0.185 kg/m



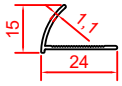
FU 27644
0.265 kg/m



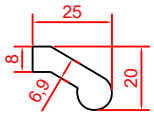
FU 27645
0.205 kg/m



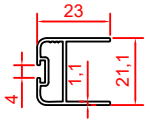
FU 27550
0.215 kg/m



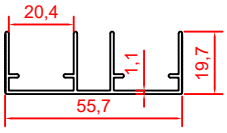
FU 27551
0.120 kg/m



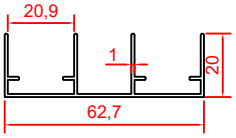
FU 27552
0.635 kg/m



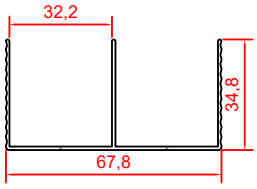
FU 27549
0.280 kg/m



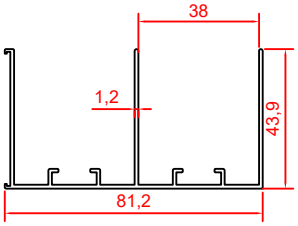
FU 27553
0.440 kg/m



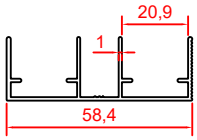
FU 27554
0.425 kg/m



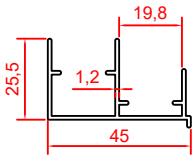
FU 27555
0.495 kg/m



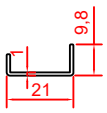
FU 27556
0.770 kg/m



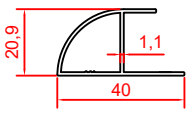
FU 27584
0.460 kg/m



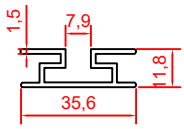
FU 27586
0.410 kg/m



FU 27588
0.110 kg/m

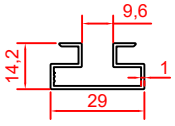


FU 27623
0.310 kg/m



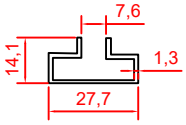
FU 27624

0.365 kg/m



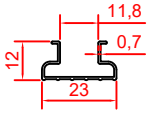
FU 27625

0.240 kg/m



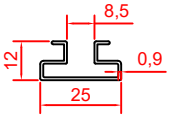
FU 27626

0.240 kg/m



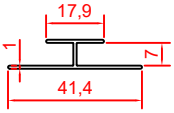
FU 27629

0.120 kg/m



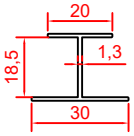
FU 27628

0.180 kg/m



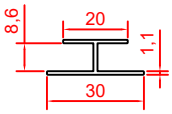
FU 27627

0.165 kg/m



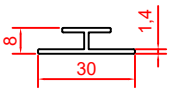
FU 27635

0.225 kg/m



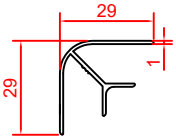
FU 27634

0.190 kg/m



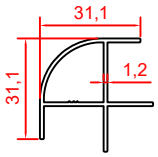
FU 27636

0.200 kg/m



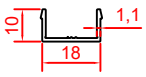
FU 27632

0.250 kg/m



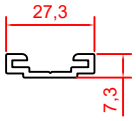
FU 27622

0.405 kg/m



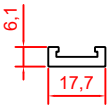
FU 27594

0.120 kg/m



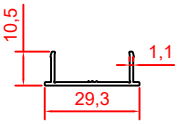
FU 27593

0.250 kg/m



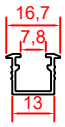
FU 27597

0.205 kg/m



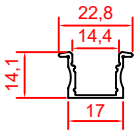
FU 27592

0.155 kg/m



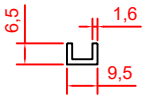
FU 27596

0.130 kg/m



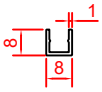
FU 27595

0.185 kg/m



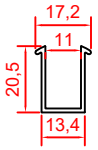
FU 27600

0.095 kg/m



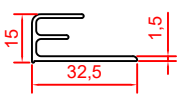
FU 27599

0.075 kg/m



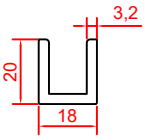
FU 27598

0.195 kg/m



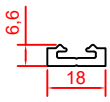
FU 27603

0.275 kg/m



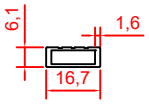
FU 27602

0.455 kg/m



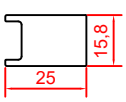
FU 27601

0.205 kg/m



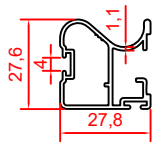
FU 27615

0.130 kg/m

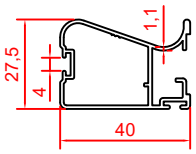


FU 27610

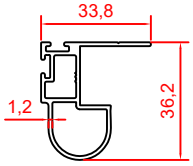
0.930 kg/m



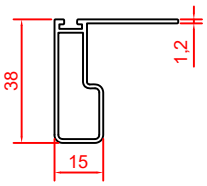
FU 27542
0.430 kg/m



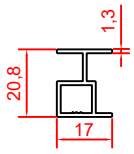
FU 27541
0.495 kg/m



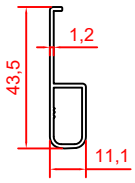
FU 27544
0.490 kg/m



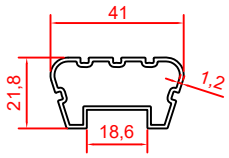
FU 27543
0.445 kg/m



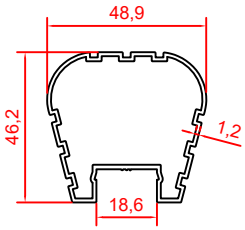
FU 27546
0.250 kg/m



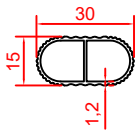
FU 27545
0.280 kg/m



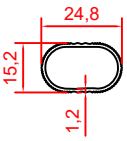
FU 27637
0.435 kg/m



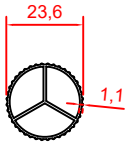
FU 27638
0.715 kg/m



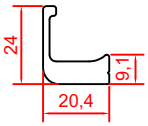
FU 27631
0.240 kg/m



FU 27630
0.195 kg/m



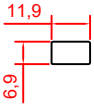
FU 27633
0.240 kg/m



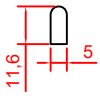
FU 27618
0.510 kg/m



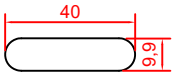
FU 27617
0.370 kg/m



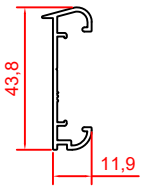
FU 27616
0.235 kg/m



FU 27620
0.165 kg/m



FU 27619
1.020 kg/m



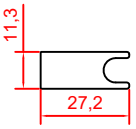
FU 27621
0.315 kg/m



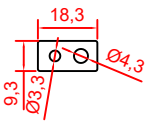
FU 27613
0.370 kg/m



FU 27612
0.400 kg/m



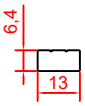
FU 27611
0.710kg/m



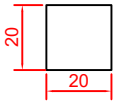
FU 27604
0.410 kg/m



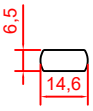
FU 27605
0.330 kg/m



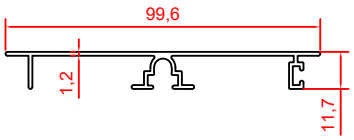
FU 27606
0.240 kg/m



FU 27607
1.110 kg/m

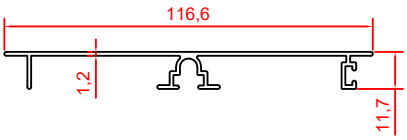


FU 27608
0.260kg/m



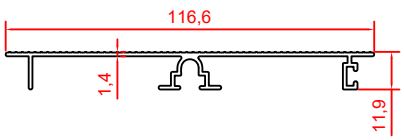
FU 27653

0.570 kg/m



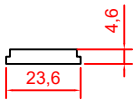
FU 27654

0.630 kg/m



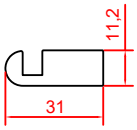
FU 27655

0.630 kg/m



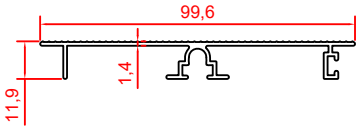
FU 27609

0.085 kg/m



FU 27614

0.780 kg/m



FU 27652

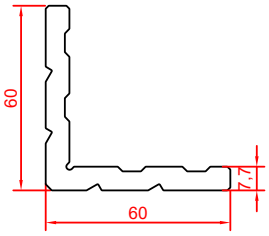
0.570 kg/m

پروفیل‌های فیکسر

مشخصات سیستم

09

Fixers Profiles

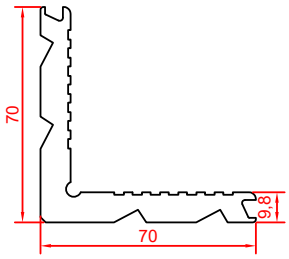


code : CJ122

گونیـــا پـــانچی

Corner Cleat

weight :2.199 kg/m

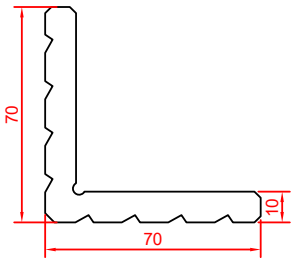


code : CJ30527

گونیـــا پـــانچی

Corner Cleat

weight :3.090 kg/m

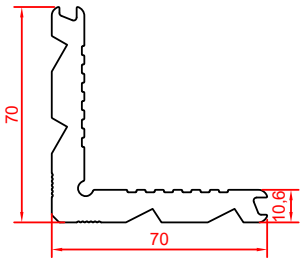


code : CJ30529

گونیـــا پـــانچی

Corner Cleat

weight :3.100 kg/m

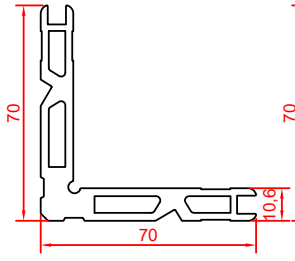


code : CJ111

گونیـــا پـــانچی

Corner Cleat

weight : 3.32kg/m

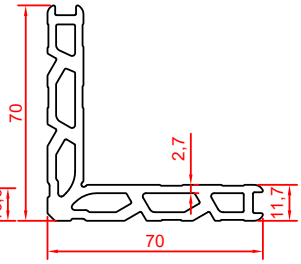


code : CJ30510

گونیـــا پـــانچی

Corner Cleat

weight :2.39 kg/m

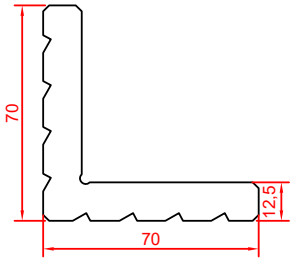


code : CJ125

گونیـــا پـــانچی

Corner Cleat

weight :2.299 kg/m

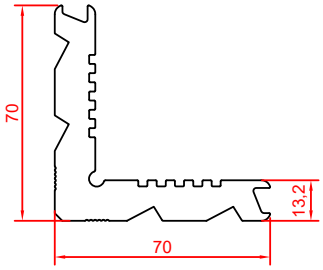


code : CJ30528

گونیـــا پـــانچی

Corner Cleat

weight :4.240 kg/m

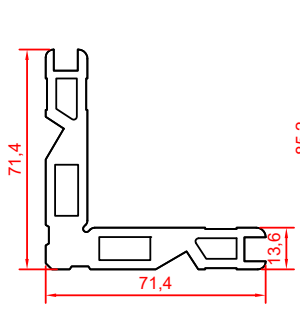


code : CJ113

گونیـــا پـــانچی

Corner Cleat

weight : 4.03kg/m

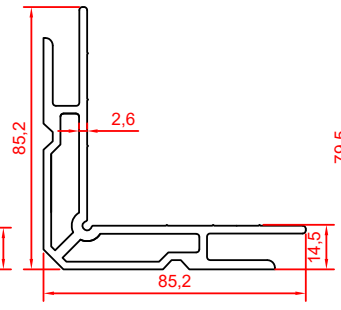


code : CJ30505

گونیـــا پـــانچی

Corner Cleat

weight :3.100 kg/m

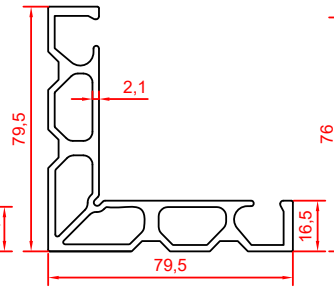


code : CJ30506

گونیـــا پـــانچی

Corner Cleat

weight :2.460 kg/m

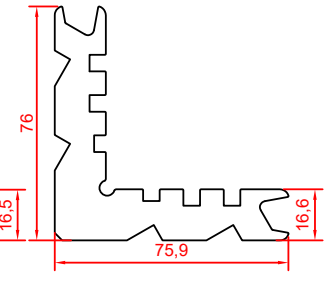


code : CJ30511

گونیـــا پـــانچی

Corner Cleat

weight :2.460 kg/m

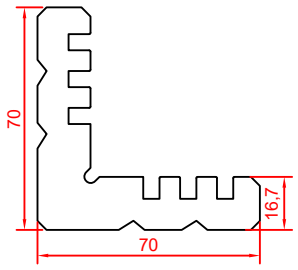


code : CJ124

گونیـــا پـــانچی

Corner Cleat

weight :5.149 kg/m

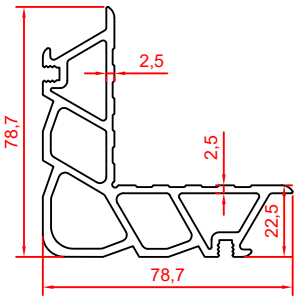


code : CJ30530

گونیـــا پـــانچی

Corner Cleat

weight :4.920 kg/m

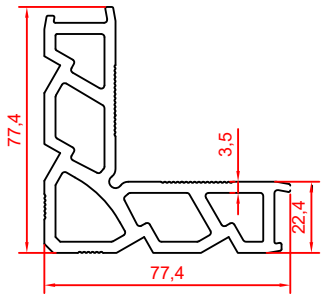


code : CJ30504

گونیـــا پـــانچی

Corner Cleat

weight :2.480 kg/m

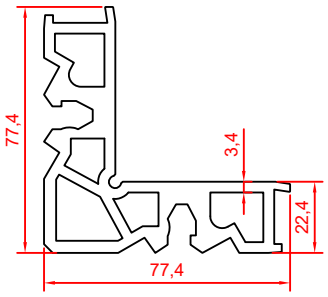


code : CJ 119

گونیـــا پـــانچی

corner cleat

weight 3.610 kg/m

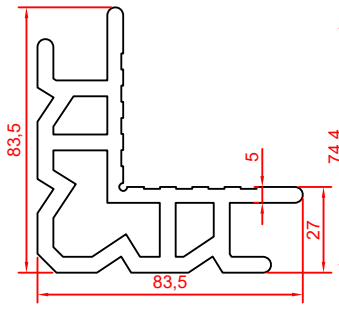


code : CJ 30509

گونیـــا پـــانچی

corner cleat

weight 4.00 kg/m

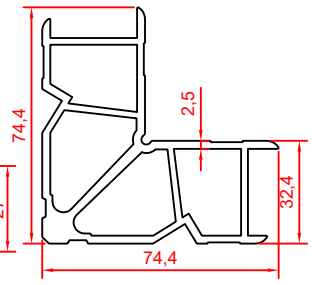


code : CJ30508

گونیـــا پـــانچی

Corner Cleat

weight :4.580 kg/m

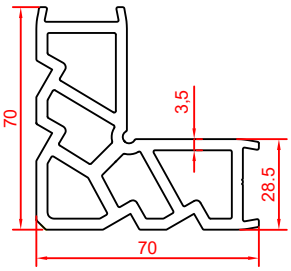


code : CJ30500

گونیـــا پـــانچی

Corner Cleat

weight :2.565 kg/m

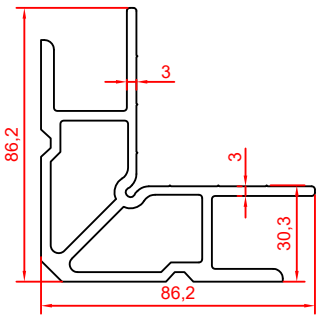


code : CJ115

گونیـــا پـــانچی

Corner Cleat

weight :3.770 kg/m

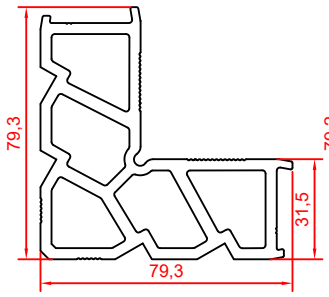


code : CJ30507

گونیـــا پـــانچی

Corner Cleat

weight :3.550 kg/m

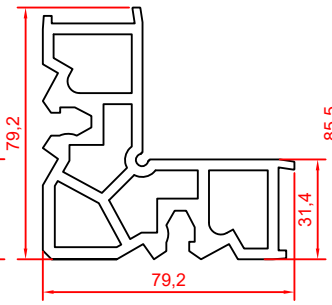


code : CJ 118

گونیـــا پـــانچی

corner cleat

weight 4.021 kg/m

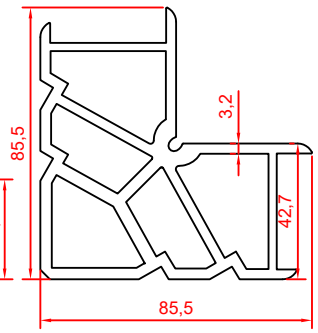


code : CJ30502

گونیـــا پـــانچی

Corner Cleat

weight :4.370 kg/m

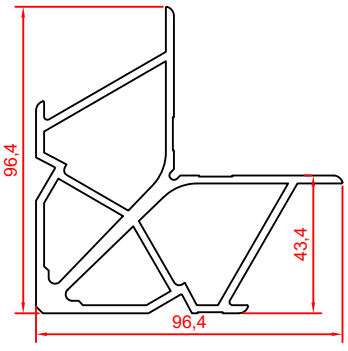


code : CJ30503

گونیـــا پـــانچی

Corner Cleat

weight :4.380 kg/m

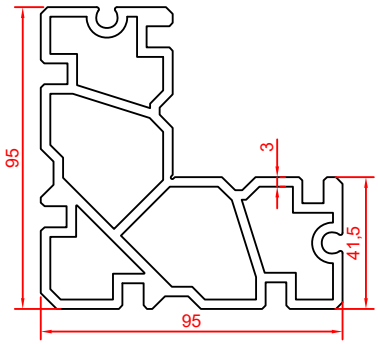


code : CJ30501

گونیـــا پـــانچی

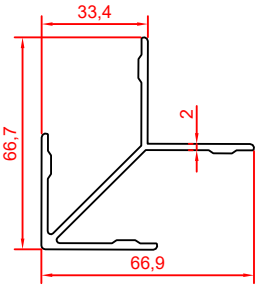
Corner Cleat

weight :3.405 kg/m



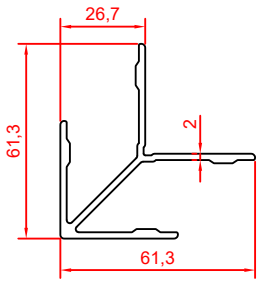
code : CJ30534

گونیـا پـانچی
Corner Cleat
weight :5.070 kg/m



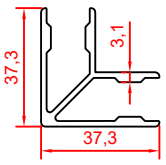
code : CJ30531

گونیـا پـانچی
Corner Cleat
weight :1.080 kg/m



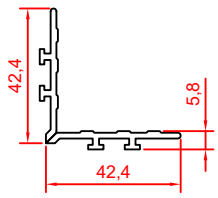
code : CJ30532

گونیـا پـانچی
Corner Cleat
weight :2.880 kg/m



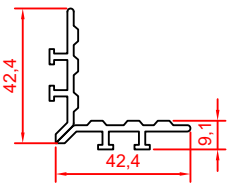
code : CJ30533

گونیـا پـانچی
Corner Cleat
weight :0.775 kg/m



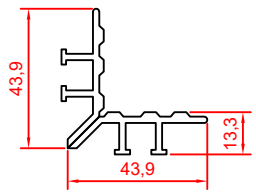
code : CJ30517-CJ30517

گونیـا زیـر دگمـه پلاسـتیک
Corner Cleat
weight :0.285+0.285 kg/m



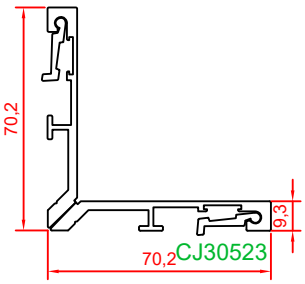
code : CJ30516-CJ30516

گونیـا زیـر دگمـه پلاسـتیک
Corner Cleat
weight :0.385+0.385 kg/m



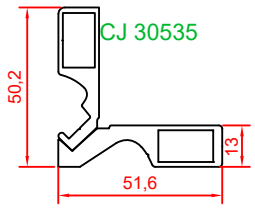
code : CJ30518-CJ30518

گونیـا زیـر دگمـه پلاسـتیک
Corner Cleat
weight :0.445+0.445 kg/m



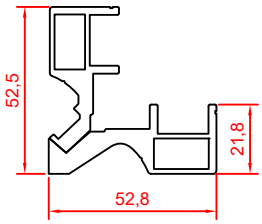
code : CJ30521-CJ30521
code : CJ30523(0.150kg/m)

گونیـا زیـر دگمـه پلاسـتیک
Corner Cleat
weight :0.445+0.445 kg/m



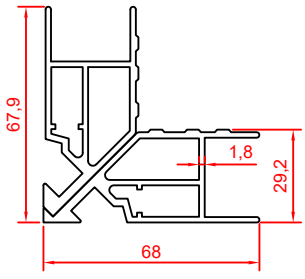
code : CJ30526-CJ30535

گونیـا زیـر دگمـه پلاسـتیک
Corner Cleat
weight :0.875+0.605 kg/m



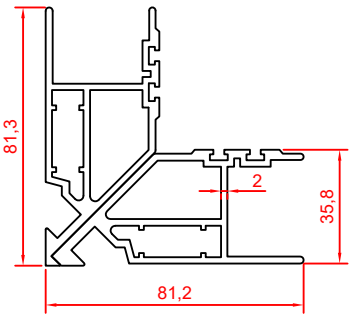
code : CJ30524-CJ30525

گونیـا زیـر دگمـه پلاسـتیک
Corner Cleat
weight :1.080+0.840 kg/m



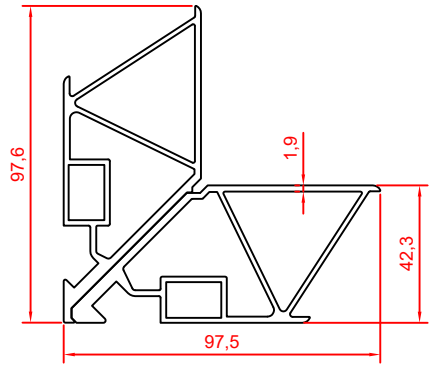
code : CJ30514-CJ30515

گونیـا زیـر دگمـه پلاسـتیک
Corner Cleat
weight :1.125+1.145 kg/m



code : CJ30519-CJ30520

گونیـا زیـر دگمـه پلاسـتیک
Corner Cleat
weight :1.565+1.620 kg/m

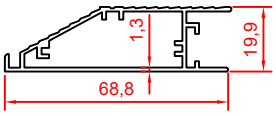


code : CJ30512-CJ30513

گونیـــا زیـر دگمـه پلاســـتیک

Corner Cleat

weight :1.705+1.660 kg/m



code : CJ30522

پروفیـــل گونیـــا

Corner Cleat

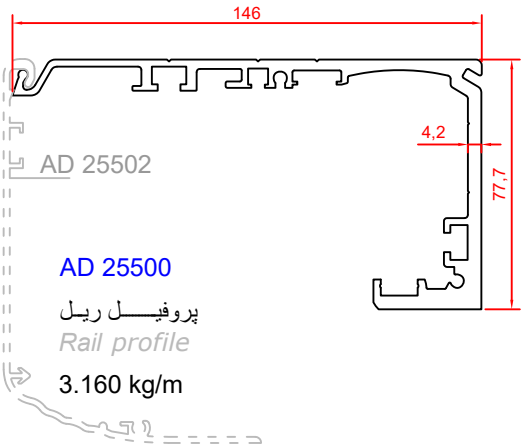
weight :0.645 kg/m

پروفیل‌های درب اتومـــات

مشخصـــات سیســـــتم

10

Automatic Doors Profiles

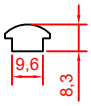


AD 25500

پروفیـــل ریـل

Rail profile

3.160 kg/m

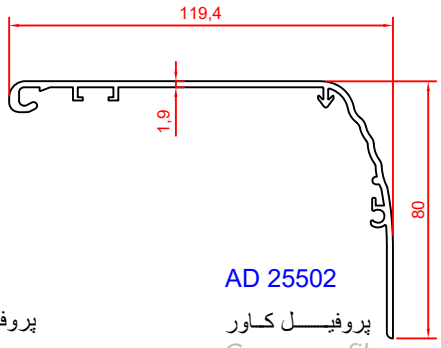


AD 25501

پروفیـــل ریـل بلبرینـــگ

Rail profile

0.245 kg/m

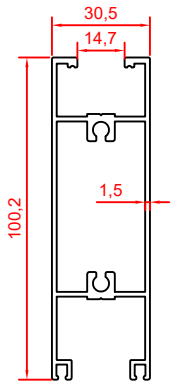


AD 25502

پروفیـــل کـاور

Cover profile

1.200 kg/m



AD 25509

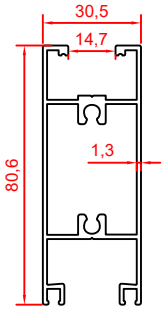
10 cm پروفیـــل لنگـه

10 cm sash profile

1.425 kg/m

Jx=48.76 cm^4

Jy=7.54 cm^4



AD 25510

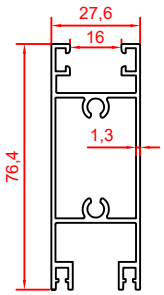
8 cm پروفیـــل لنگـه

8 cm sash profile

1.140 kg/m

Jx=25.22 cm^4

Jy=5.64 cm^4



AD 25503

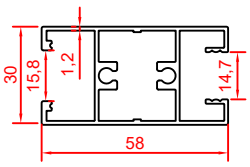
7.5 cmپروفیـــل لنگـه

7.5 cm sash profile

1.070 kg/m

Jx=21.47 cm^4

Jy=4.65 cm^4



AD 25511

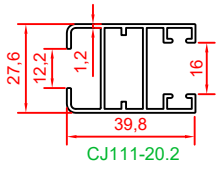
6 cm پروفیـــل لنگـه

6 cm sash profile

0.900 kg/m

Jx=4.11 cm^4

Jy=9.68 cm^4



AD 25505

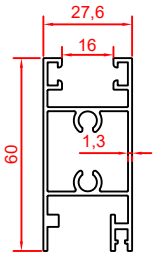
4 cm پروفیـــل لنگـه

4 cm sash profile

0.580 kg/m

Jx=2.47 cm^4

Jy=2.82 cm^4



AD 25504

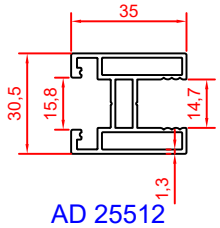
6 cm پروفیـــل لنگـه

6 cm sash profile

0.910 kg/m

Jx=10.12 cm^4

Jy=3.67 cm^4



AD 25512

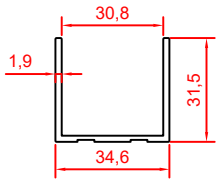
پروفیـــــل لنگـــه 3.5 cm

3.5 cm sash profile

0.940 kg/m

Jx=2.75 cm^4

Jy=3.19 cm^4

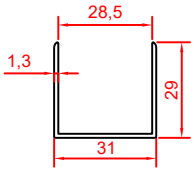


AD 25513

پروفیـــــل U

U profile

0.480 kg/m

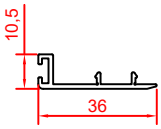


AD 25506

پروفیـــــل U

U profile

0.310 kg/m

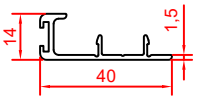


AD 25507

پروفیـــــل درپـوش

Cover profile

0.230 kg/m

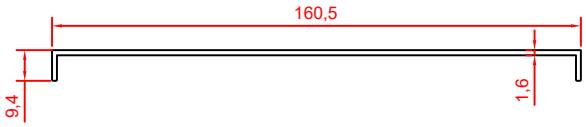


AD 25514

پروفیـــــل درپـوش

Cover profile

0.310 kg/m



AD 25508

پروفیـــــل کـاور دور کـار

Cover profile

0.780 kg/m

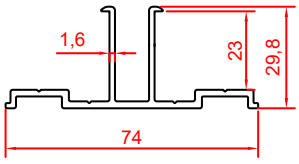
پروفیل‌های کـــــوتتال

مشخصـــــات سیســـــتم

11

COTTAL Clading Profiles



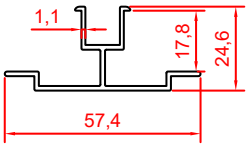


CF 22511

پروفیـــــل مولیـــون

Mullion profile

0.740 kg/m

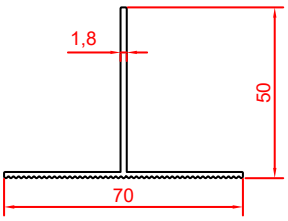


CF 22505

پروفیـــــل مولیـــون

Mullion profile

0.420 kg/m

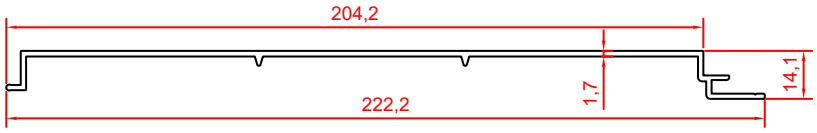


CF 22512

پروفیـــــل مولیـــون

Mullion profile

0.420 kg/m

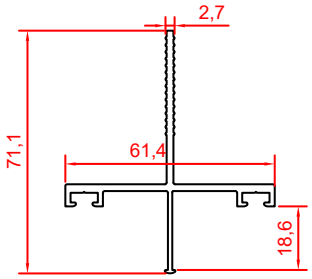


CF 22502

پروفیـــــل پنـــل

Panel profile

1.170 kg/m

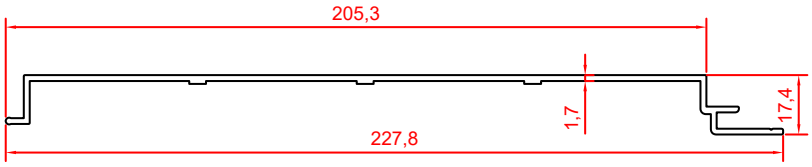


CF 22517

پروفیـــــل مولیـــون

Mullion profile

0.820 kg/m

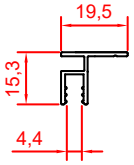


CF 22501

پروفیـــــل پنـــل

Panel profile

1.300 kg/m

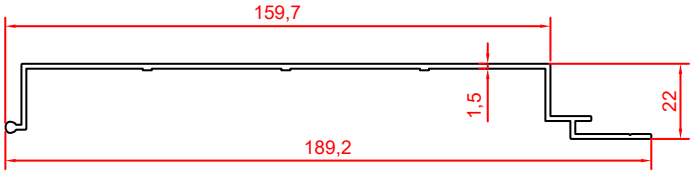


CF 22518

اداپتـــور ورق کامپوزیـــت

Composite panel adapter

0.160 kg/m

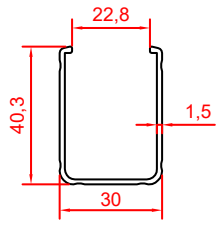


CF 22500

پروفیـــــل پنـــل

Panel profile

0.960 kg/m

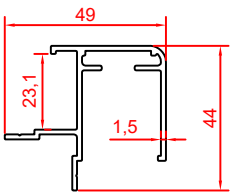


CF 22510

پروفیـــــل ابتـــدا و انتهـــا

starter & end profile

0.450 kg/m

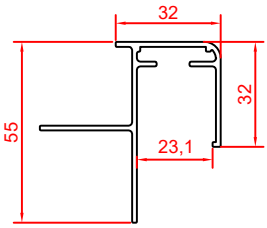


CF 22513

آداپتـــور زاویـه کنـــج

Corner adapter profile

0.640 kg/m

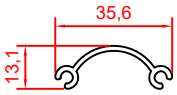


CF 22514

آداپتـــور زاویـه کنـــج

Corner adapter profile

0.670 kg/m

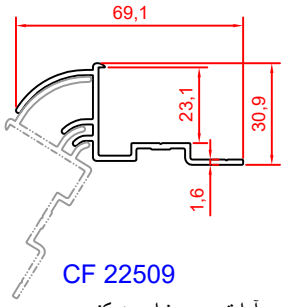


CF 22507

آداپتـــور زاویـه کنـــج

Corner adapter profile

0.245 kg/m

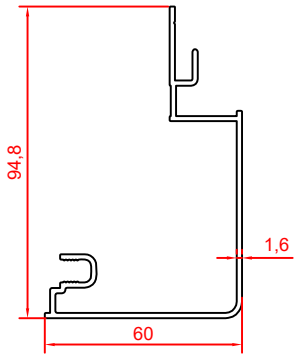


CF 22509

آداپتـــور زاویـه کنـــج

Corner adapter profile

1.710 kg/m

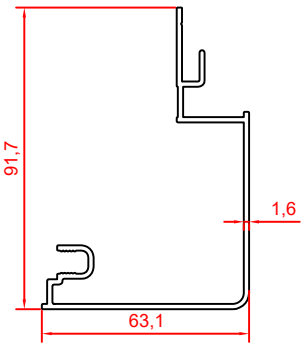


CF 22515

آداپتـــور زاویـه کنـــج

Corner adapter profile

1.00 kg/m

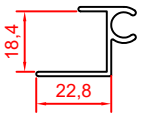


CF 22516

آداپتـــور زاویـه کنـــج

Corner adapter profile

1.00 kg/m

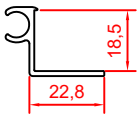


CF 22506

اداپتـــور کنـــج داخلـی

Corner adapter profile

0.275 kg/m

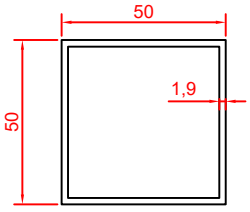


CF 22519

آداپتـــور کنـــج بـــیرونی

Corner adapter profile

0.260 kg/m

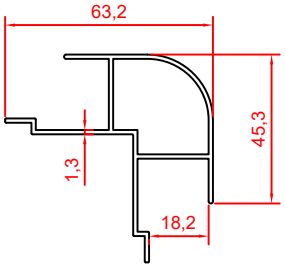


CF 22508

پروفیـــل قوطـی

50X50 box profile

1.060 kg/m

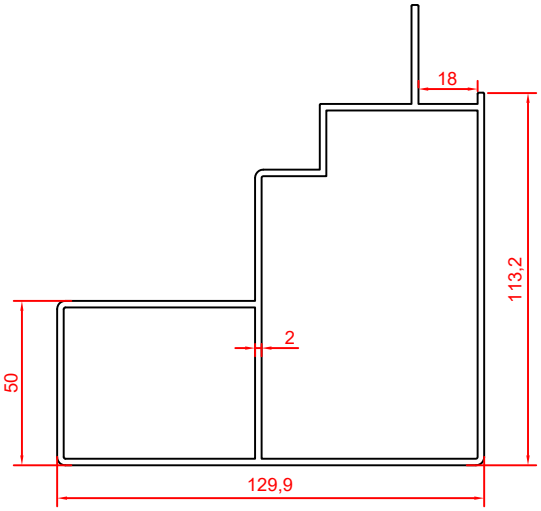


CF 22503

آداپتـــور زاویـه کنـــج

Corner adapter profile

0.765 kg/m

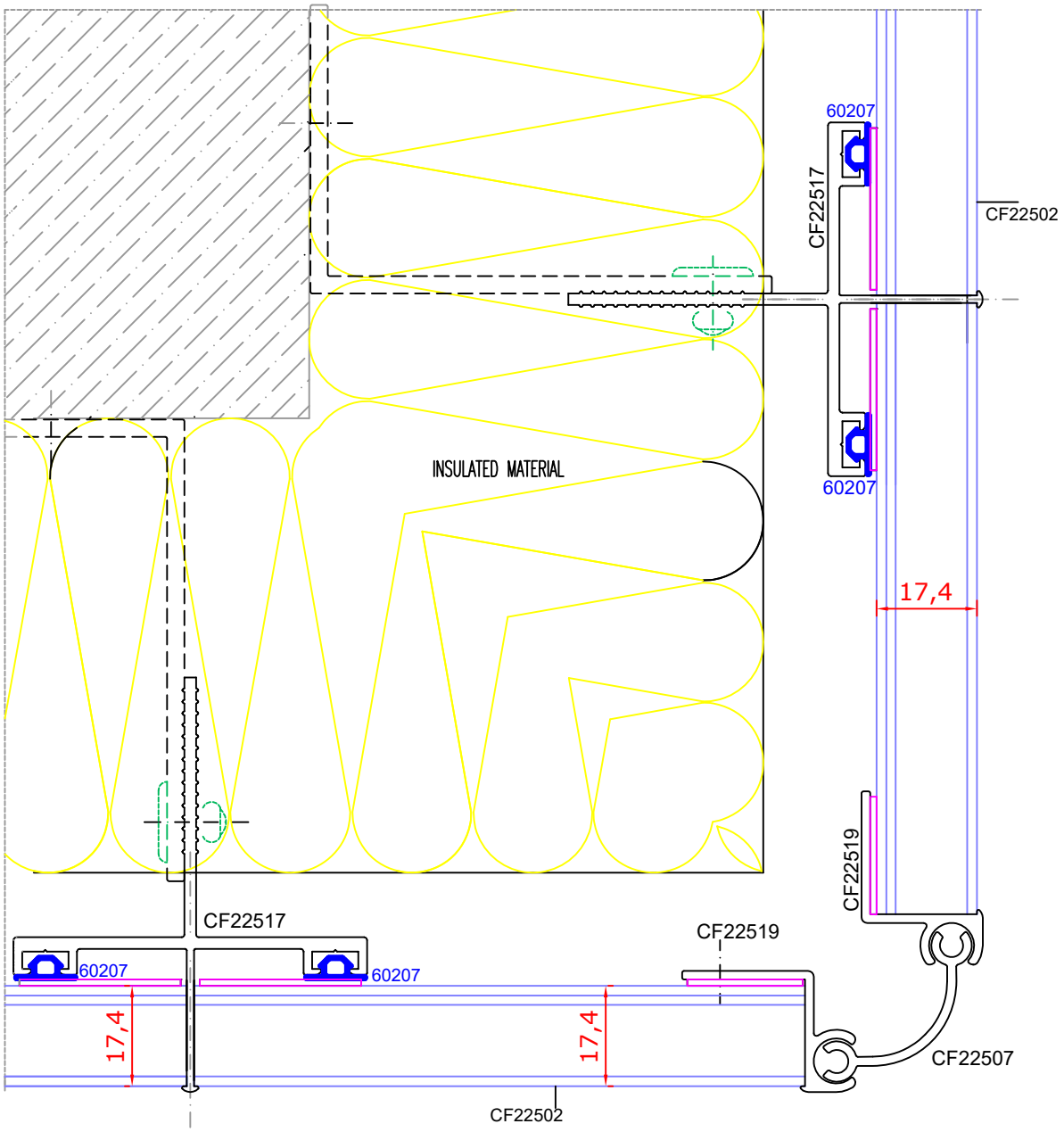


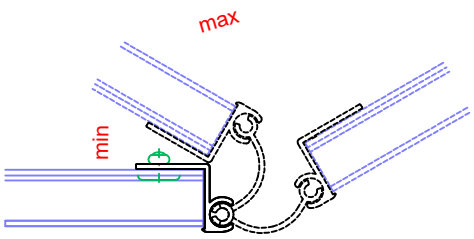
CF 22504

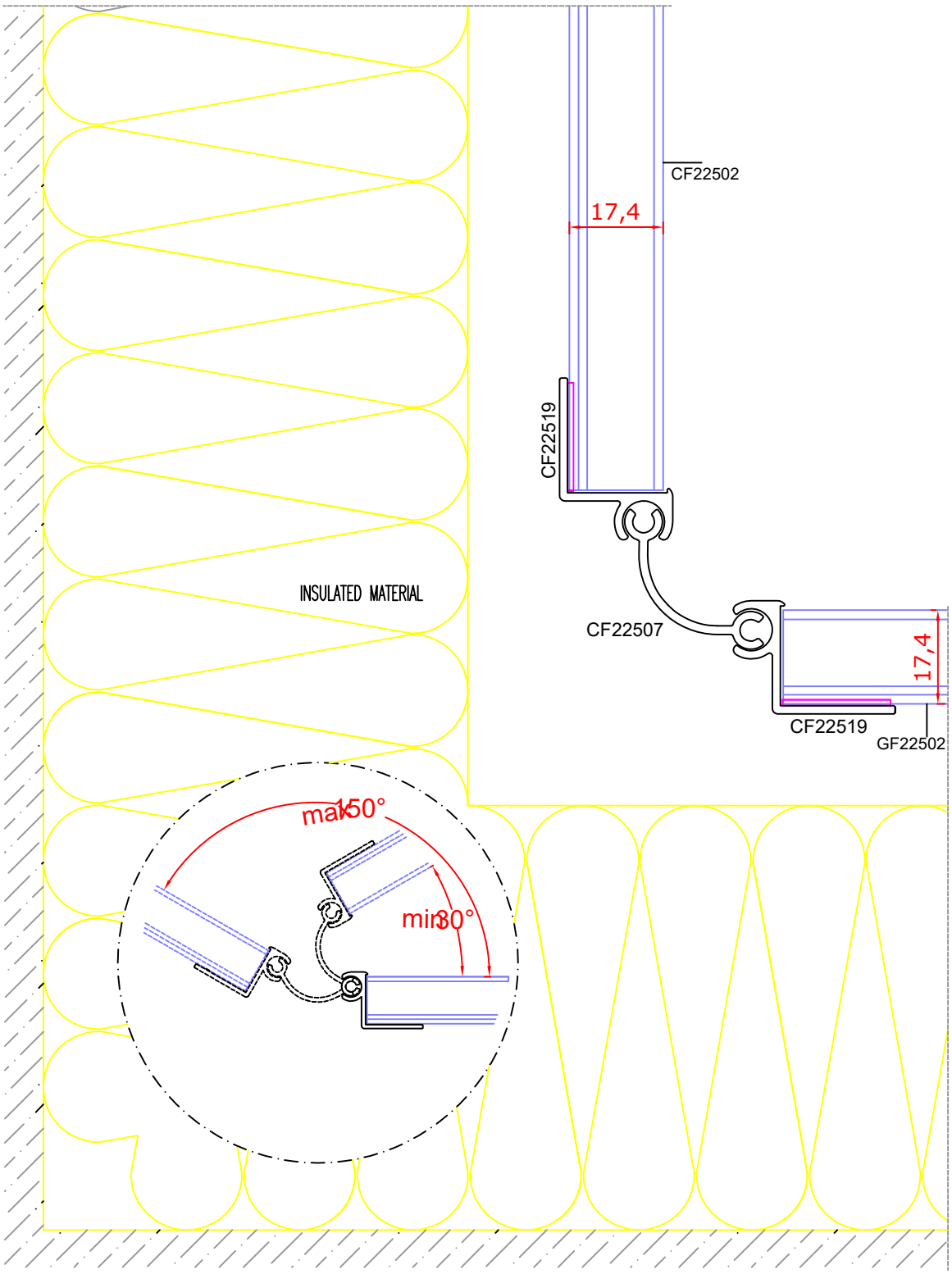
آداپتـــور زاویـه کنـــج

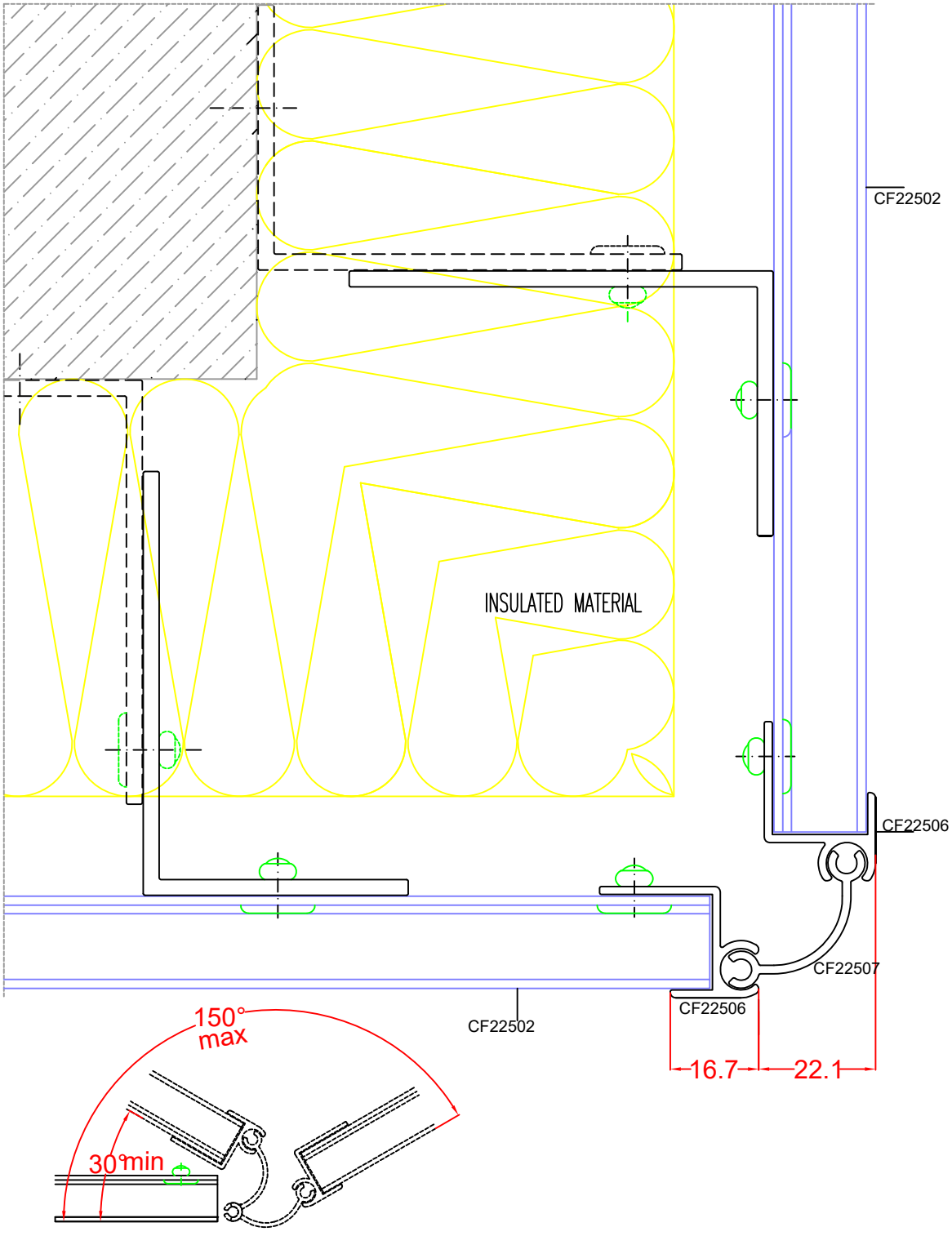
Corner adapter profile

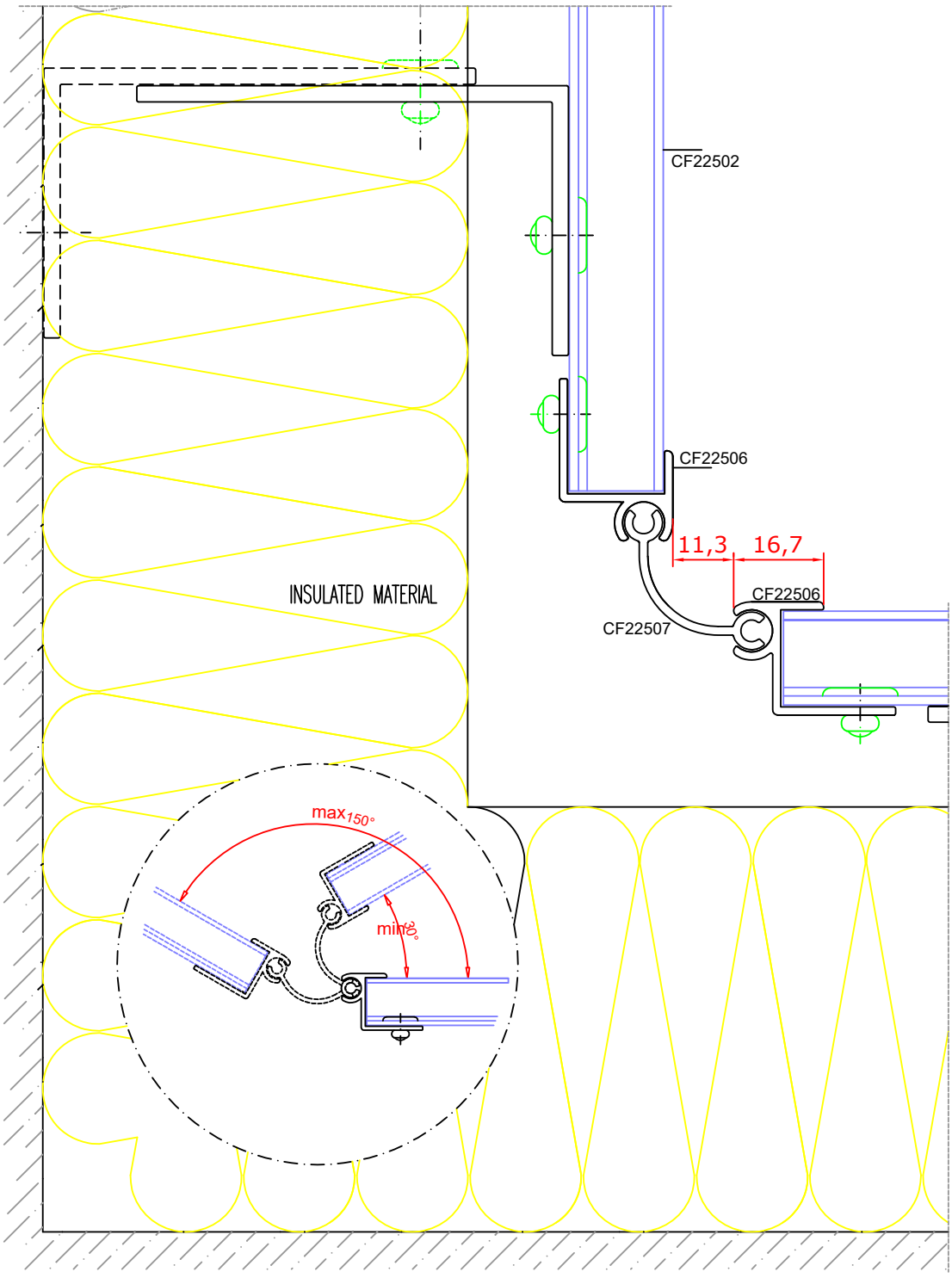
2.980 kg/m

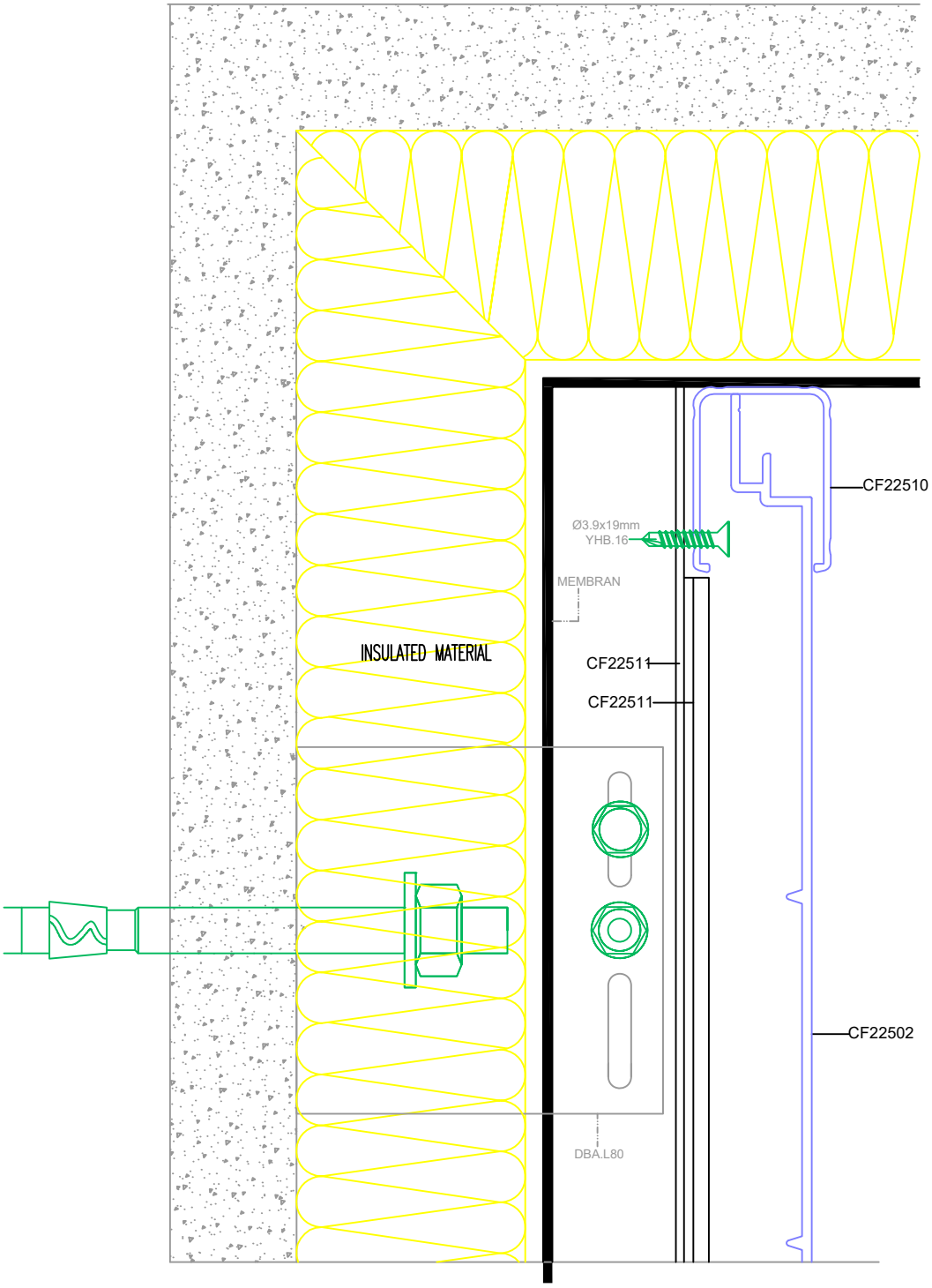

60207
CF22517
CF22502
INSULATED MATERIAL
60207
17,4
CF22519
CF22517
CF22519
60207
60207
17,4
17,4
CF22507
CF22502

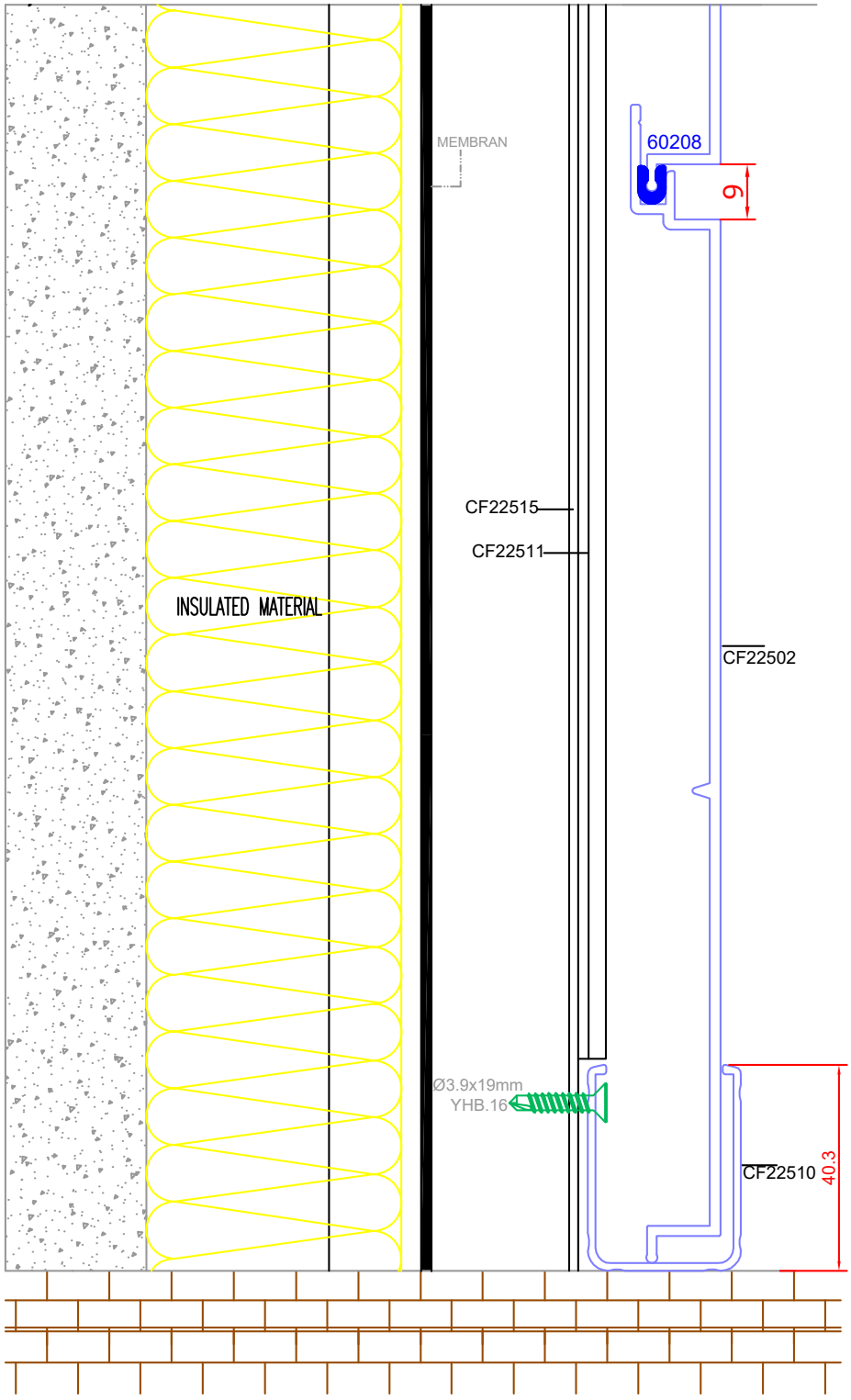

max
min

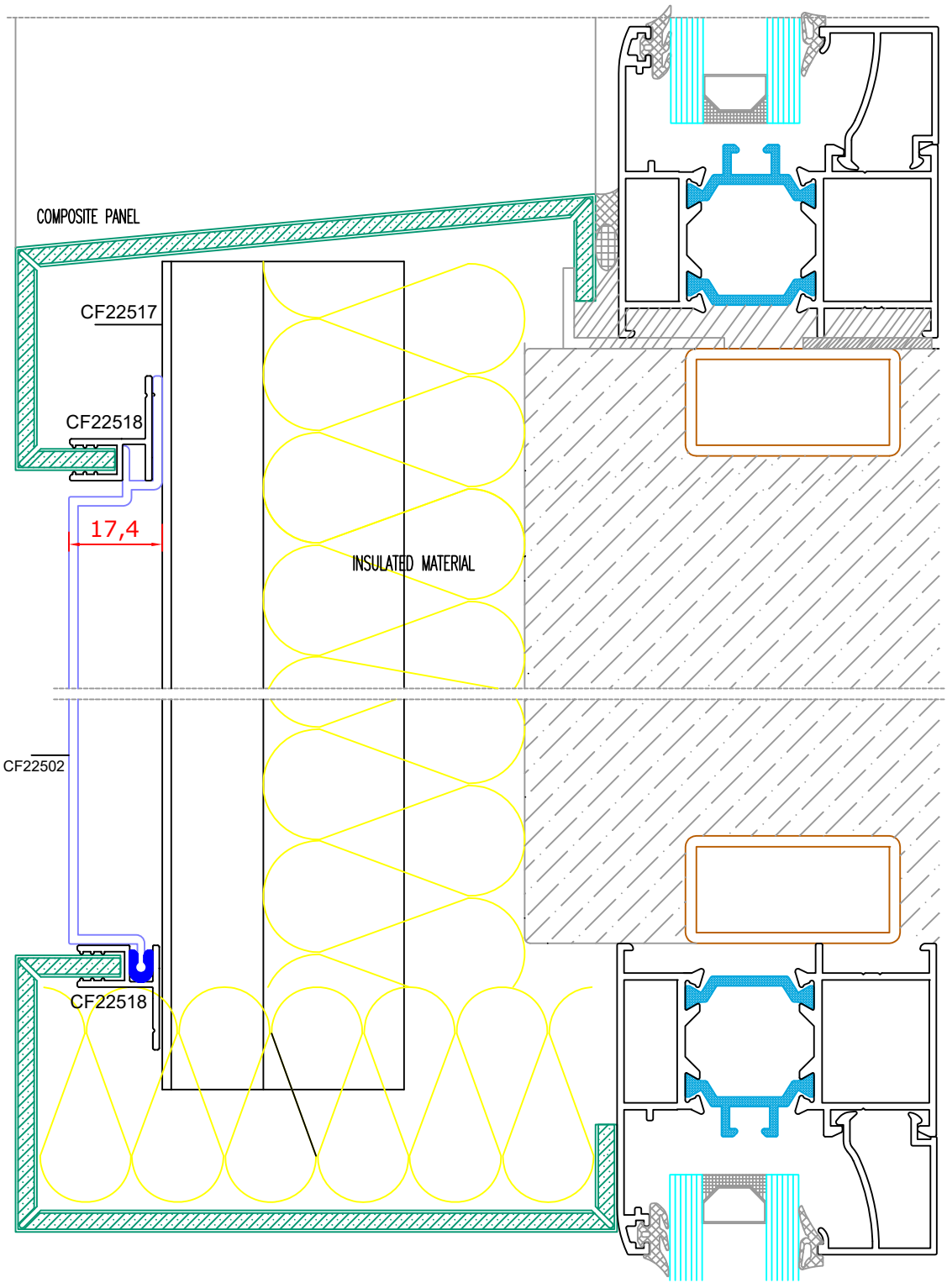

CF22502
17,4
CF22519
INSULATED MATERIAL
CF22507
17,4
CF22519
GF22502
max 150°
min 30°

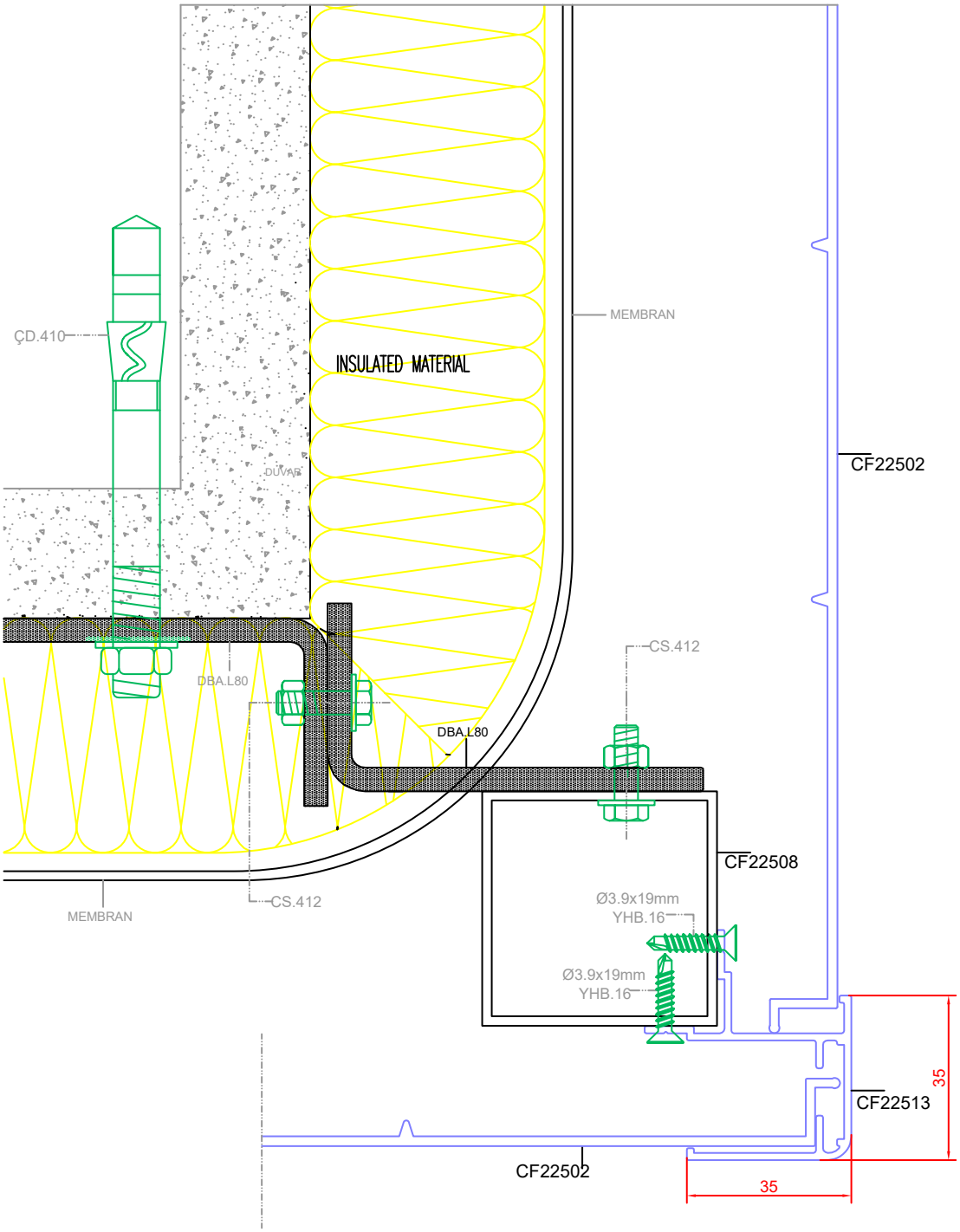

CF22502
INSULATED MATERIAL
CF22506
CF22507
CF22506
CF22502
16.7
22.1
150°
max
30°min

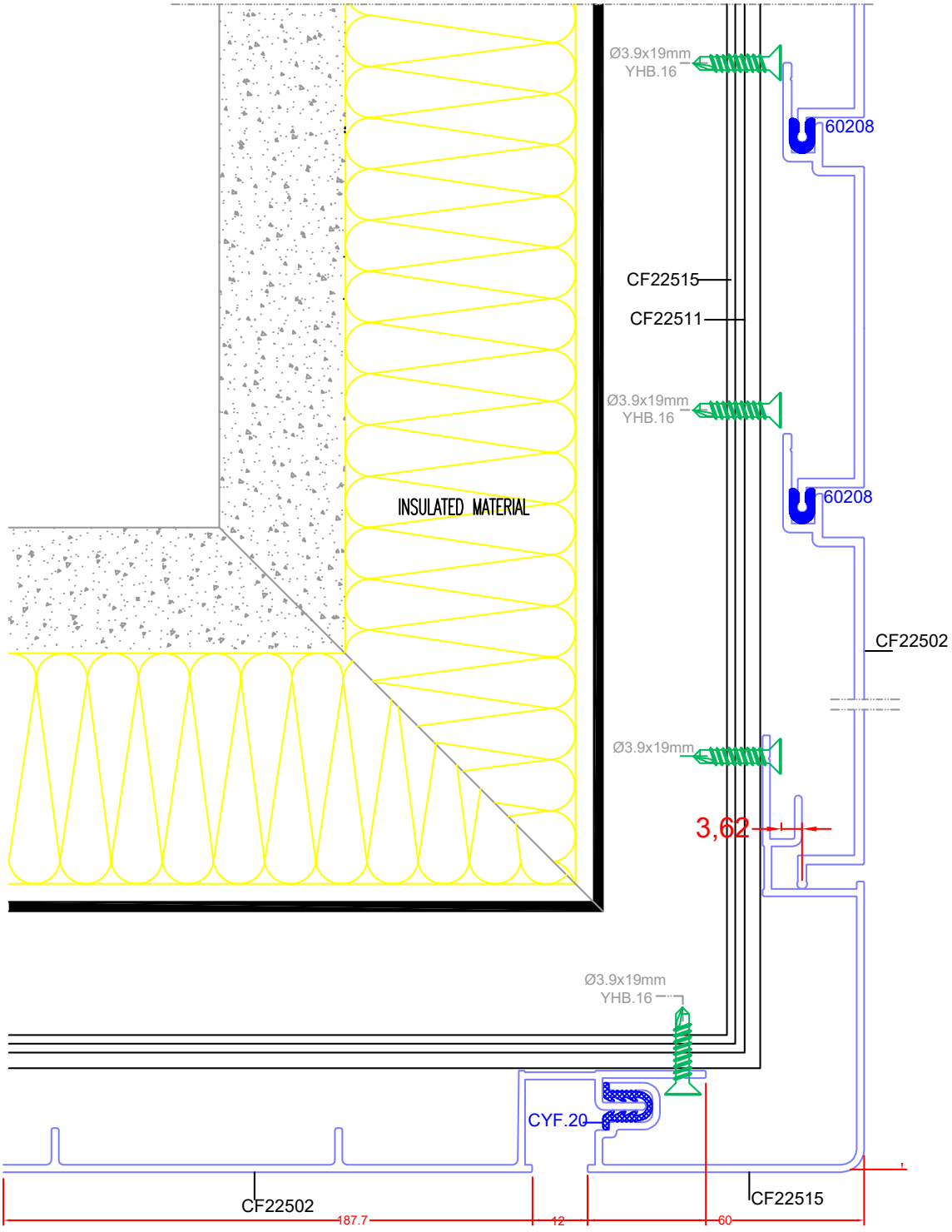

CF22502
CF22506
11,3
16,7
CF22506
CF22507
INSULATED MATERIAL
max150°
min8°

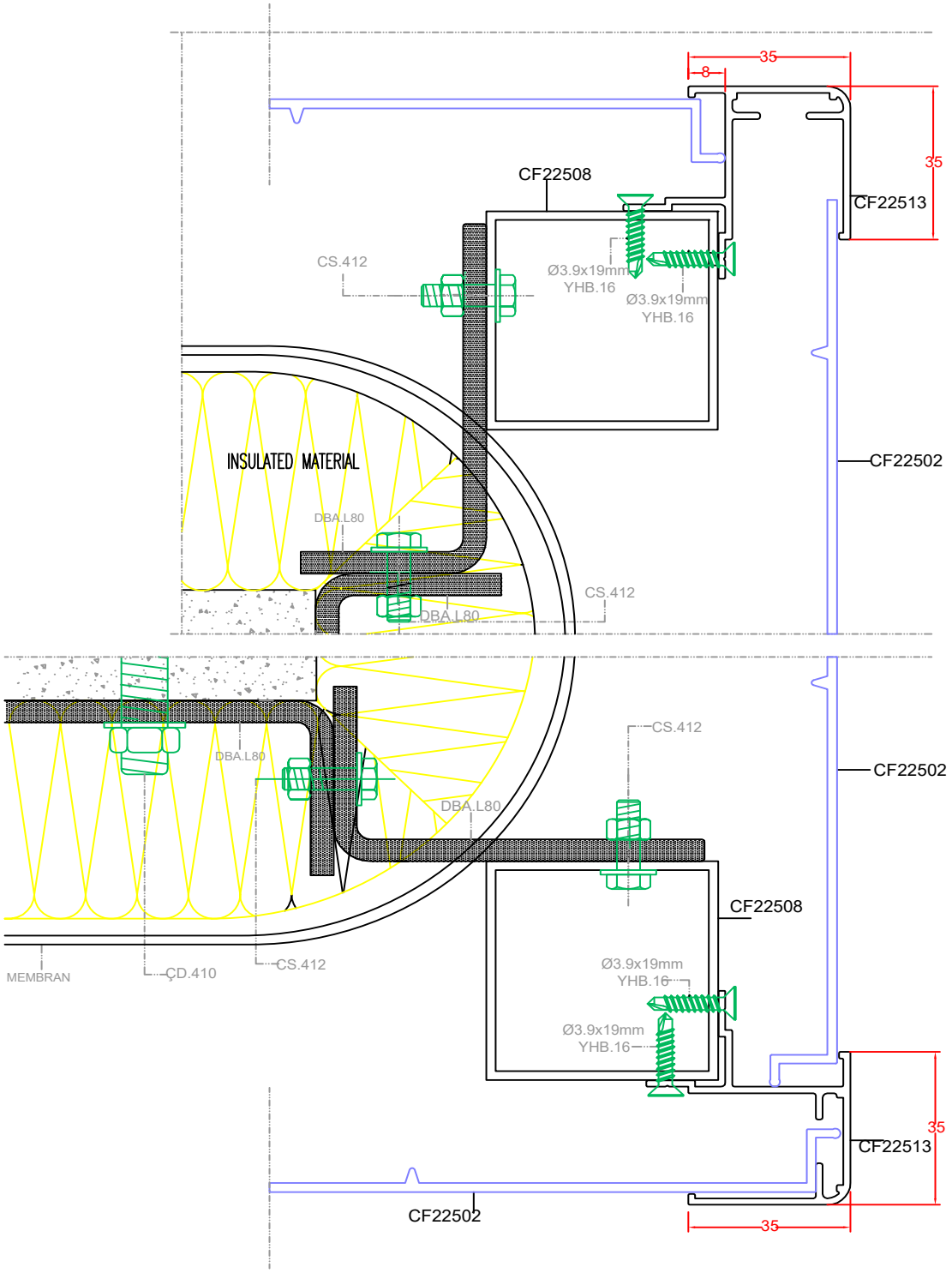

CF22510
Ø3.9x19mm
YHB.16
MEMBRAN
INSULATED MATERIAL
CF22511
CF22511
CF22502
DBA.L80

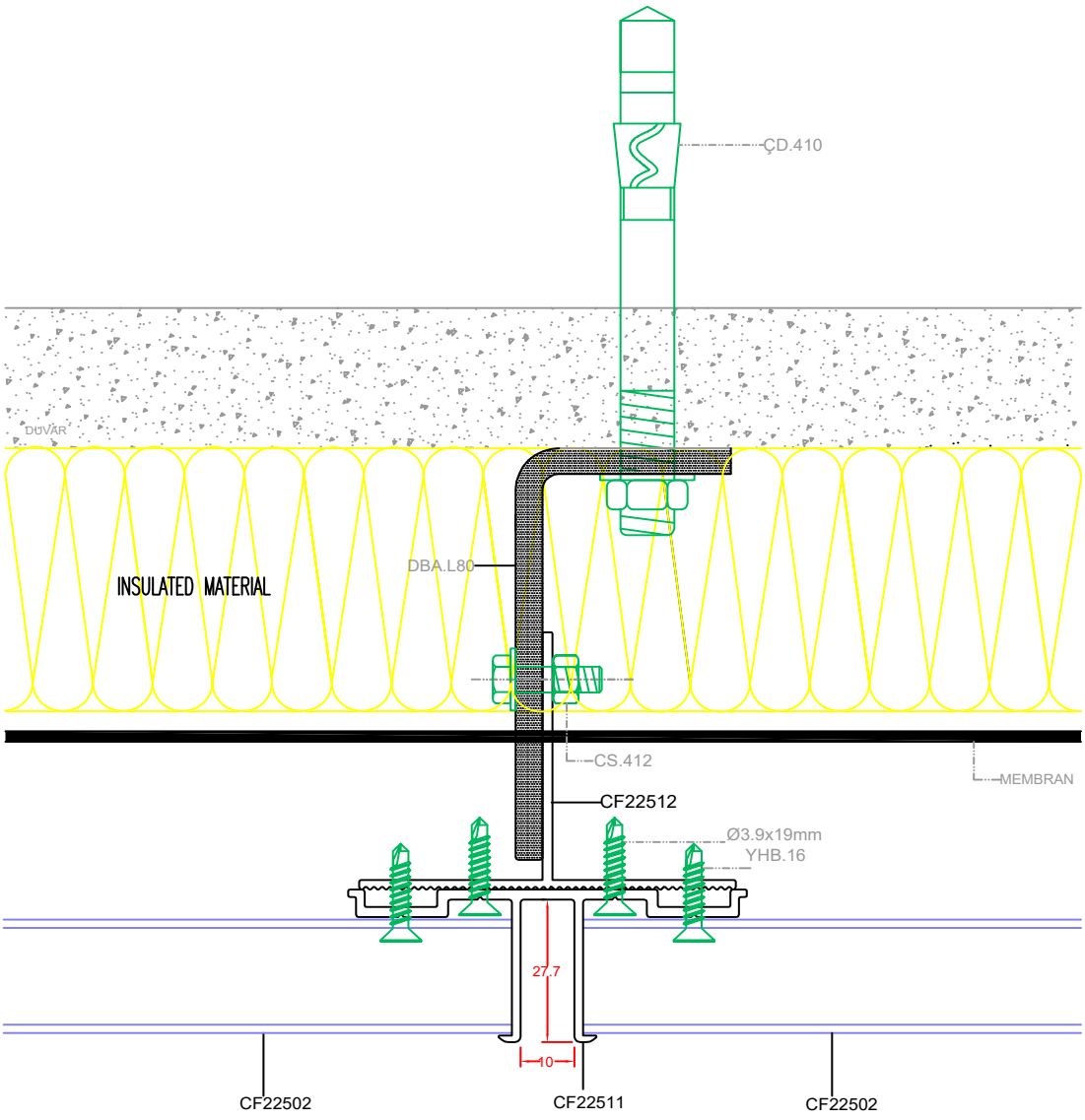

MEMBRAN
60208
9
CF22515
CF22511
INSULATED MATERIAL
CF22502
Ø3.9x19mm
YHB.16
CF22510
40.3


COMPOSITE PANEL
CF22517
CF22518
17,4
INSULATED MATERIAL
CF22502
CF22518


ÇD.410
INSULATED MATERIAL
MEMBRAN
CF22502
DUVAR
DBA.L80
CS.412
DBA.L80
CF22508
MEMBRAN
CS.412
Ø3.9x19mm
YHB.16
Ø3.9x19mm
YHB.16
35
CF22513
CF22502
35


Ø3.9x19mm
YHB.16
60208
CF22515
CF22511
Ø3.9x19mm
YHB.16
60208
INSULATED MATERIAL
CF22502
Ø3.9x19mm
3,62
Ø3.9x19mm
YHB.16
CYF.20
CF22502
CF22515
187.7
12
60


35
8
35
CF22508
CF22513
CS.412
Ø3.9x19mm
YHB.16
Ø3.9x19mm
YHB.16
INSULATED MATERIAL
CF22502
DBA.L80
CS.412
DBA.L80
DBA.L80
CS.412
CF22502
DBA.L80
CF22508
Ø3.9x19mm
YHB.16
Ø3.9x19mm
YHB.16
MEMBRAN
ÇD.410
CS.412
35
CF22513
CF22502
35





لاســتیک نصــب مولیــون

code :CYF20



لاســتیک نصــب مولیــون

code :60207



لاســتیک نصــب پانــل

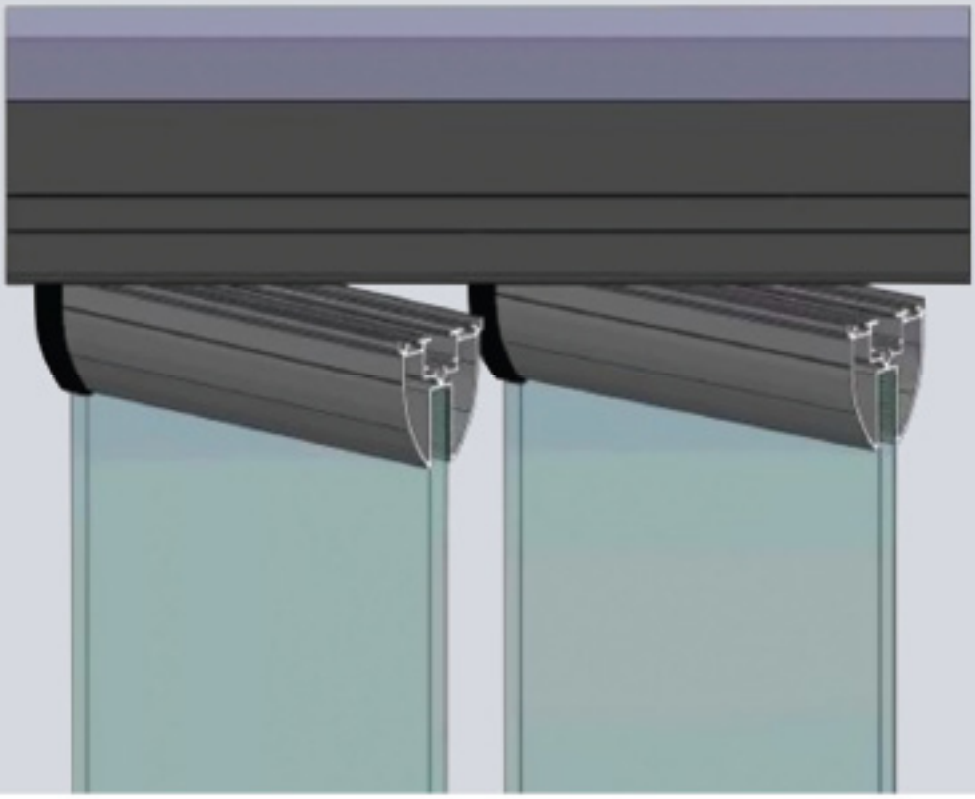
code :60208

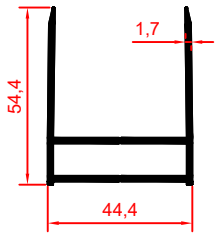
پروفیل‌های جام بالکـــــنی

مشخصـــات سیســـــتم

5 12

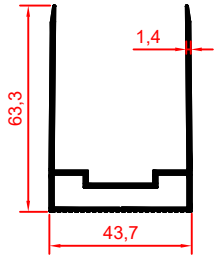
Glass Balustrade Profiles





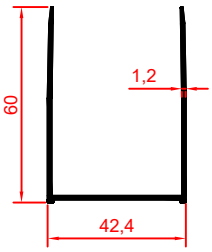
GB 24510

0.890 kg/m



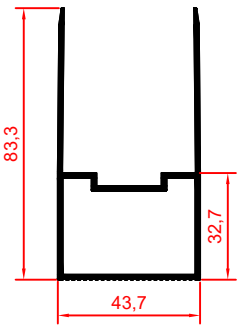
GB 24511

0.795 kg/m



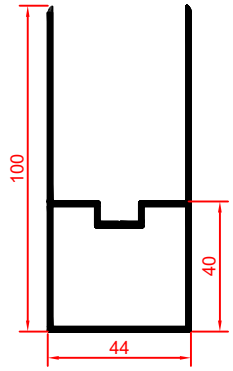
GB 24512

0.525 kg/m



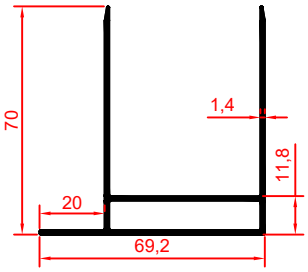
GB 24513

1.00 kg/m



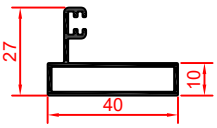
GB 25514

1.240 kg/m



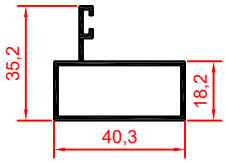
GB 24515

0.980 kg/m



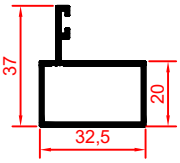
GB 24530

0.435 kg/m



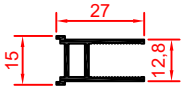
GB 24531

0.485 kg/m



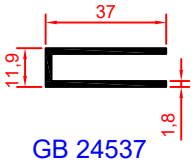
GB 24532

0.440 kg/m



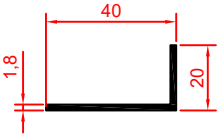
GB 24536

0.270 kg/m



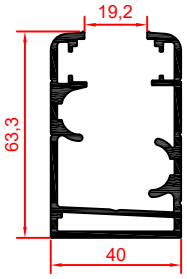
GB 24537

0.425 kg/m



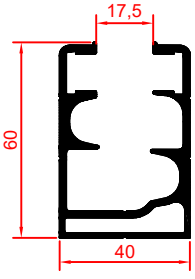
GB 24533

0.305 kg/m



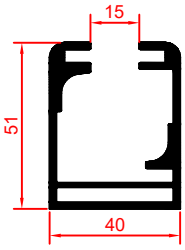
GB 24506

1.455 kg/m



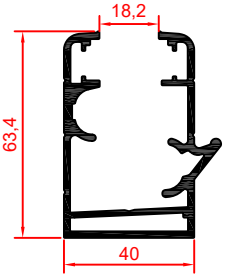
GB 24507

1.420 kg/m



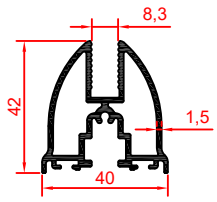
GB 24508

1.385 kg/m



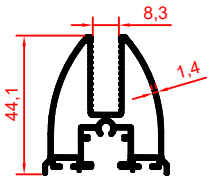
GB 24509

1.530 kg/m



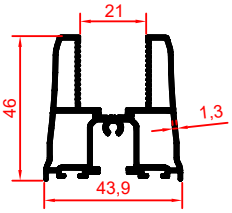
GB 24500

0.950 kg/m



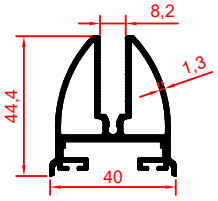
GB 24501

0.990 kg/m



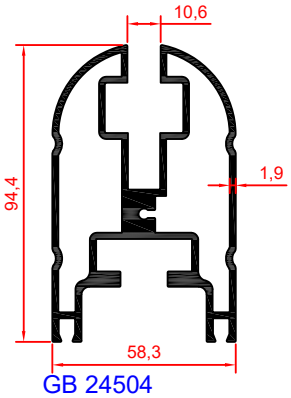
GB 24503

1.055 kg/m



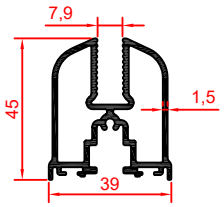
GB 24502

0.960 kg/m



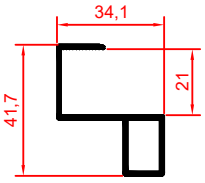
GB 24504

3.050 kg/m



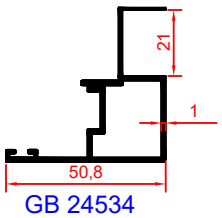
GB 24505

1.055 kg/m



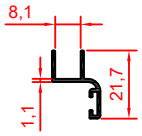
GB 24535

0.430 kg/m



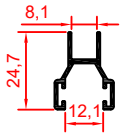
GB 24534

0.680 kg/m



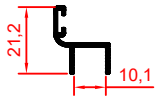
GB 24516

0.160 kg/m



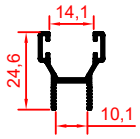
GB 24517

0.225 kg/m



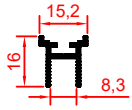
GB 24518

0.165 kg/m



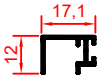
GB 24519

0.245 kg/m



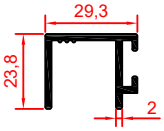
GB 24520

0.170 kg/m



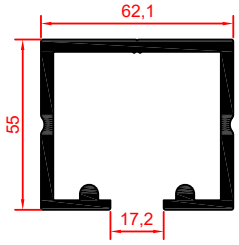
GB 24522

0.145 kg/m



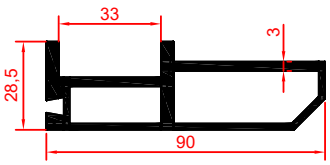
GB 24521

0.125 kg/m



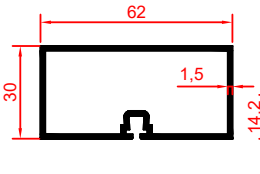
GB 24528

2.310 kg/m



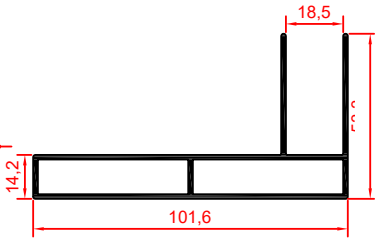
GB 24529

1.880 kg/m



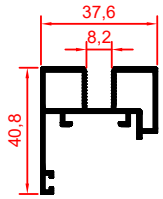
GB 24524

0.800 kg/m



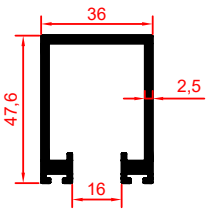
GB 24527

1.340 kg/m



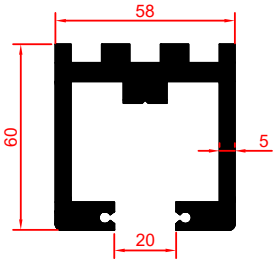
GB 24523

0.590 kg/m



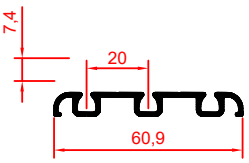
GB 24526

1.115 kg/m



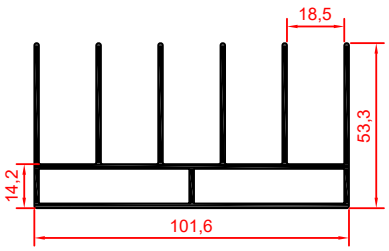
GB 24525

3.660 kg/m



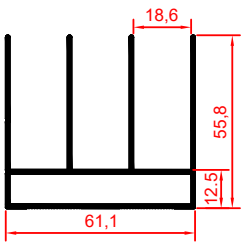
GB 24542

0.420 kg/m



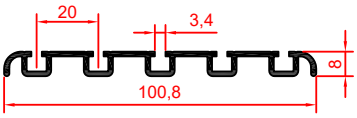
GB 24553

2.050 kg/m



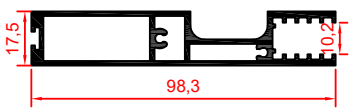
GB 24554

1.170 kg/m



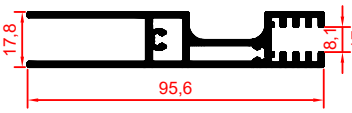
GB 24541

0.785 kg/m



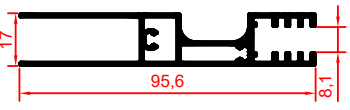
GB 24540

1.360 kg/m



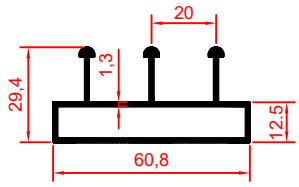
GB 24538

1.370 kg/m



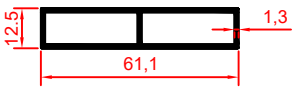
GB 24539

1.125 kg/m



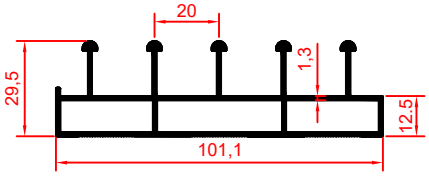
GB 24546

0.755 kg/m



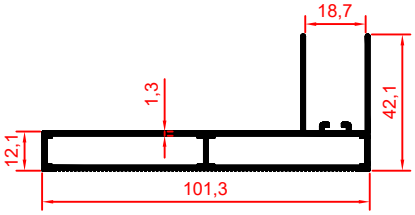
GB 24547

0.555 kg/m



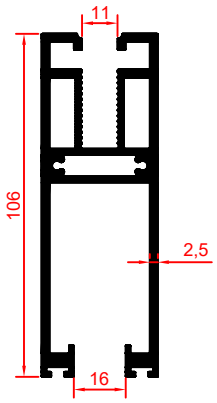
GB 24548

1.275 kg/m



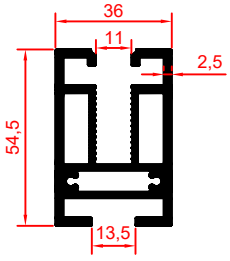
GB 24543

1.130 kg/m



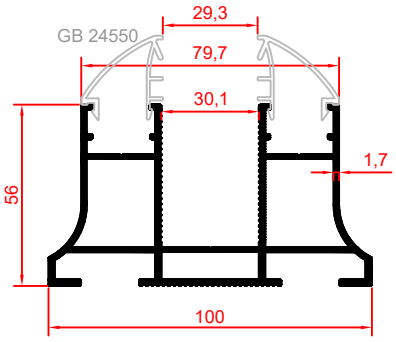
GB 24545

2.690 kg/m



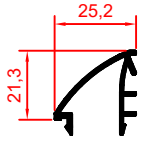
GB 24544

1.860 kg/m



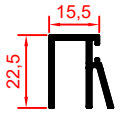
GB 24552

2.025 kg/m



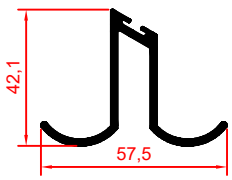
GB 24550

0.280 kg/m



GB 24549

0.320 kg/m



GB 24551

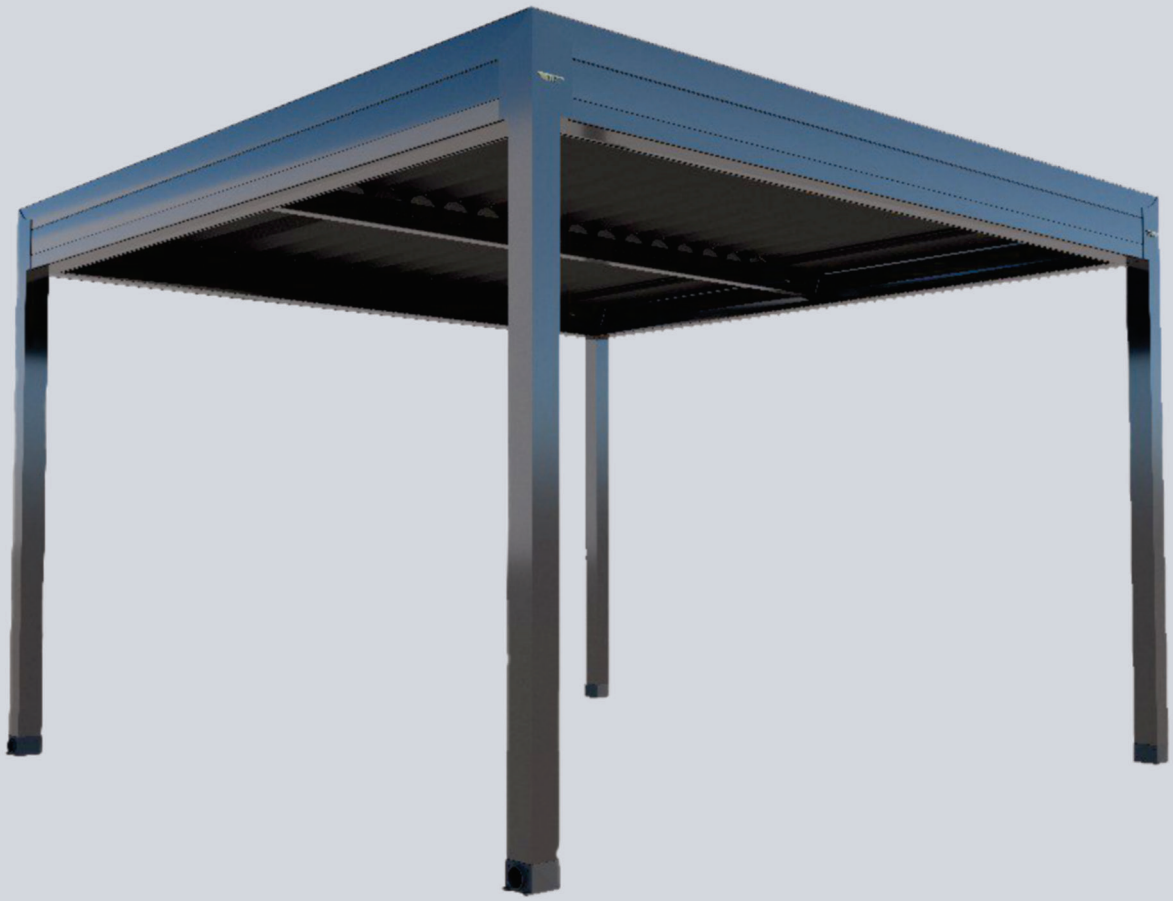
0.725 kg/m

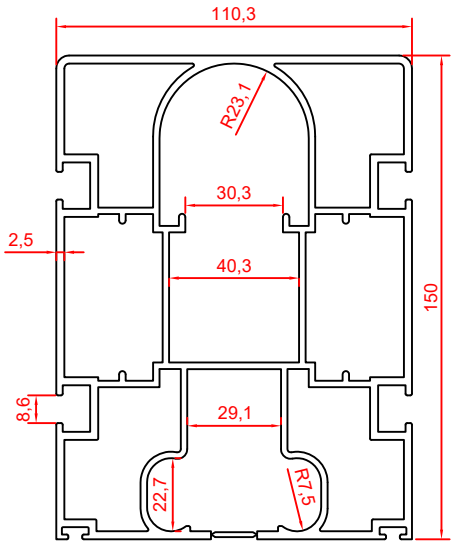
پزوفیل‌های سقف متحرک

مشخصـــات سیســـــتم

13

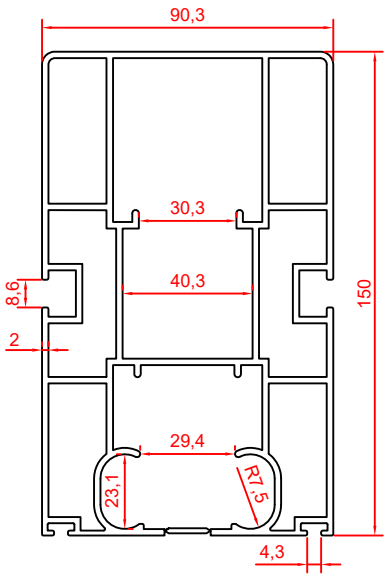
Sliding roof Profiles





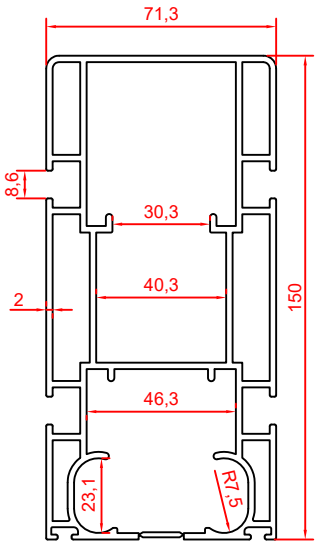
AP 24000

7.050 kg/m



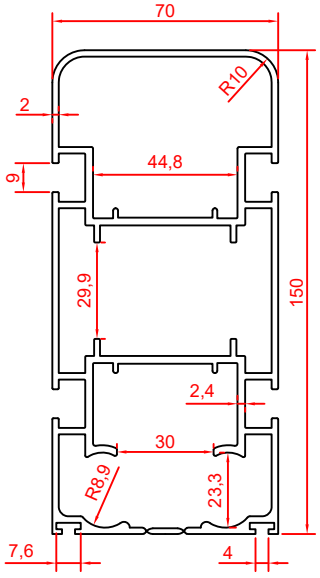
AP 24001

5.536 kg/m



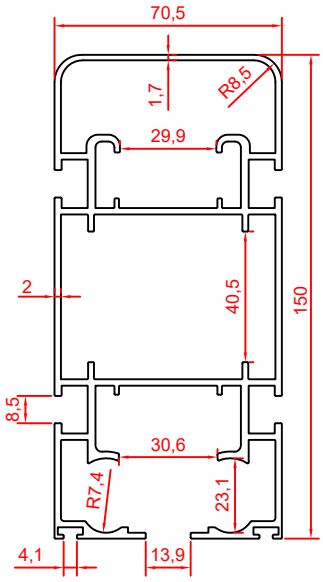
AP 24002

4.748 kg/m



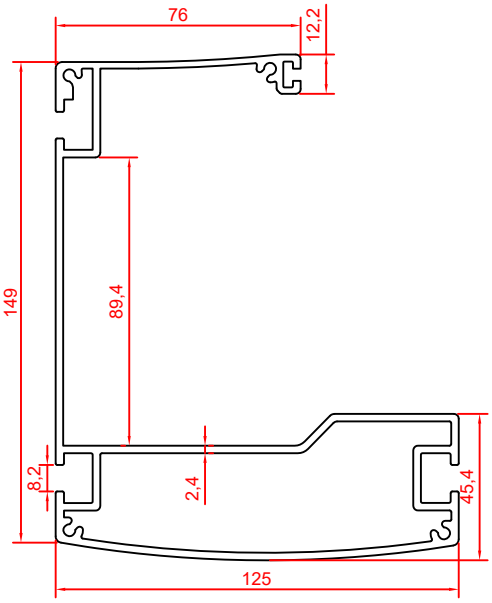
AP 24003

4.186 kg/m



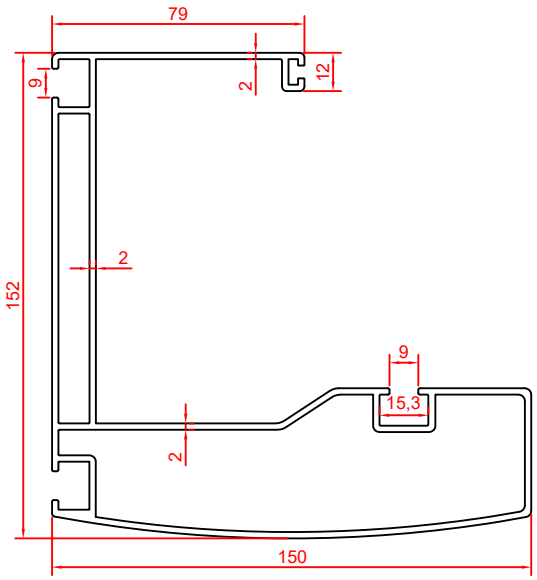
AP 24004

4.037 kg/m



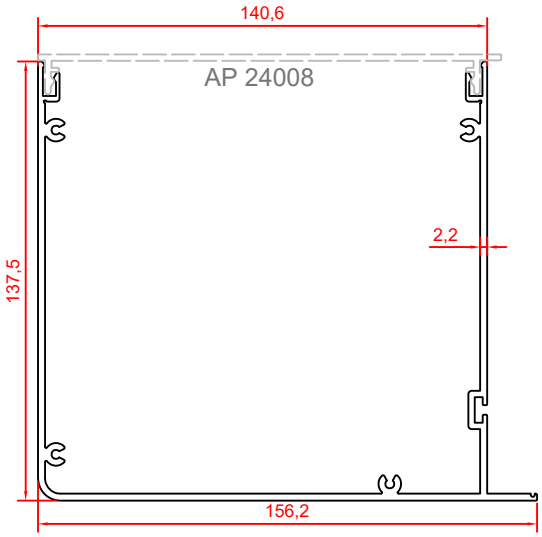
AP 24005

4.078 kg/m



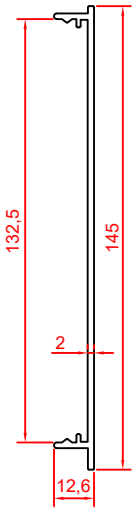
AP 24006

4.150 kg/m



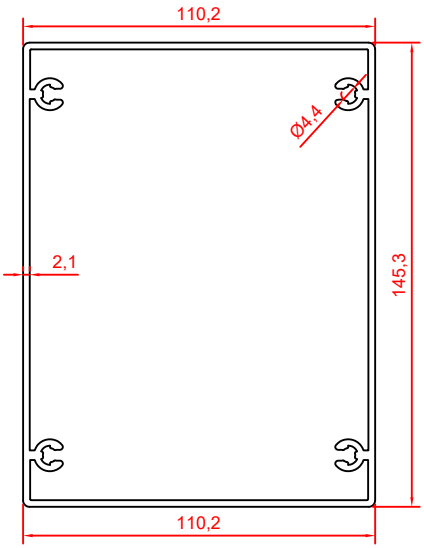
AP 24007

3.00 kg/m



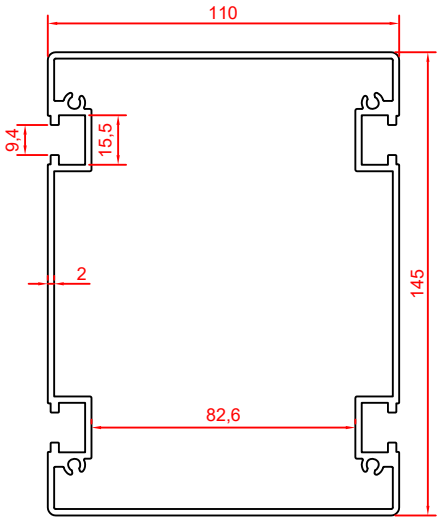
AP 24008

0.937 kg/m



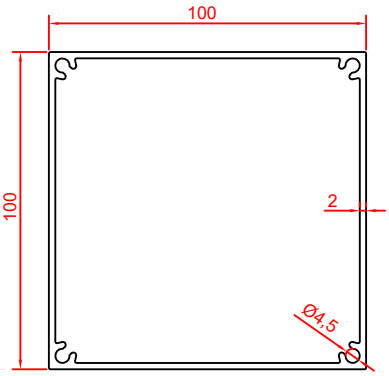
AP 24009

3.512 kg/m



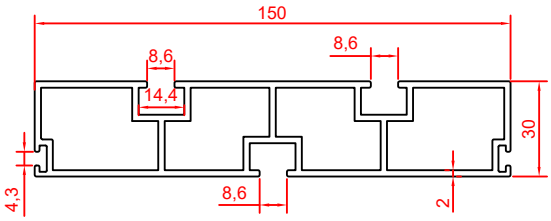
AP 24010

3.620 kg/m



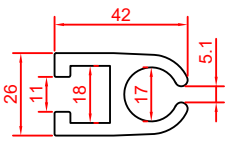
AP 24015

2.353 kg/m



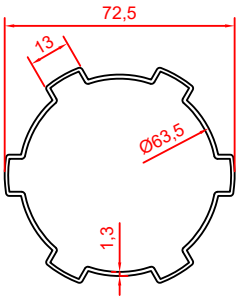
AP 24016

2.719 kg/m



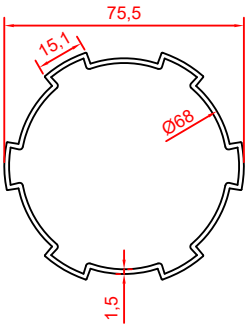
AP 24019

1.390 kg/m



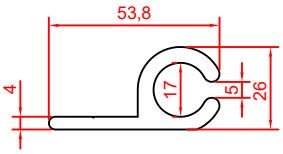
AP 24011

0.860 kg/m



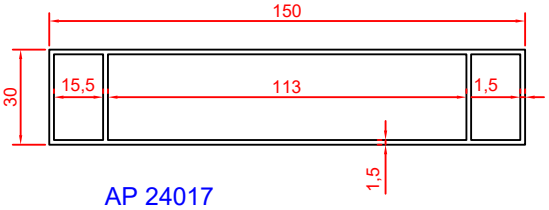
AP 24012

1.097 kg/m



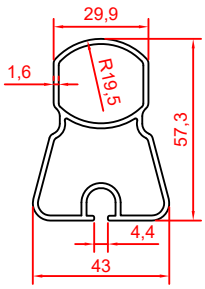
AP 24018

1.240 kg/m



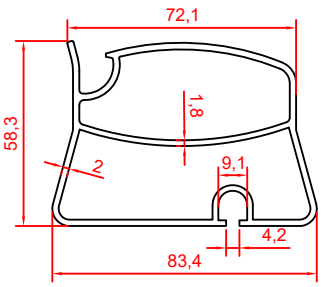
AP 24017

1.700 kg/m



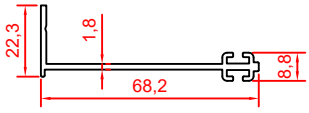
AP 24013

0.973 kg/m



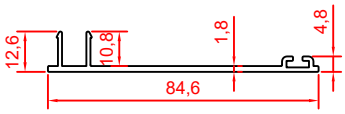
AP 24014

1.926 kg/m



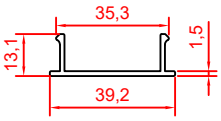
AP 24023

0.520 kg/m



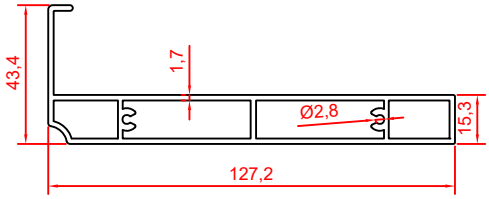
AP 24021

0.530 kg/m



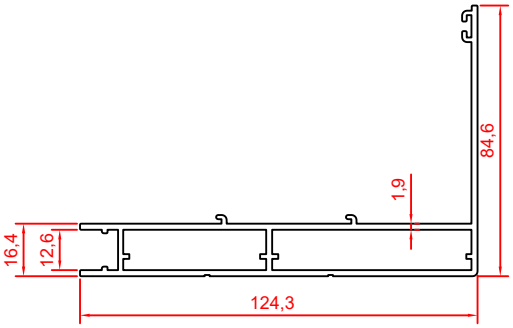
AP 24022

0.262 kg/m



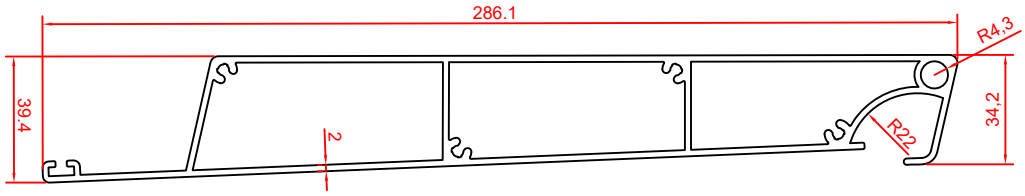
AP 24024

1.704 kg/m



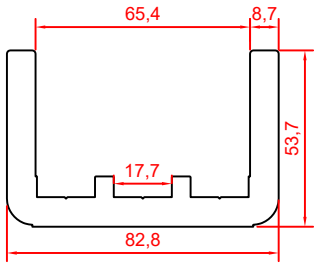
AP 24025

1.970 kg/m



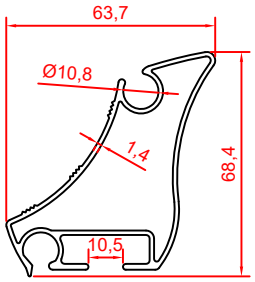
AP 24020

3.862 kg/m



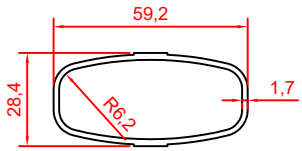
AP 24032

4.346 kg/m



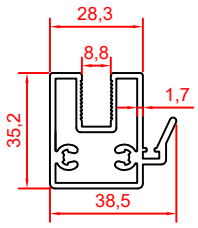
AP 24033

1.102 kg/m



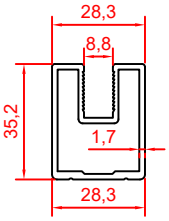
AP 24034

0.710 kg/m



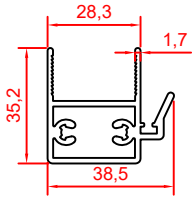
AP 24026

0.990 kg/m



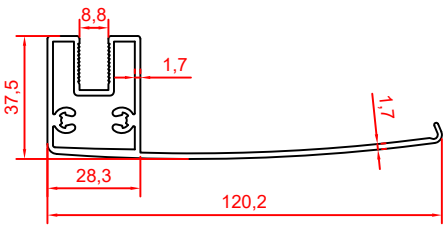
AP 24027

0.736 kg/m



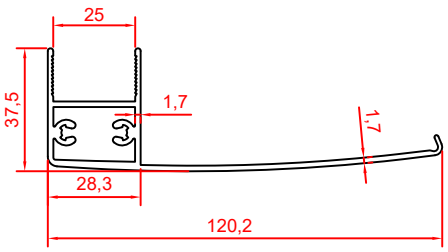
AP 24028

0.830 kg/m



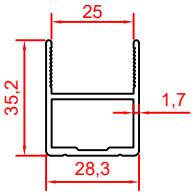
AP 24030

1.375 kg/m



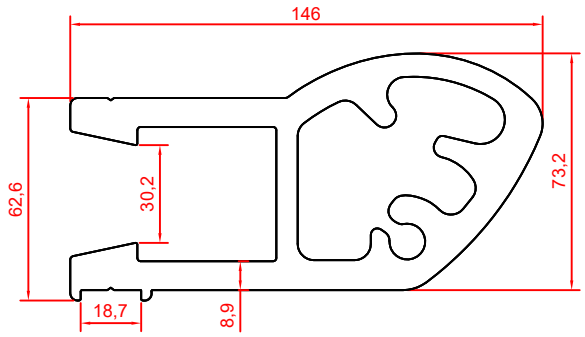
AP 24031

1.112 kg/m



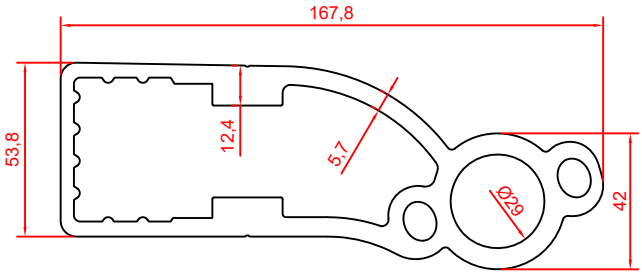
AP 24029

0.576 kg/m



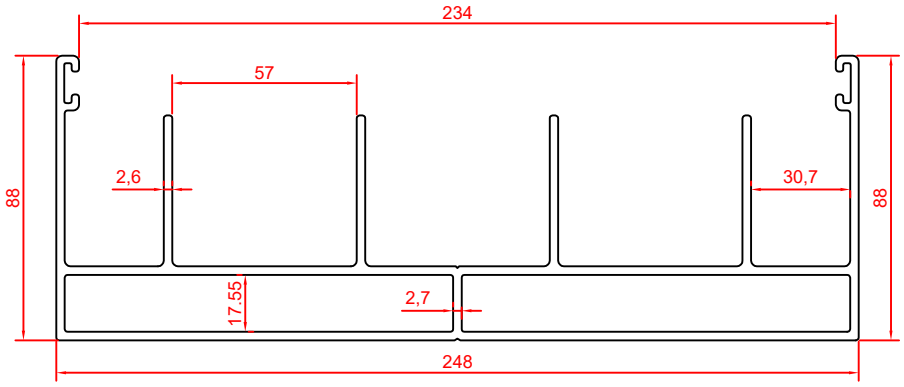
AP 24035

10.480 kg/m



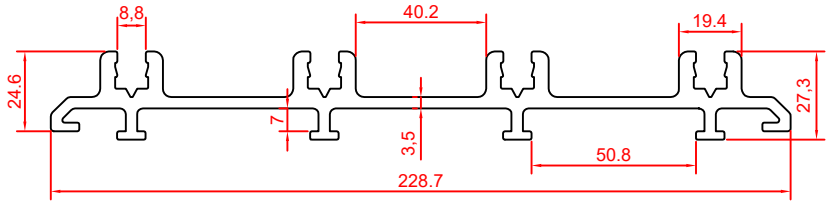
AP 24036

7.845 kg/m



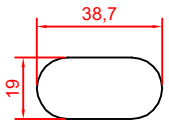
AP 24037

6.556 kg/m



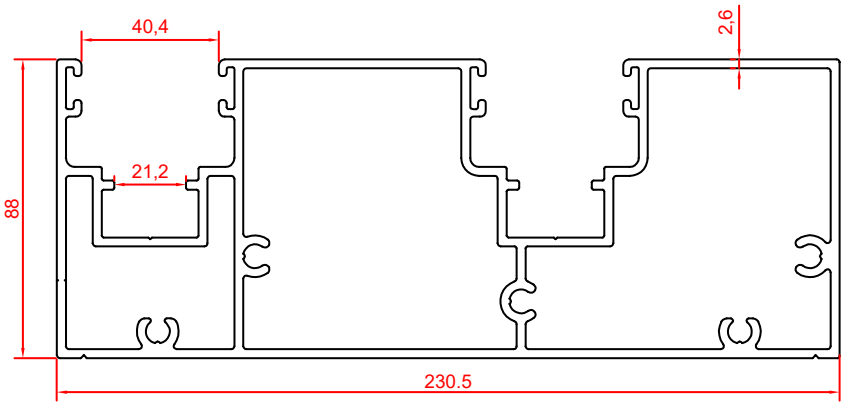
AP 24038

4.700 kg/m



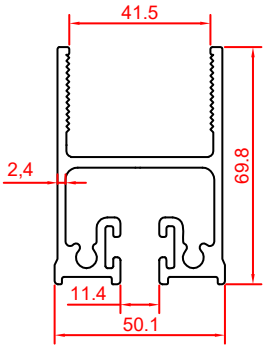
AP 24044

1.825 kg/m



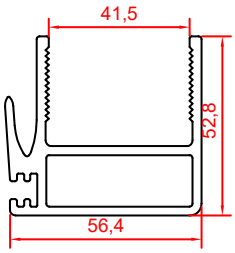
AP 24039

7.680 kg/m



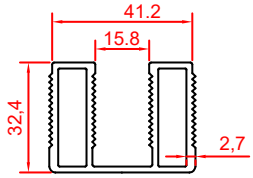
AP 24040

0.730 kg/m



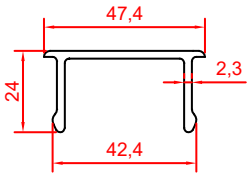
AP 24041

0.620 kg/m



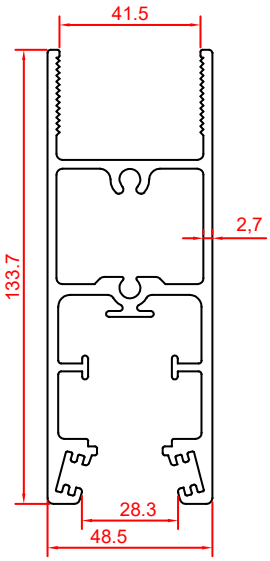
AP 24045

1.040 kg/m



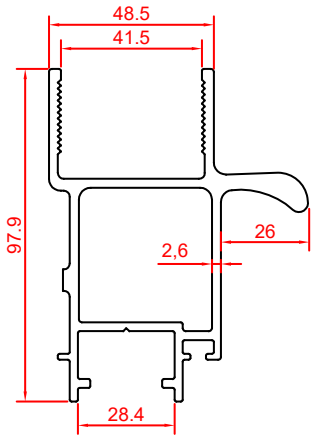
AP 24042

0.175 kg/m



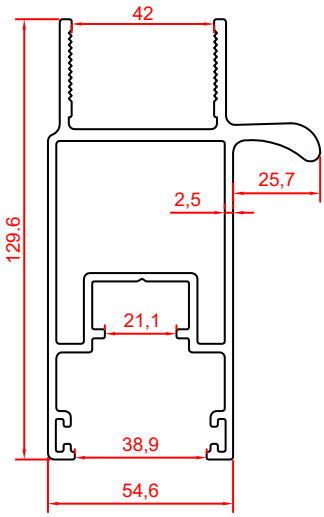
AP 24043

3.900 kg/m



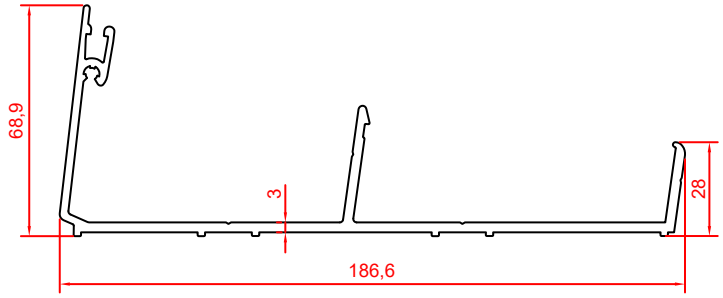
AP 24046

2.785 kg/m



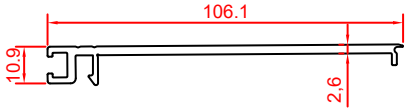
AP 24047

3.675 kg/m



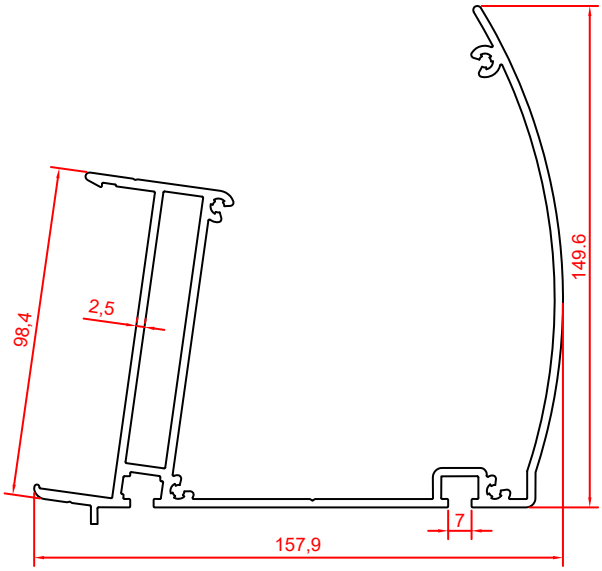
AP 24048

2.600 kg/m



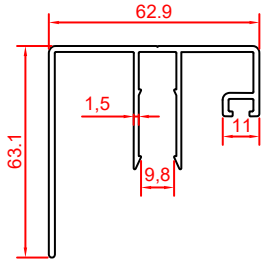
AP 24049

0.900 kg/m



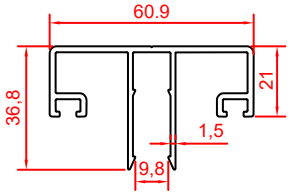
AP 24050

4.185 kg/m



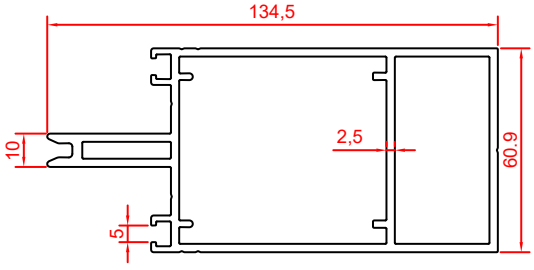
AP 24051

1.112 kg/m



AP 24052

0.955 kg/m



AP 24053

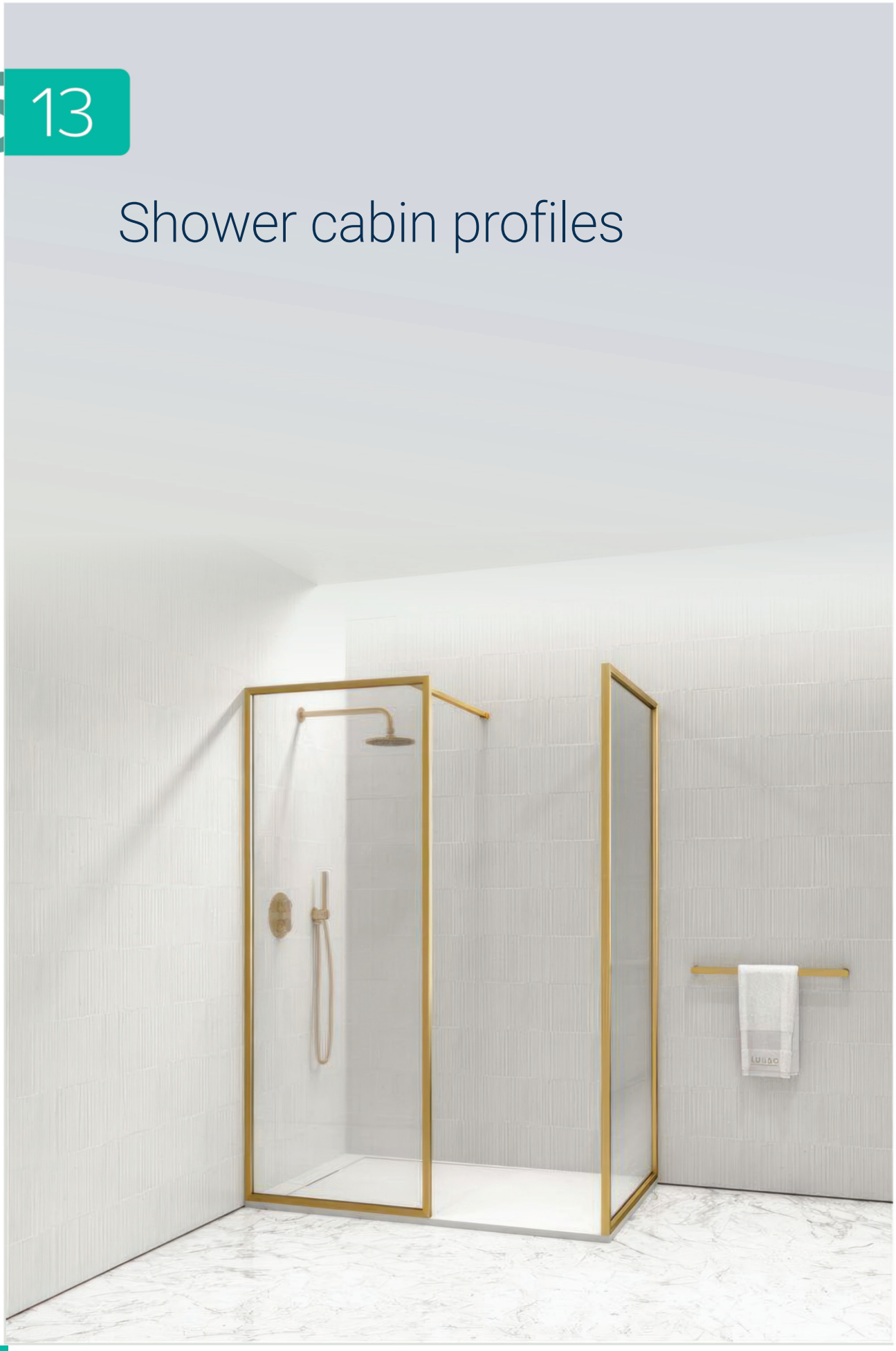
3.345 kg/m

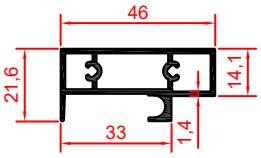
پروفیل‌های کابین دوش

مشخصـــات سیســـــتم

13

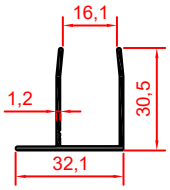
Shower cabin profiles





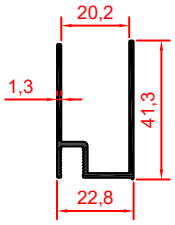
SC 27000

0.660 kg/m



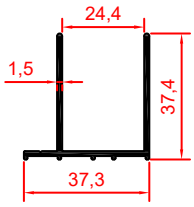
SC 27001

0.300 kg/m



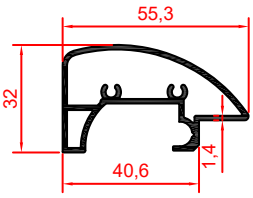
SC 27002

0.390 kg/m



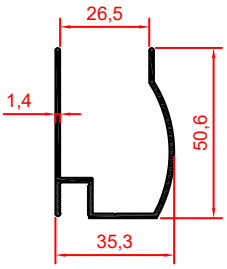
SC 27003

0.460 kg/m



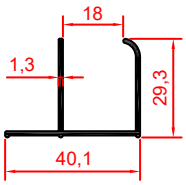
SC 27004

0.770 kg/m



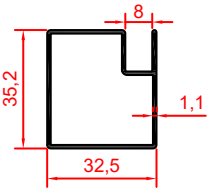
SC 27005

0.540 kg/m



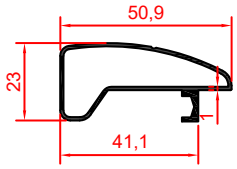
SC 27012

0.340 kg/m



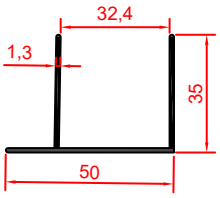
SC 27013

0.425 kg/m



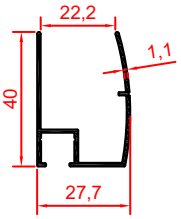
SC 27014

0.430 kg/m



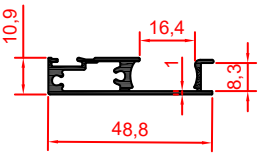
SC 27015

0.425 kg/m



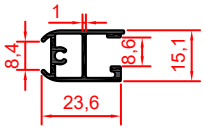
SC 27016

0.355 kg/m



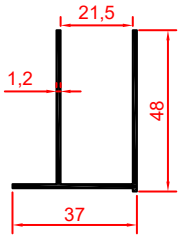
SC 27006

0.425 kg/m



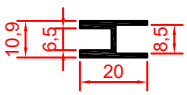
SC 27007

0.280 kg/m



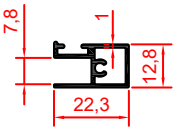
SC 27008

0.435 kg/m



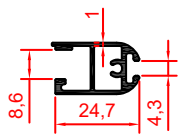
SC 27009

0.215 kg/m



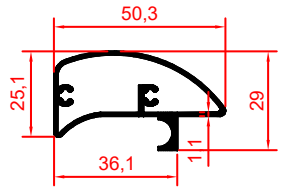
SC 27010

0.235 kg/m



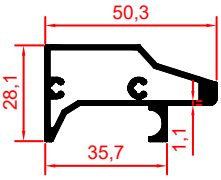
SC 27011

0.300 kg/m



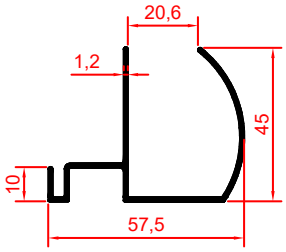
SC 27026

0.525 kg/m



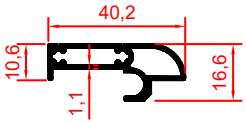
SC 27027

0.680 kg/m



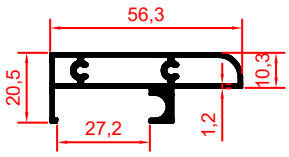
SC 27028

0.540 kg/m



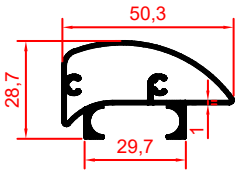
SC 27024

0.410 kg/m



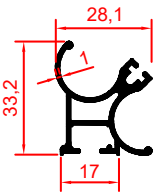
SC 27025

0.635 kg/m



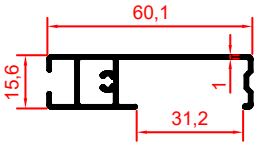
SC 27031

0.595 kg/m



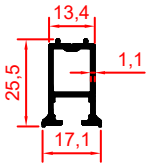
SC 27032

0.425 kg/m



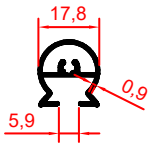
SC 27033

0.425 kg/m



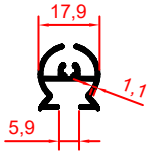
SC 27034

0.270 kg/m



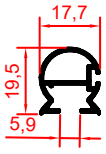
SC 27035

0.230 kg/m



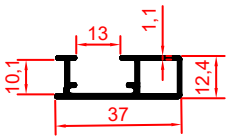
SC 27036

0.250 kg/m



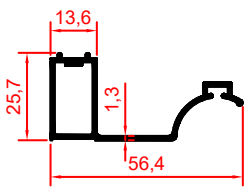
SC 27037

0.225 kg/m



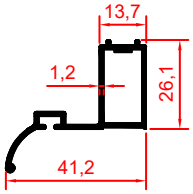
SC 27038

0.290 kg/m



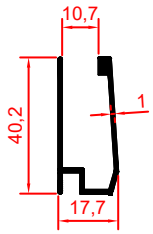
SC 27039

0.470 kg/m



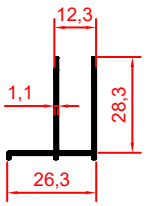
SC 27040

0.425 kg/m



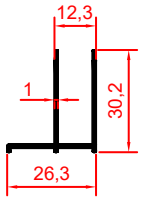
SC 27017

0.325 kg/m



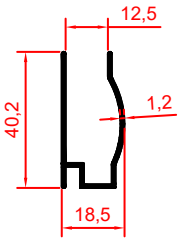
SC 27018

0.260 kg/m



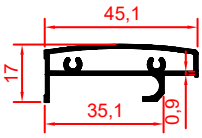
SC 27020

0.250 kg/m



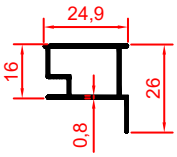
SC 27019

0.310 kg/m



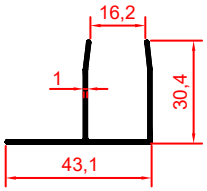
SC 27041

0.370 kg/m



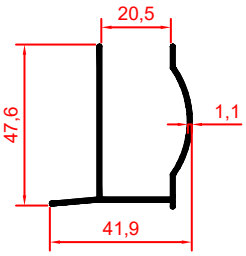
SC 27042

0.210 kg/m



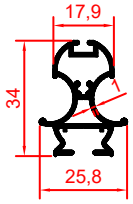
SC 27043

0.285 kg/m



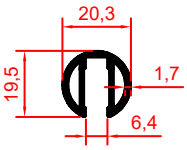
SC 27044

0.440 kg/m



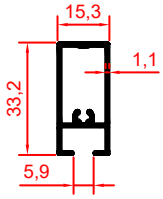
SC 27045

0.430 kg/m



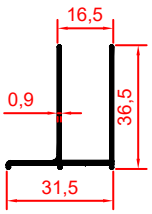
SC 27046

0.360 kg/m



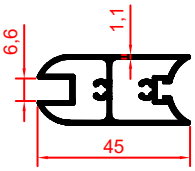
SC 27047

0.345 kg/m



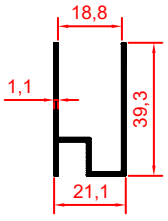
SC 27048

0.280 kg/m



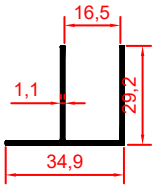
SC 27049

0.615 kg/m



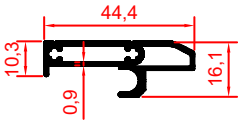
SC 27021

0.325 kg/m



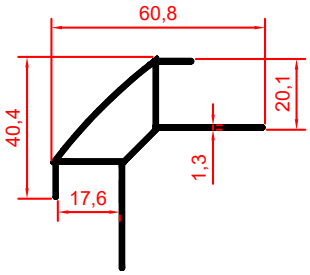
SC 27022

0.280 kg/m



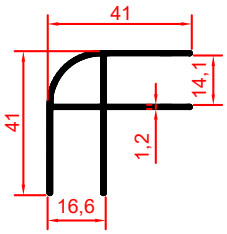
SC 27023

0.465 kg/m



SC 27029

0.575 kg/m



SC 27030

0.510 kg/m

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06 انرژی خورشیدی/ Solar Truk profiles

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1

Industry

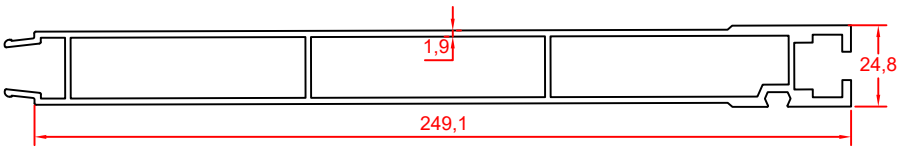
صنعت

پروفیل های تریلی

مشخصـــات سیســـــتم

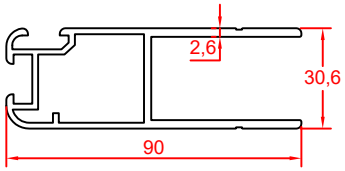
01

Trailer Truck Profiles



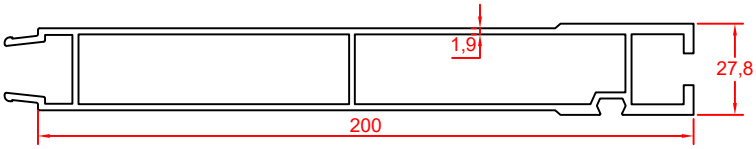
TR 29500

4.330 kg/m



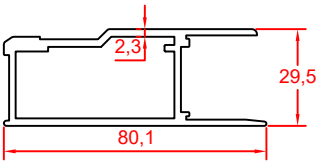
TR 29515

1.520 kg/m



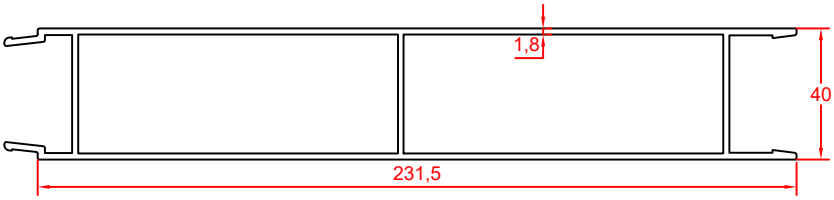
TR 29501

2.930 kg/m



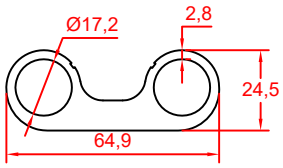
TR 29516

1.330 kg/m



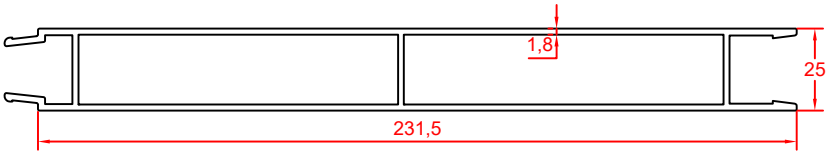
TR 29502

3.120 kg/m



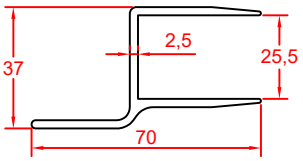
TR 29517

1.854 kg/m



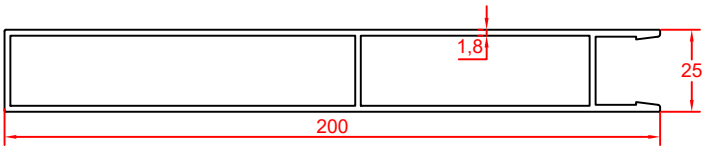
TR 29503

2.900 kg/m



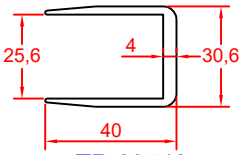
TR 29546

0.940 kg/m



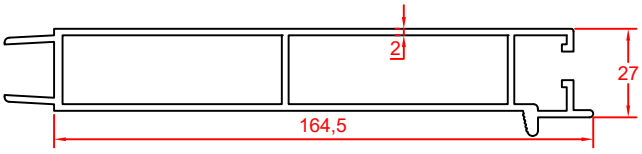
TR 29504

2.370 kg/m



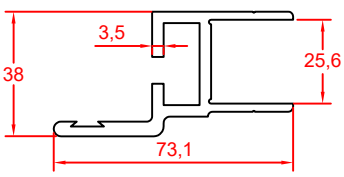
TR 29548

0.777 kg/m



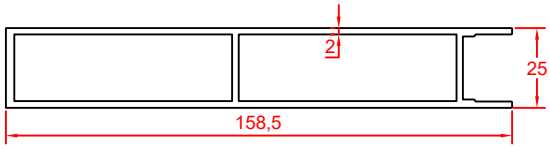
TR 29505

2.530 kg/m



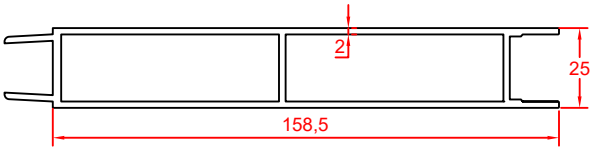
TR 29547

1.510 kg/m



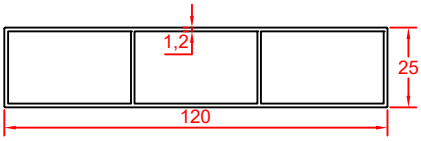
TR 29506

2.205 kg/m



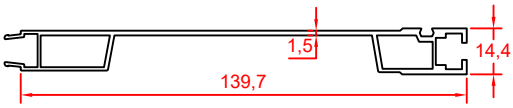
TR 29507

2.330 kg/m



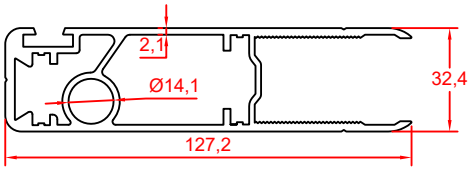
TR 29508

1.090 kg/m



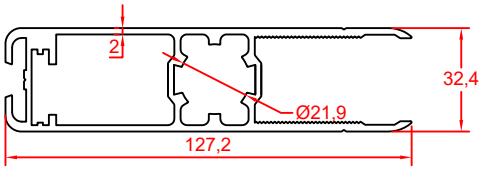
TR 29513

4.065 kg/m



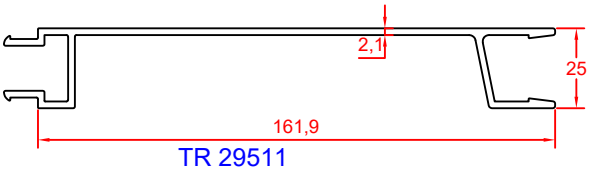
TR 29509

2.585 kg/m



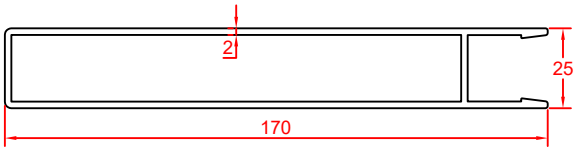
TR 29510

2.500 kg/m



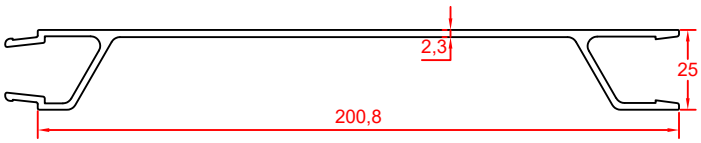
TR 29511

1.570 kg/m



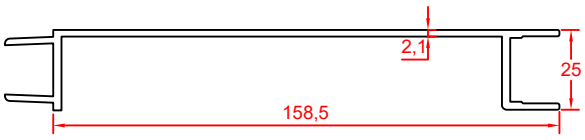
TR 29512

2.200 kg/m



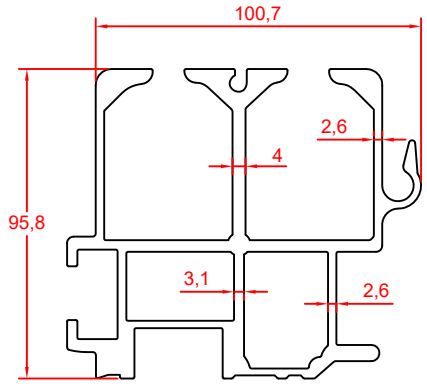
TR 29518

1.885 kg/m



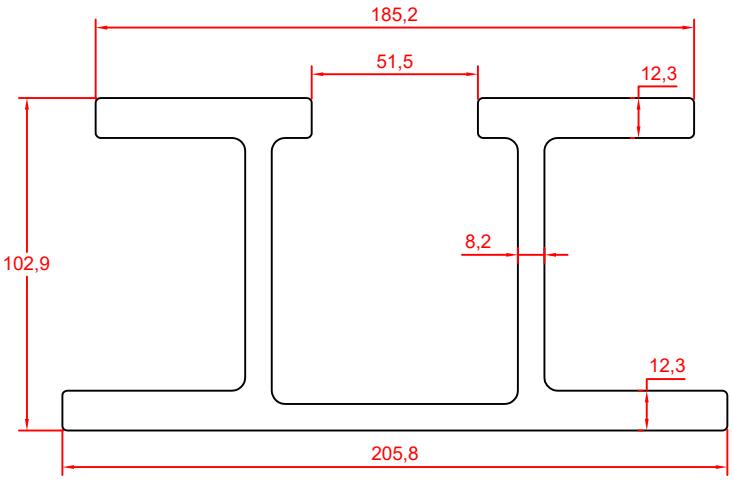
TR 29519

1.515 kg/m



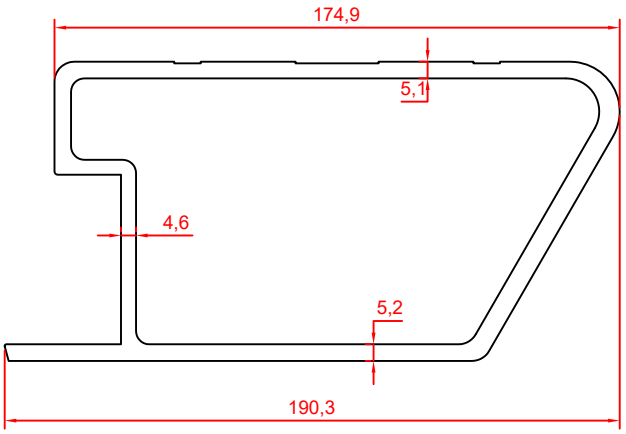
TR 29514

5.700 kg/m



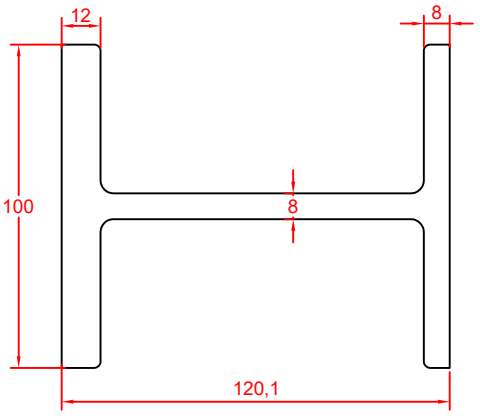
TR 29520

3.350 kg/m



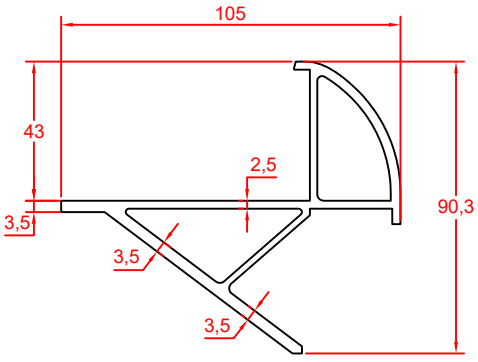
TR 29521

7.000 kg/m



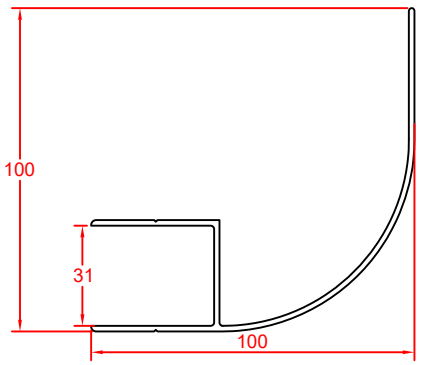
TR 29522

7.800 kg/m



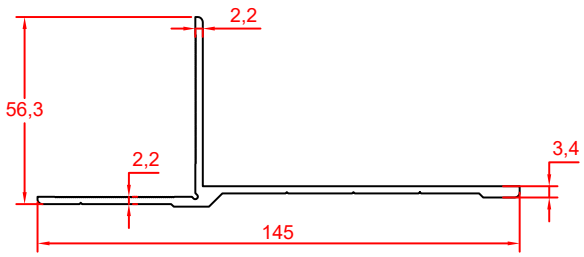
TR 29523

9.750 kg/m



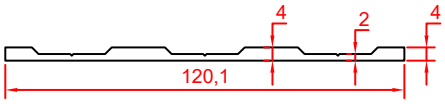
TR 29524

1.270 kg/m



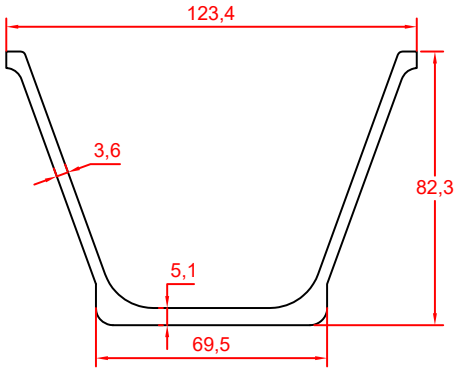
TR 29526

1.300 kg/m



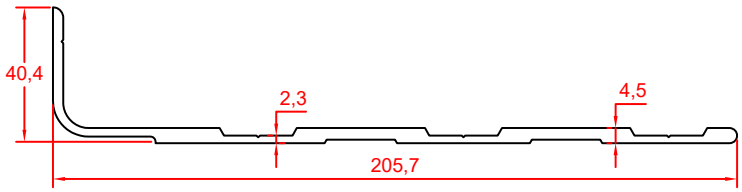
TR 29527

0.970 kg/m



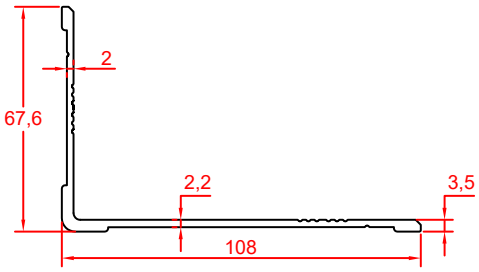
TR 29528

2.710 kg/m



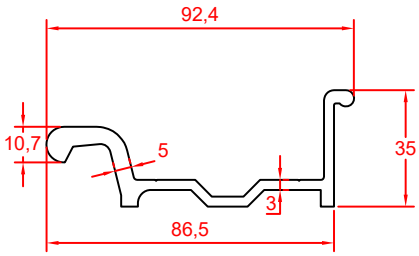
TR 29529

2.040 kg/m



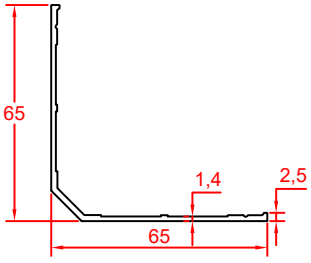
TR 29530

1.150 kg/m



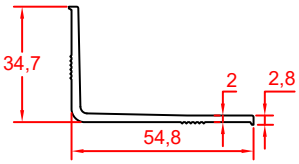
TR 29525

2.040 kg/m



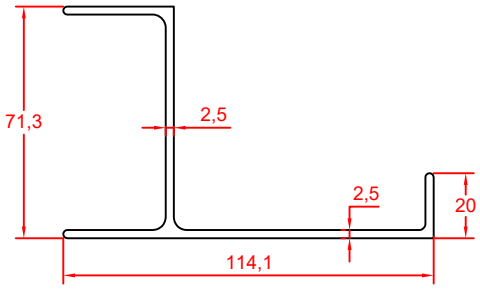
TR 29531

0.540 kg/m



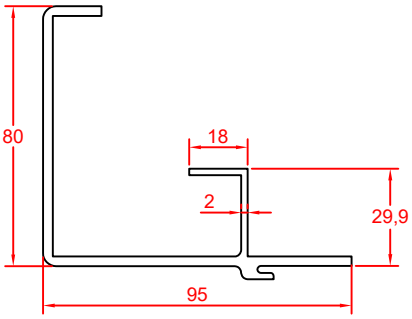
TR 29532

0.550 kg/m



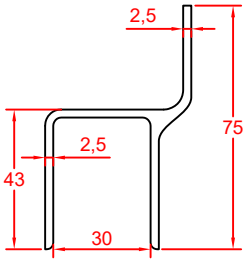
TR 29533

1.660 kg/m



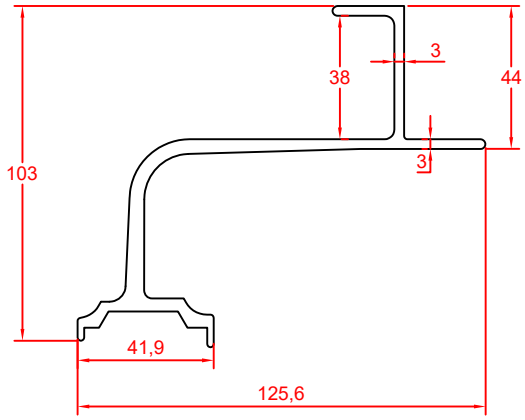
TR 29534

1.900 kg/m



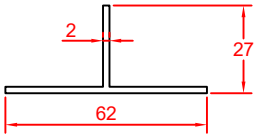
TR 29538

1.135 kg/m



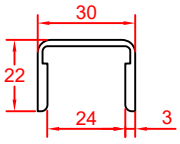
TR 29535

2.755 kg/m



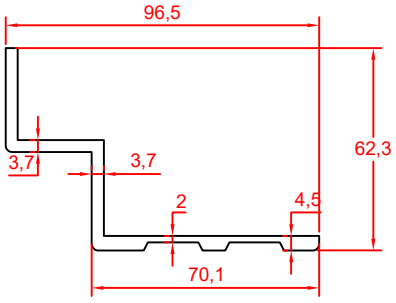
TR 29536

0.495 kg/m



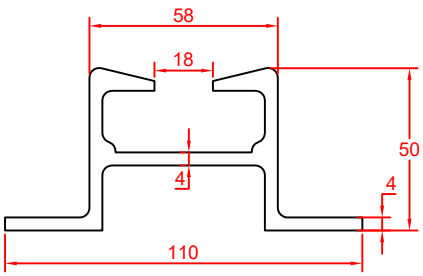
TR 29537

0.440 kg/m



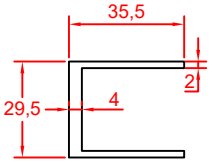
TR 29549

1.515 kg/m



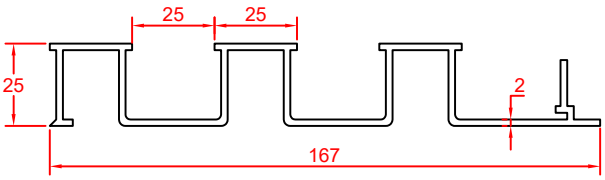
TR 29541

2.790 kg/m



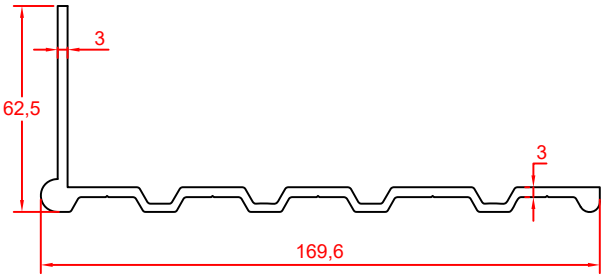
TR 29539

0.685 kg/m



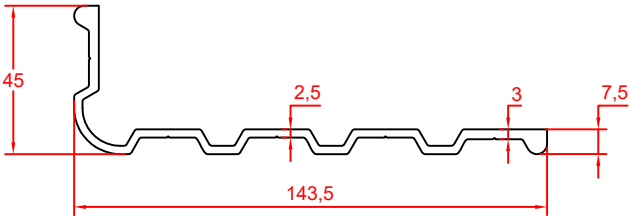
TR 29544

1.900 kg/m



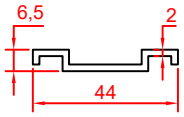
TR 29545

2.170 kg/m



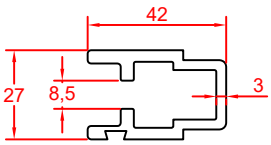
TR 29543

1.635 kg/m



TR 29542

0.325 kg/m



TR 29540

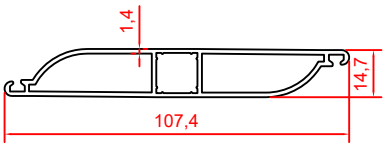
1.066 kg/m

پروفیل های تهویه ای

مشخصـــات سیســـــتم

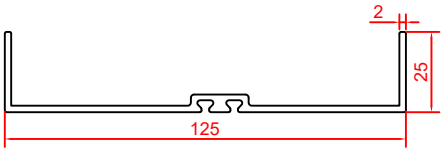
02

Vent Profiles



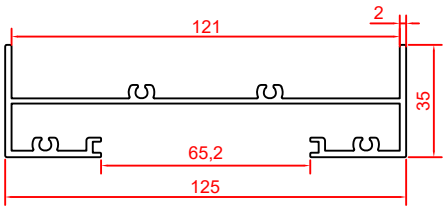
CO 29000

0.970 kg/m



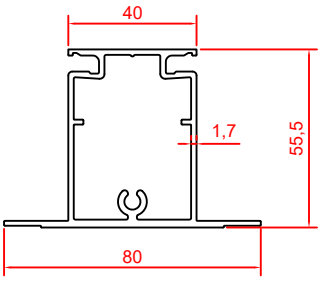
CO 29001

1.050 kg/m



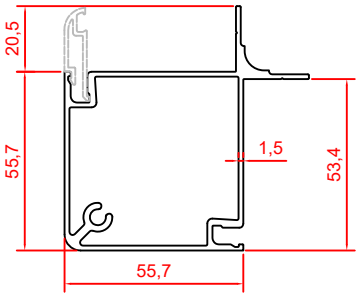
CO 29002

1.505 kg/m



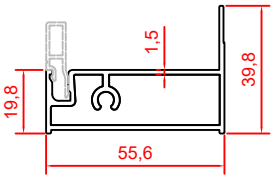
CO 29003

1.380 kg/m



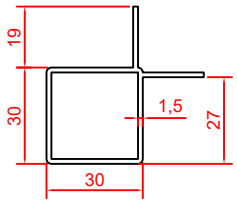
CO 29004

1.450 kg/m



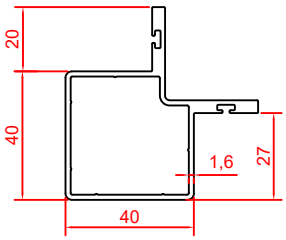
CO 29005

0.845 kg/m



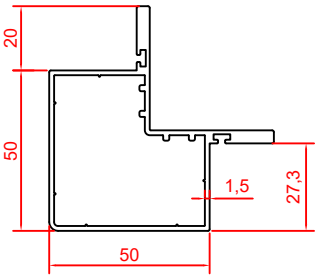
CO 29024

0.630 kg/m



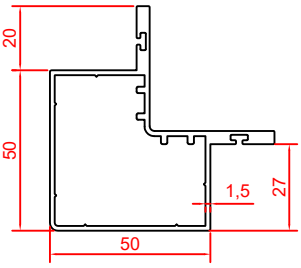
CO 29010

1.060 kg/m



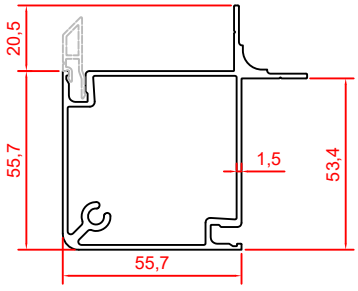
CO 29012

1.230 kg/m



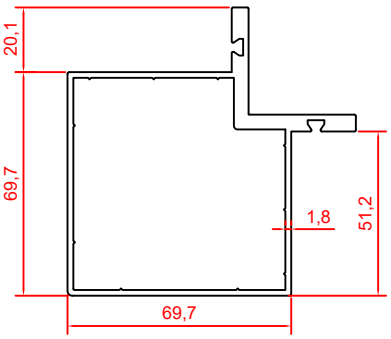
CO 29009

1.260 kg/m



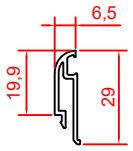
CO 29006

1.060 kg/m

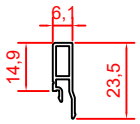


CO 29011

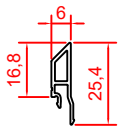
2.090 kg/m



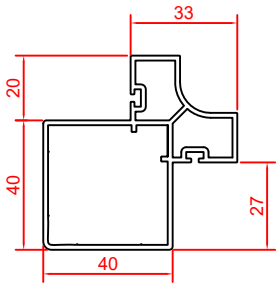
CO 29027
0.210 kg/m



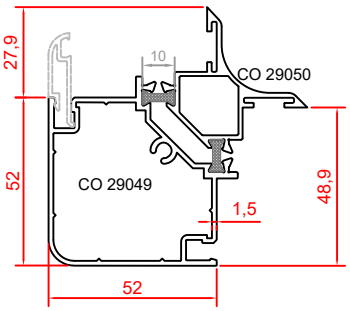
CO 29007
0.140 kg/m



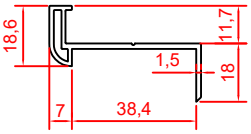
CO 29008
0.150 kg/m



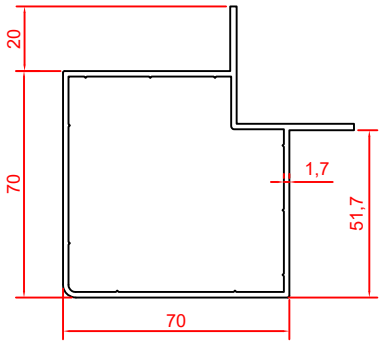
CO 29015
1.155 kg/m



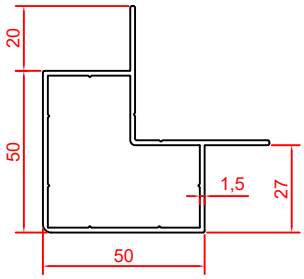
CO 29049-29050
1.710 kg/m



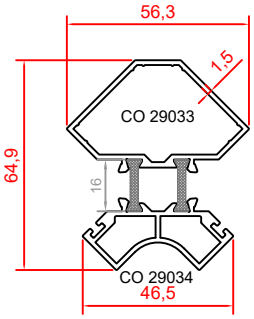
CO 29026
0.425 kg/m



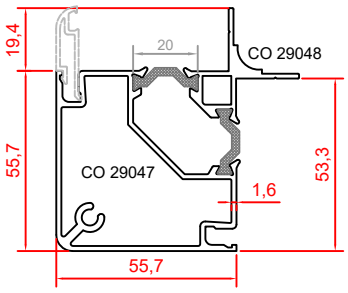
CO 29018
1.510 kg/m



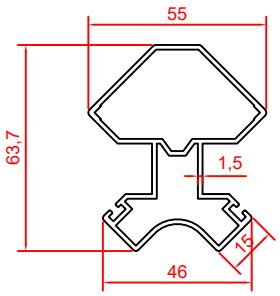
CO 29019
0.775 kg/m



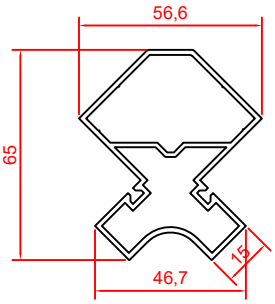
CO 29033-29034
1.280 kg/m



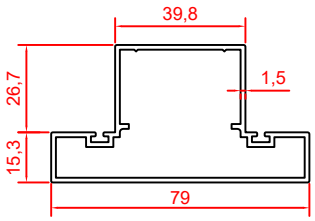
CO 29047-29048
1.725 kg/m



CO 29016
1.125 kg/m

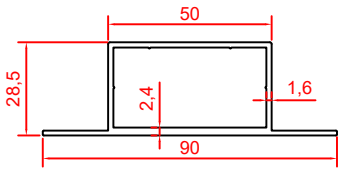


CO 29017
1.195 kg/m



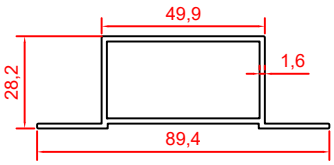
CO 29014

1.045 kg/m



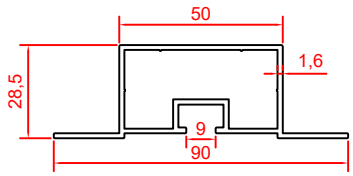
CO 29021

0.945 kg/m



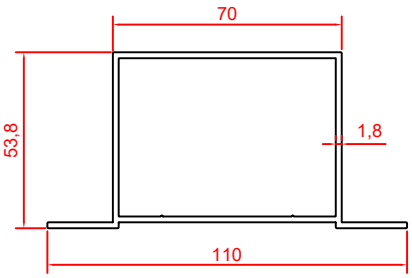
CO 29022

0.835 kg/m



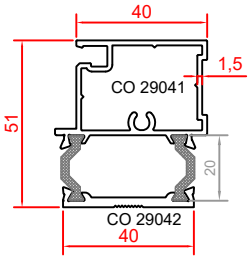
CO 29023

0.915 kg/m



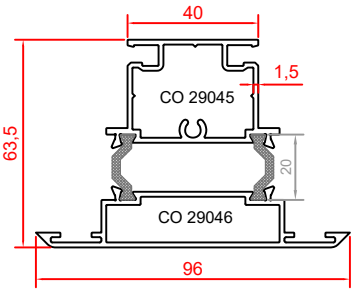
CO 29020

1.400 kg/m



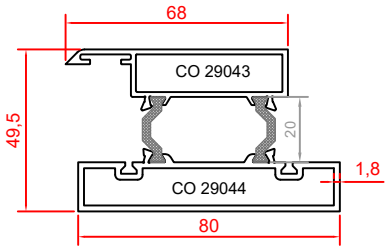
CO 29041-29042

1.135 kg/m



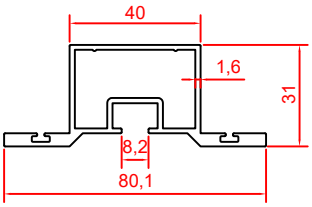
CO 29045-29046

1.720 kg/m



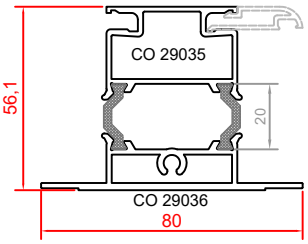
CO 29043-29044

1.765 kg/m



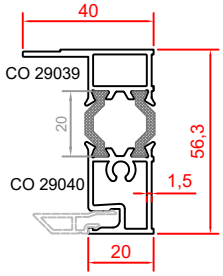
CO 29013

1.080 kg/m



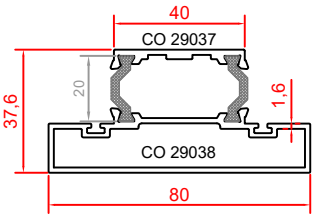
CO 29035-29036

1.580 kg/m



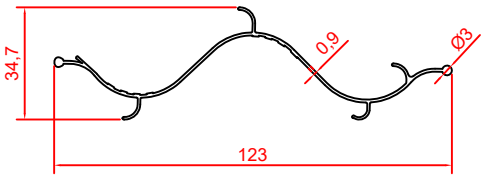
CO 29039-29040

0.970 kg/m



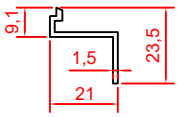
CO 29037-29038

1.300 kg/m



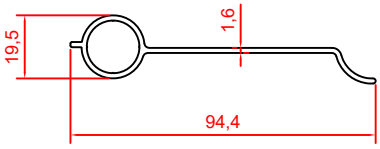
CO 29025

0.485 kg/m



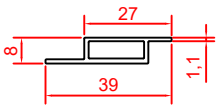
CO 29031

0.195 kg/m



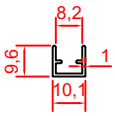
CO 29032

0.610 kg/m



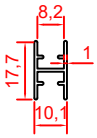
CO 29030

0.255 kg/m



CO 29028

0.090 kg/m



CO 29029

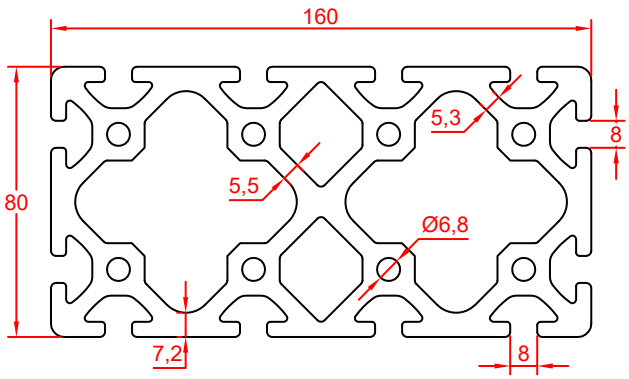
0.135 kg/m

پروفیل‌های مهندسی

مشخصـــات سیســـــتم

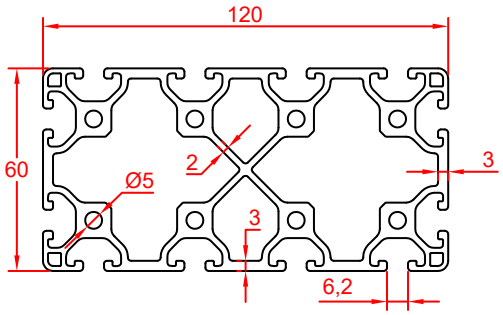
03

T solt Profiles



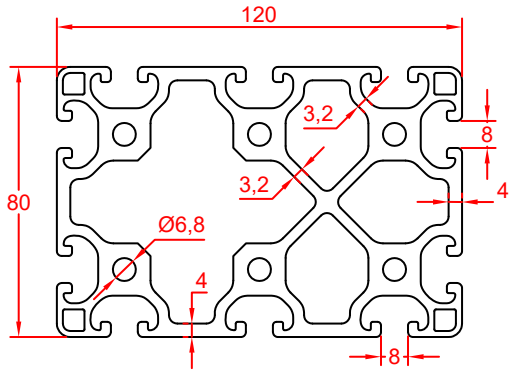
SG 28000

13.650 kg/m



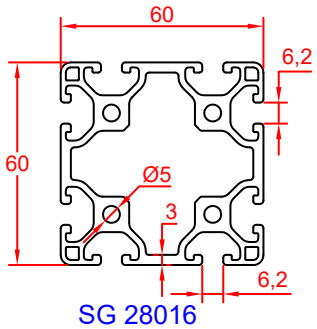
SG 28006

5.150 kg/m



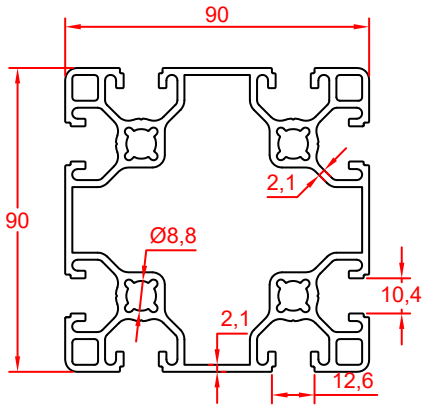
SG 28003

8.230 kg/m



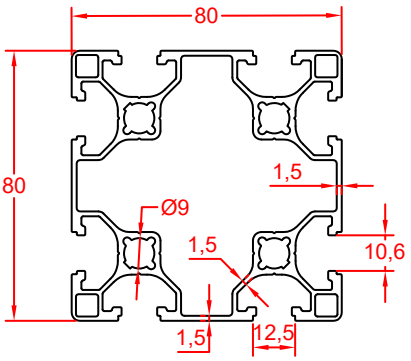
SG 28016

2.800 kg/m



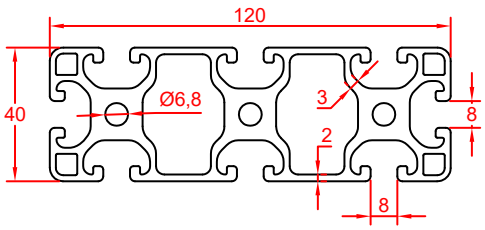
SG 28004

4.470 kg/m



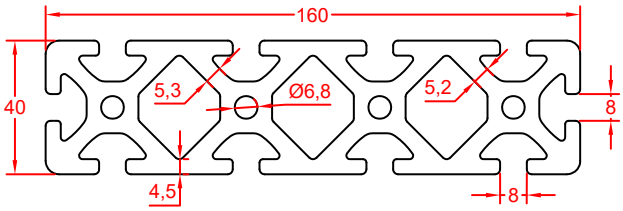
SG 28005

3.080 kg/m



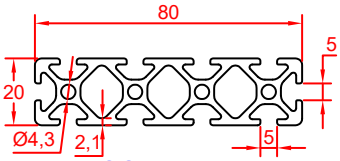
SG 28007

4.500 kg/m



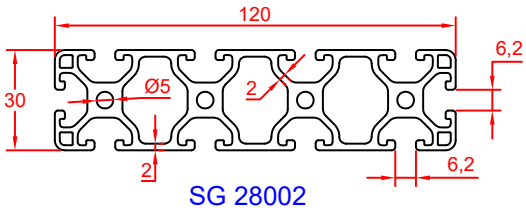
SG 28001

8.800 kg/m



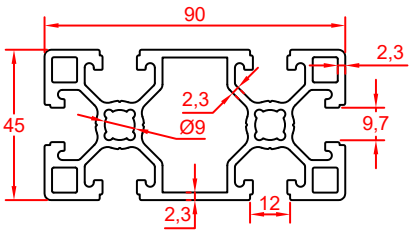
SG 28012

1.720 kg/m



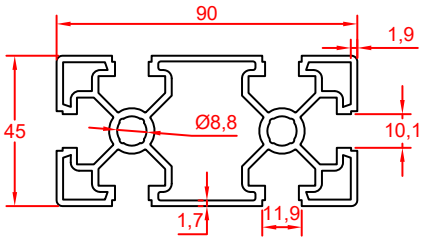
SG 28002

3.200 kg/m



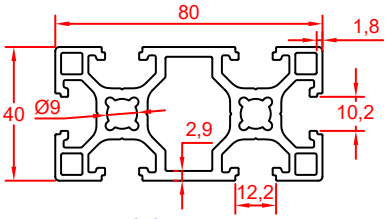
SG 28008

3.320 kg/m



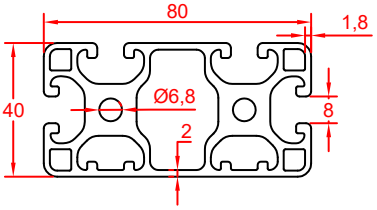
SG 28009

2.750 kg/m



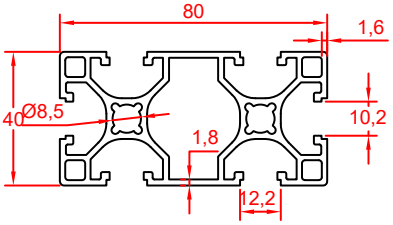
SG 28010

2.820 kg/m



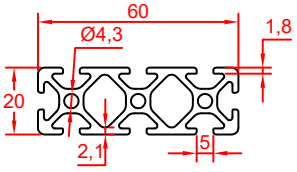
SG 28011

3.200 kg/m



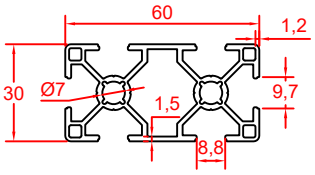
SG 28013

2.165 kg/m



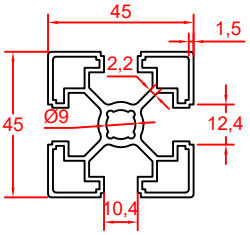
SG 28015

1.310 kg/m



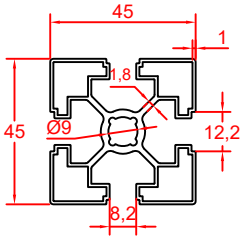
SG 28014

1.210 kg/m



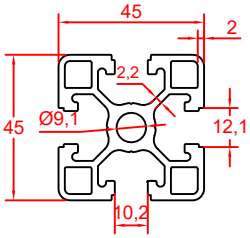
SG 28017

1.430 kg/m



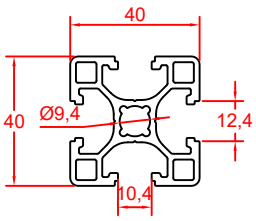
SG 28018

1.145 kg/m



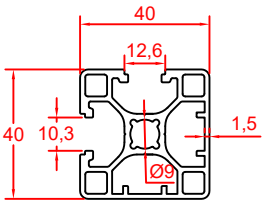
SG 28019

1.975 kg/m



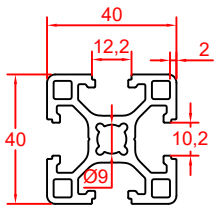
SG 28020

1.390 kg/m



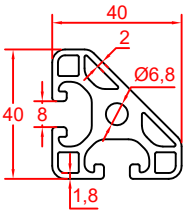
SG 28021

1.330 kg/m



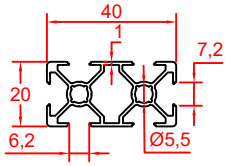
SG 28022

1.570 kg/m



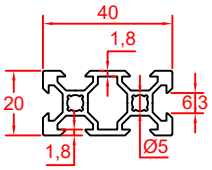
SG 28023

1.545 kg/m



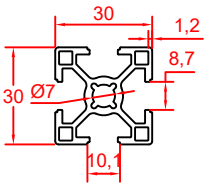
SG 28024

0.550 kg/m



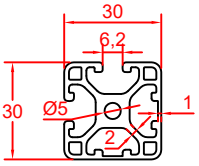
SG 28025

0.780 kg/m



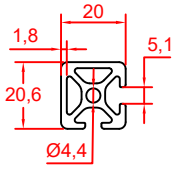
SG 28026

0.795 kg/m



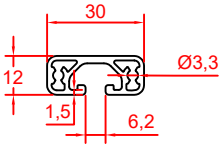
SG 28027

0.990 kg/m



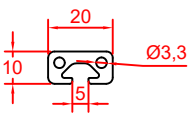
SG 28031

0.530 kg/m



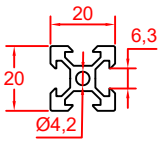
SG 28028

0.445 kg/m



SG 28030

0.230 kg/m



SG 28029

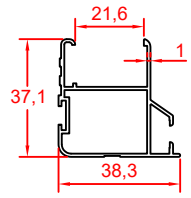
0.400 kg/m

پروفیل‌های یخچالی

مشخصـــات سیســـــتم

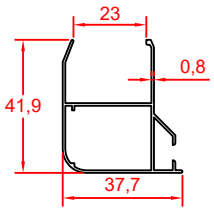
04

Refrigerator Profiles



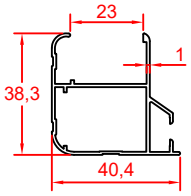
SR 28500

0.490 kg/m



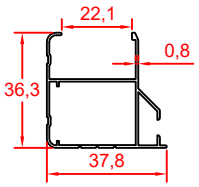
SR 28501

0.370 kg/m



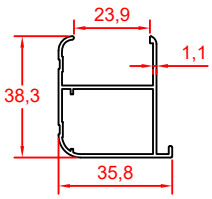
SR 28502

0.470 kg/m



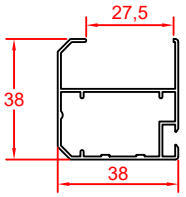
SR 28503

0.360 kg/m



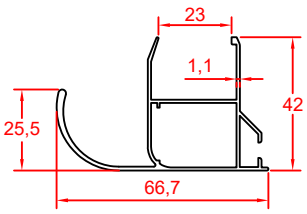
SR 28505

0.440 kg/m



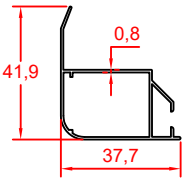
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0.460 kg/m



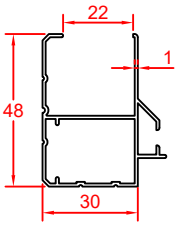
SR 28511

0.675 kg/m



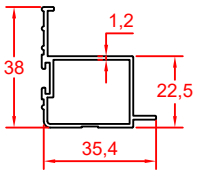
SR 28528

0.325 kg/m



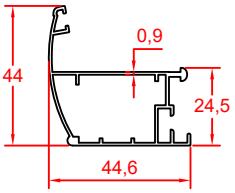
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0.525 kg/m



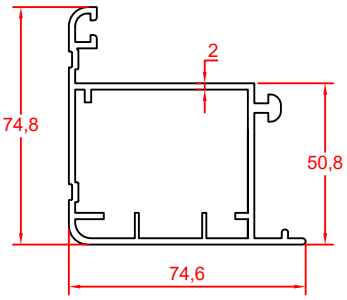
SR 28518

0.425 kg/m



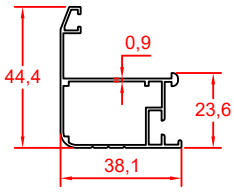
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0.490 kg/m



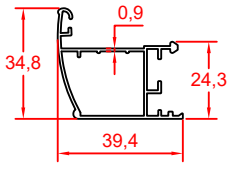
SR 28523

1.765 kg/m



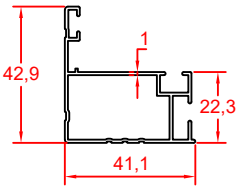
SR 28544

0.440 kg/m



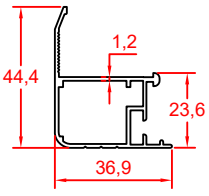
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0.425 kg/m



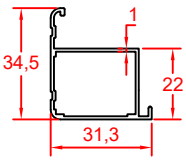
SR 28525

0.450 kg/m



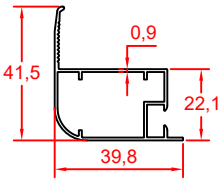
SR 28521

0.495 kg/m



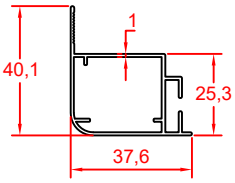
SR 28522

0.340 kg/m



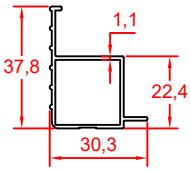
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0.390 kg/m



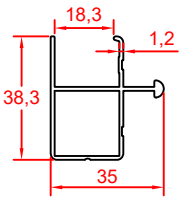
SR 28556

0.435 kg/m



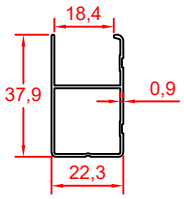
SR 28526

0.340 kg/m



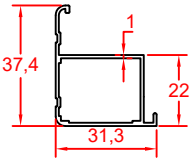
SR 28510

0.455 kg/m



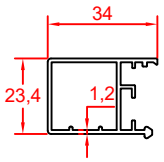
SR 28507

0.290 kg/m



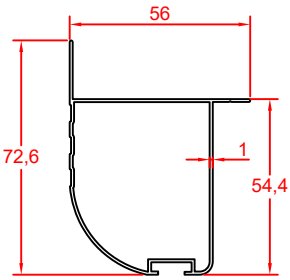
SR 28530

0.350 kg/m



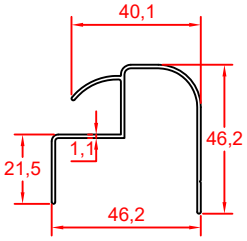
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0.420 kg/m



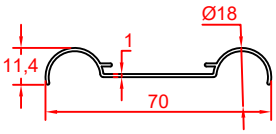
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0.590 kg/m



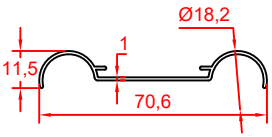
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0.440 kg/m



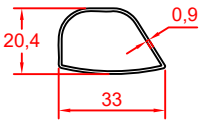
SR 28506

0.275 kg/m



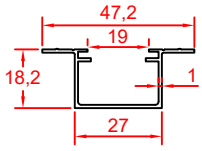
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0.280 kg/m



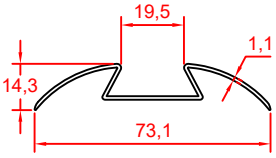
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0.220 kg/m



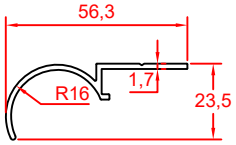
SR 28517

0.265 kg/m



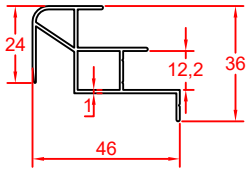
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0.340 kg/m



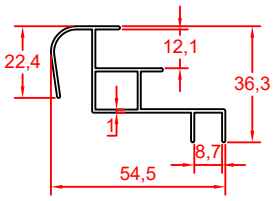
SR 28531

0.380 kg/m



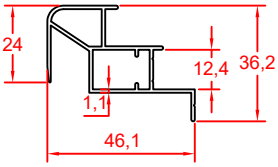
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0.460 kg/m



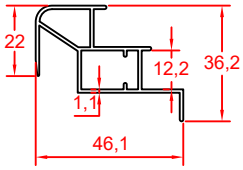
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0.450 kg/m



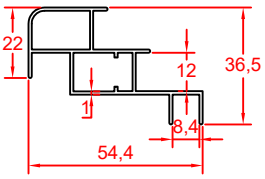
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0.490 kg/m



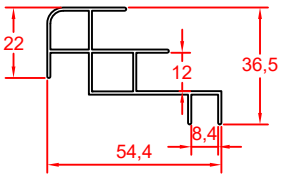
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0.485 kg/m



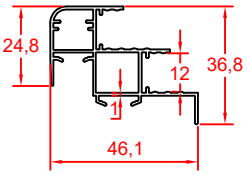
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0.515 kg/m



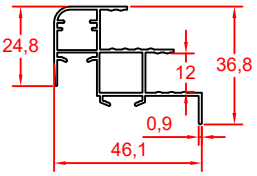
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0.500 kg/m



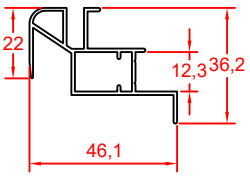
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0.495 kg/m



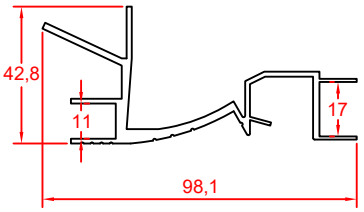
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0.475 kg/m



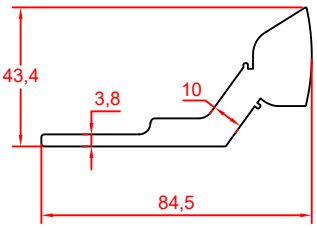
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0.500 kg/m



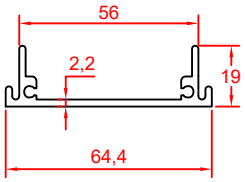
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1.260 kg/m



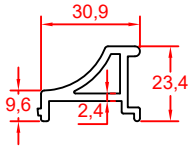
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2.670 kg/m



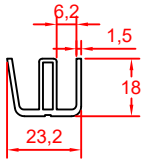
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0.695 kg/m



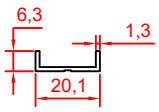
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0.590 kg/m



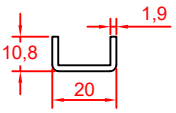
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0.360 kg/m



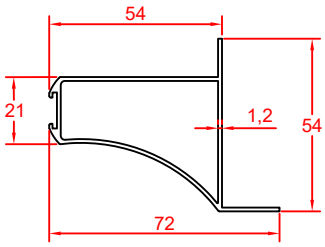
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0.115 kg/m



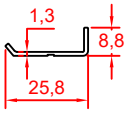
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0.200 kg/m



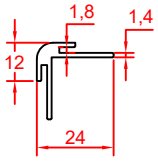
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0.690 kg/m



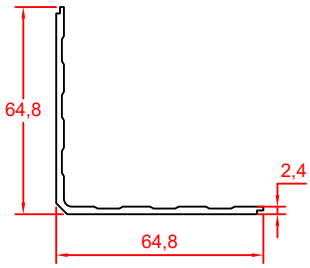
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0.125 kg/m



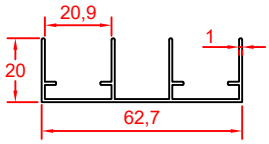
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0.280 kg/m



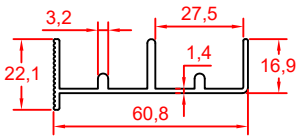
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0.750 kg/m



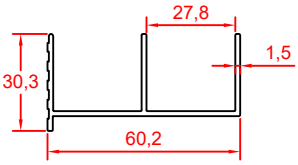
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0.425 kg/m



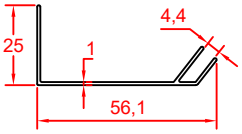
SR 28549

0.580 kg/m



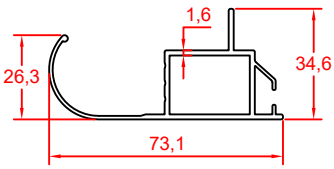
SR 28551

0.590 kg/m



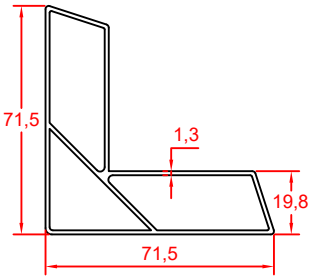
SR 28552

0.270 kg/m



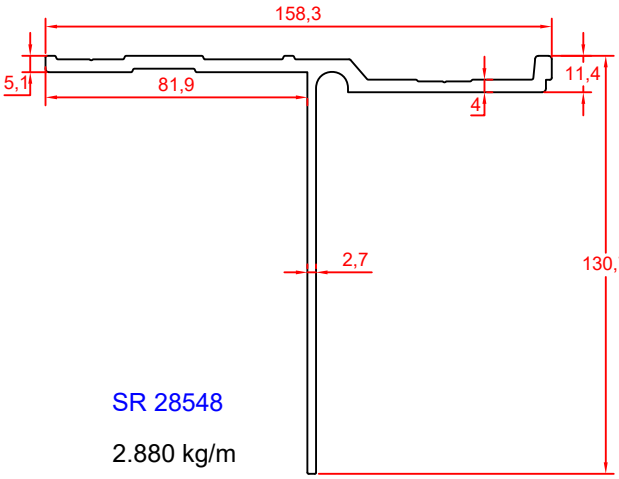
SR 28557

0.730 kg/m



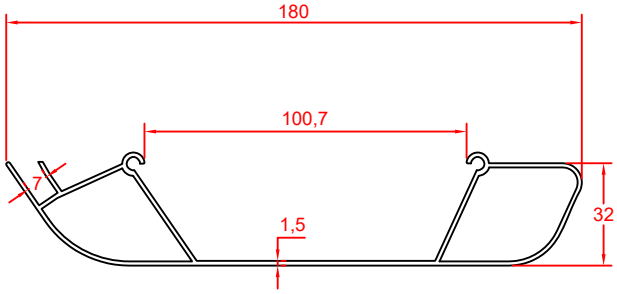
SR 28559

1.155 kg/m



SR 28548

2.880 kg/m



SR 28558

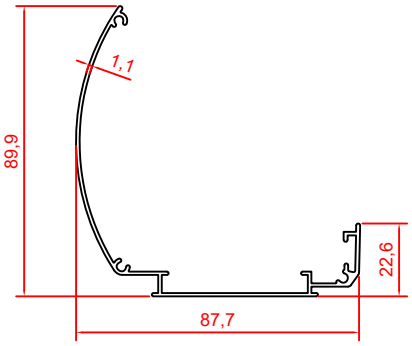
1.395 kg/m

پروفیل‌های پرده زیرا

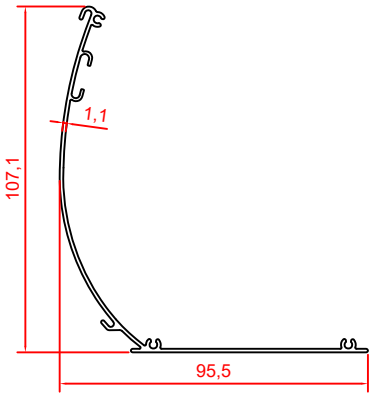
مشخصـــات سیســـــتم

05

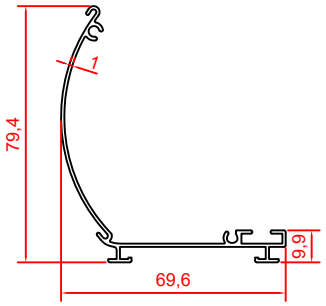
Zebra Curtain Profiles



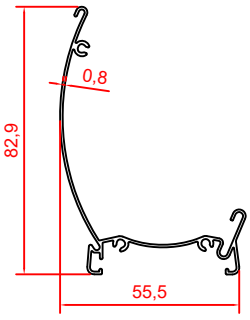
CP 26000
0.680 kg/m



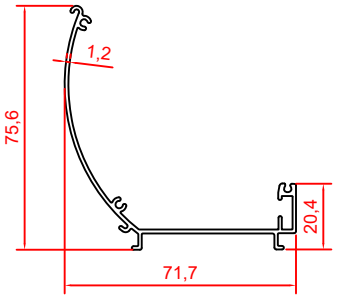
CP 26001
0.705 kg/m



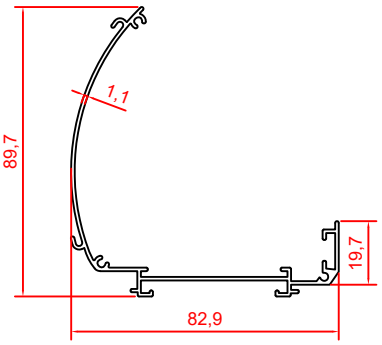
CP 26003
0.550 kg/m



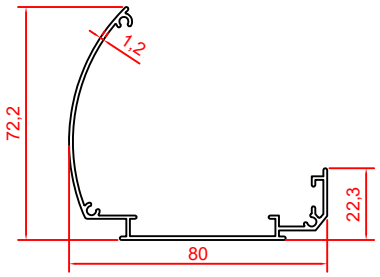
CP 26002
0.480 kg/m



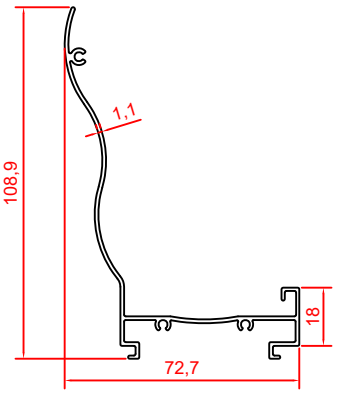
CP 26004
0.480 kg/m



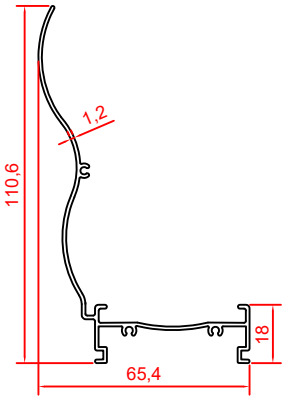
CP 26005
0.490 kg/m



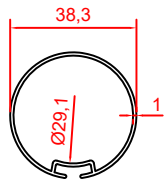
CP 26006
0.485 kg/m



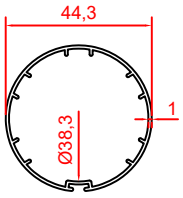
CP 26007
0.750 kg/m



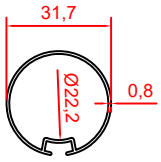
CP 26008
0.680 kg/m



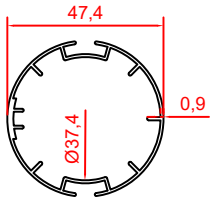
CP 26009
0.360 kg/m



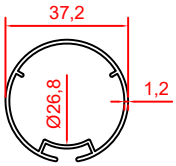
CP 26010
0.440 kg/m



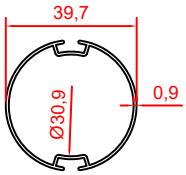
CP 26011
0.255 kg/m



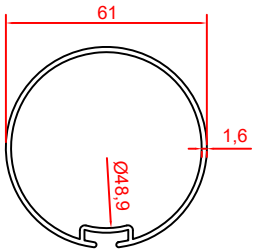
CP 26012
0.535 kg/m



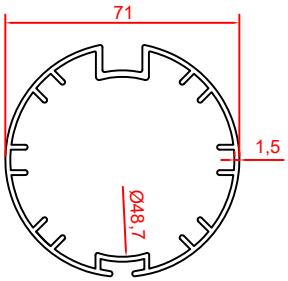
CP 26013
0.415 kg/m



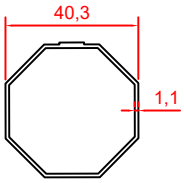
CP 26014
0.355 kg/m



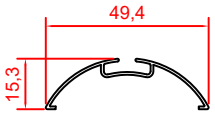
CP 26015
0.270 kg/m



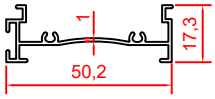
CP 26016
1.340 kg/m



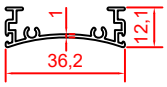
CP 26017
0.410 kg/m



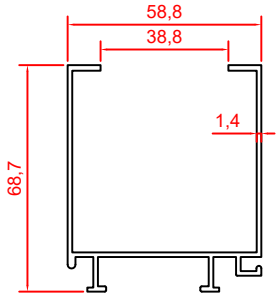
CP 26018
0.190 kg/m



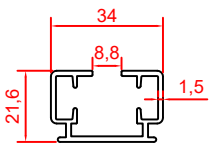
CP 26019
0.325 kg/m



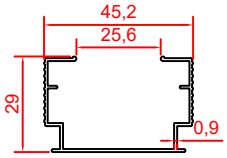
CP 26020
0.240 kg/m



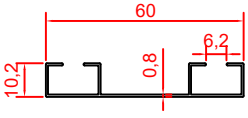
CP 26021
0.940 kg/m



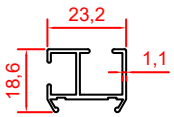
CP 26022
0.480 kg/m



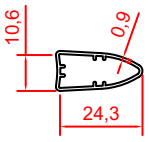
CP 26023
0.325 kg/m



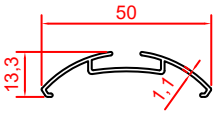
CP 26024
0.225 kg/m



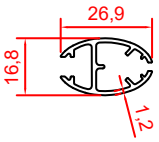
CP 26037
0.250 kg/m



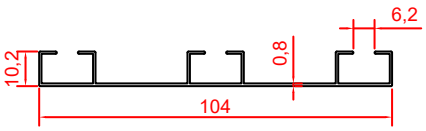
CP 26038
0.175 kg/m



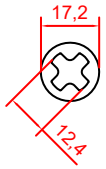
CP 26040
0.235 kg/m



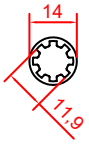
CP 26039
0.290 kg/m



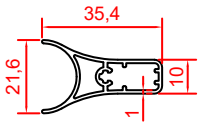
CP 26025
0.390 kg/m



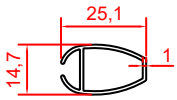
CP 26027
0.415 kg/m



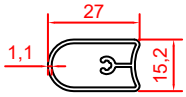
CP 26028
0.180 kg/m



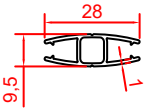
CP 26026
0.510 kg/m



CP 26029
0.200 kg/m



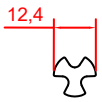
CP 26030
0.275 kg/m



CP 26031
0.200 kg/m



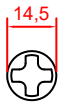
CP 26032
0.058 kg/m



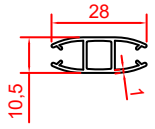
CP 26033
0.060 kg/m



CP 26034
0.115 kg/m



CP 26036
0.250 kg/m



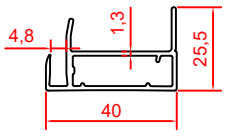
CP 26035
0.220 kg/m

پروفیل‌های انرژی خورشیدی

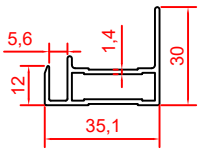
مشخصـــات سیســـــتم

06

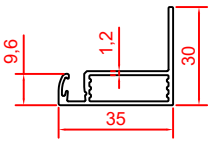
Solar energy Profiles



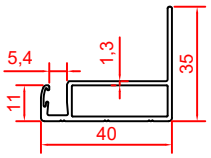
SO 30000
0.480 kg/m



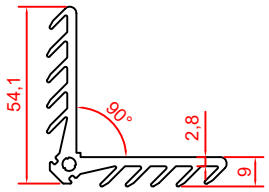
SO 30001
0.445 kg/m



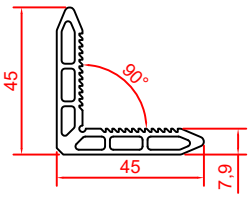
SO 30002
0.395 kg/m



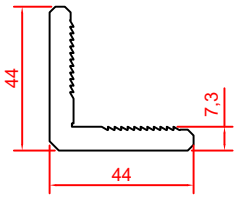
SO 30003
0.480 kg/m



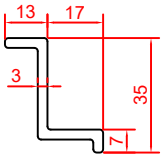
SO 30004
1.250 kg/m



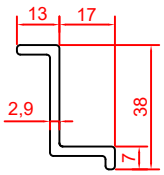
SO 30005
0.950 kg/m



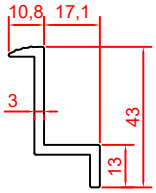
SO 30006
1.515 kg/m



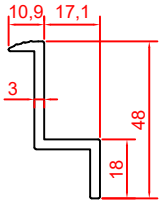
SO 30007
0.520 kg/m



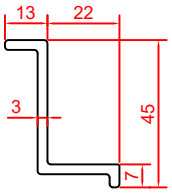
SO 30008
0.545 kg/m



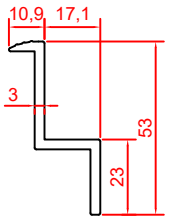
SO 30009
0.550 kg/m



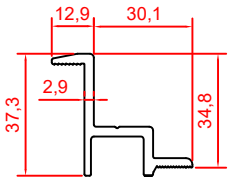
SO 30010
0.590 kg/m



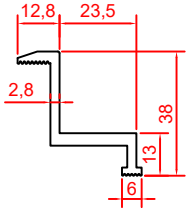
SO 30011
0.645 kg/m



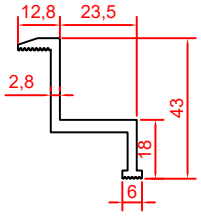
SO 30012
0.635 kg/m



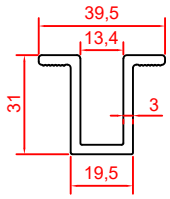
SO 30013
0.680 kg/m



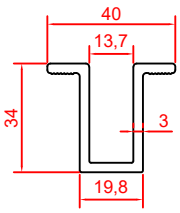
SO 30046
0.640 kg/m



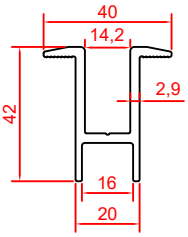
SO 30045
0.680 kg/m



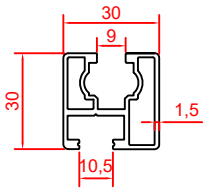
SO 30016
0.805 kg/m



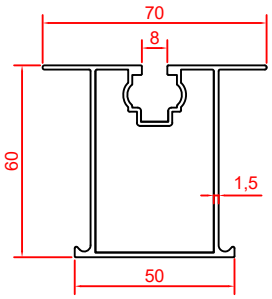
SO 30017
0.860 kg/m



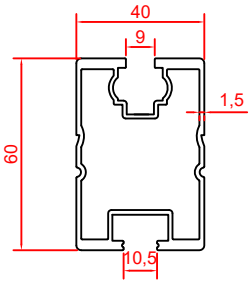
SO 30018
0.900 kg/m



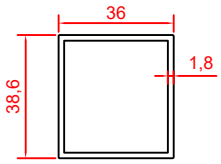
SO 30019
0.700 kg/m



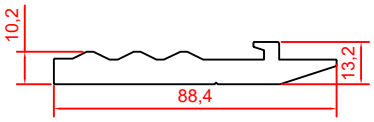
SO 30020
1.150 kg/m



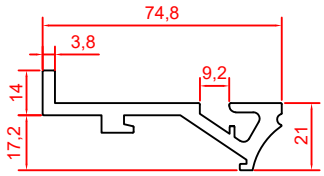
SO 30021
1.330 kg/m



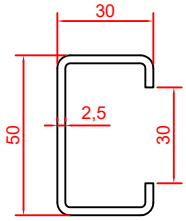
SO 30022
0.715 kg/m



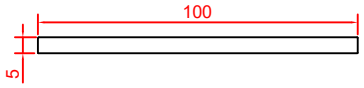
SO 30023
2.000 kg/m



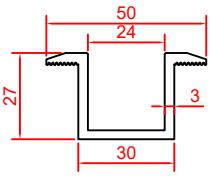
SO 30024
1.385 kg/m



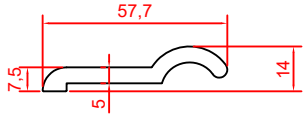
SO 30043
0.805 kg/m



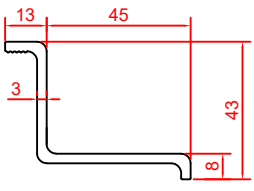
SO 30026
1.395 kg/m



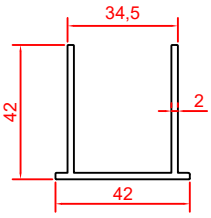
SO 30044
0.795 kg/m



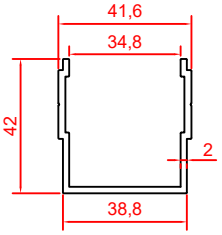
SO 30015
0.875 kg/m



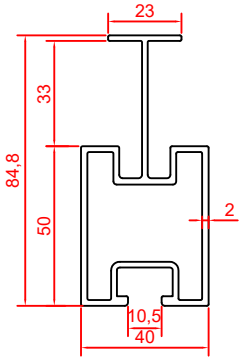
SO 30014
0.825 kg/m



SO 30027
0.680 kg/m

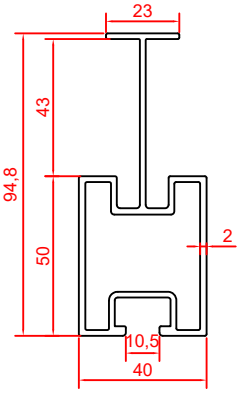


SO 30028
0.715 kg/m



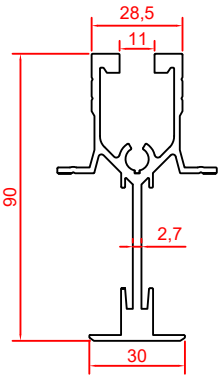
SO 30031

1.530 kg/m



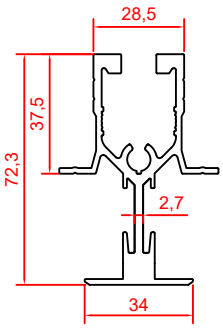
SO 30032

1.580 kg/m



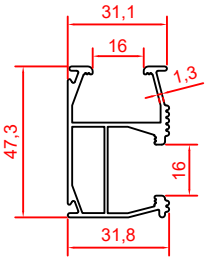
SO 30033

1.800 kg/m



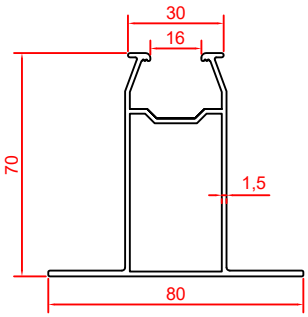
SO 30034

1.690 kg/m



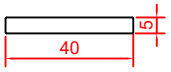
SO 30041

0.795 kg/m



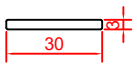
SO 30042

1.135 kg/m



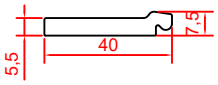
SO 30036

0.560 kg/m



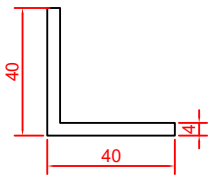
SO 30035

0.255 kg/m



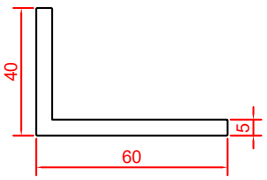
SO 30029

0.615 kg/m



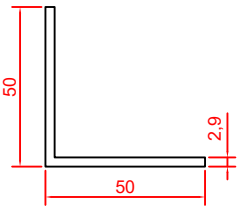
SO 30037

0.850 kg/m



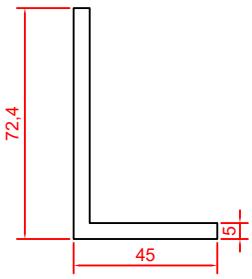
SO 30038

1.330 kg/m



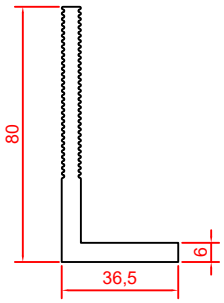
SO 30039

0.790 kg/m



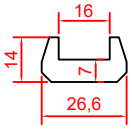
SO 30040

1.570 kg/m



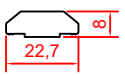
SO 30047

1.745 kg/m



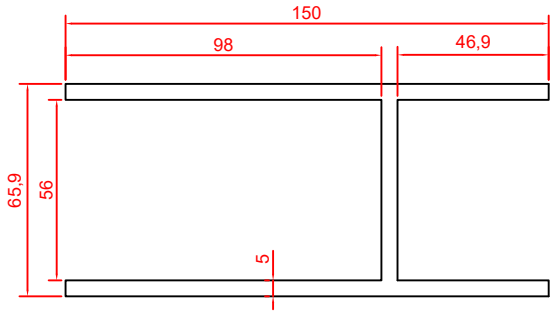
SO 30049

0.640 kg/m



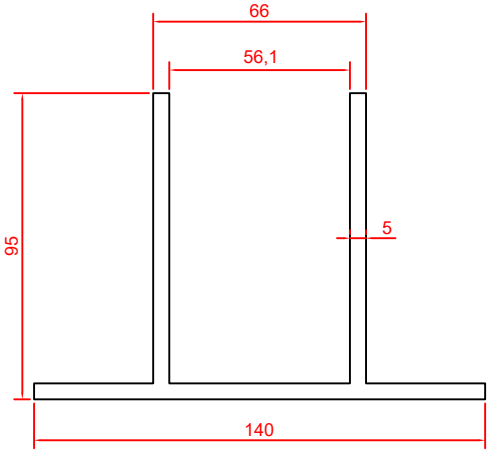
SO 30048

0.425 kg/m



SO 30025

4.970 kg/m



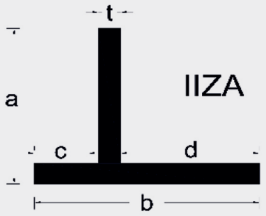
SO 30030

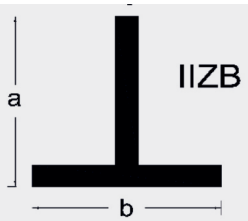
4.465 kg/m



پروفیل‌های استاندارد
Standard Profiles

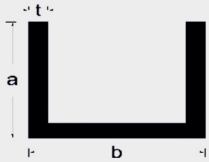






a(mm)	b(mm)	c(mm)	d(mm)	t(mm)	weigh(kg/m)
10	20	5	15	1.2	0.094
10	20	5	15	1.5	0.116
10	20	5	15	2	0.152
15	30	10	20	1.2	0.143
15	30	10	20	1.5	0.177
15	30	10	20	2	0.233
20	40	15	25	1.2	0.191
25	50	20	30	1.2	0.240
25	50	20	30	1.5	0.299
25	50	20	30	2	0.396
30	60	20	40	1.2	0.289
30	60	20	40	1.5	0.360
35	70	25	45	1.5	0.421
40	60	20	40	1.2	0.322
40	60	20	40	1.5	0.401
40	60	20	40	2	0.532
45	65	20	45	1.2	0.354
45	65	20	45	1.5	0.441
45	65	20	45	2	0.586
50	70	25	45	1.2	0.387
50	70	25	45	1.5	0.482
50	70	25	45	2	0.640
55	100	10	30	2	5.711
55	100	20	35	1.5	4.286
55	100	30	70	1.2	3.429
60	80	10	30	1.2	0.452
60	80	10	30	1.5	0.563
60	80	10	30	2	0.749

a(mm)	b(mm)	t(mm)	weight(kg/m)
10	10	12	0.061
10	10	1.5	0.075
10	10	2	0.098
15	15	1.2	0.094
15	15	1.5	0.116
15	15	2	0.152
20	20	1.2	0.126
25	25	1.5	0.159
25	25	2	0.197
25	25	1.5	0.260
30	30	1.2	0.191
30	30	1.5	0.238
35	35	1.5	0.279
40	40	1.2	0.256
40	40	1.5	0.319
40	40	2	0.423
45	45	1.2	0.289
45	45	1.5	0.360
45	45	2	0.477
50	50	1.2	0.322
50	50	1.5	0.401
50	50	2	0.532
55	55	1.2	0.354
55	55	1.5	0.441
55	55	2	0.586
60	60	1.2	0.387
60	60	1.5	0.482
60	60	2	0.640



IIZC

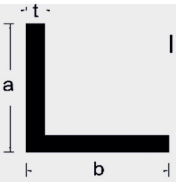
a(mm)	b(mm)	t(mm)	weigh(kg/m)
10	10	1.2	0.090
10	10	1.5	0.110
10	10	2	0.141
12	12	1.2	0.109
12	12	1.5	0.134
12	12	2	0.174
15	15	1.2	0.139
15	15	1.5	0.171
15	15	2	0.222
17	17	1	0.133
17	17	1.2	0.158
17	17	1.5	0.195
17	17	2	0.255
20	20	1.2	0.187
20	20	1.5	0.232
20	20	2	0.304
25	25	1.2	0.236
25	25	1.5	0.293
25	25	2	0.385
30	30	1.2	0.285
30	30	1.5	0.354
30	30	2	0.466
35	35	1.2	0.334
35	35	1.5	0.415
35	35	2	0.548
40	40	1.2	0.383
40	40	1.5	0.476
40	40	20	0.629



IIZD

a(mm)	b(mm)	t(mm)	weigh(kg/m)
10	12	1.2	0.096
10	12	1.5	0.118
10	12	2	0.152
10	15	1.2	0.106
10	15	1.5	0.130
10	15	2	0.168
10	18	1.2	0.116
10	18	1.5	0.142
10	18	2	0.184
10	20	1.2	0.122
10	20	1.5	0.151
10	20	2	0.195
10	22	1.2	0.129
10	22	1.5	0.159
10	22	2	0.206
10	25	1.2	0.139
10	25	1.5	0.171
10	25	2	0.222
10	30	1.2	0.155
10	30	1.5	0.191
10	30	2	0.250
10	35	1.2	0.171
10	35	1.5	0.212
10	35	2	0.277
10	40	1.2	0.187
10	40	1.5	0.232
10	40	2	0.304
10	45	1.2	0.204
10	45	1.5	0.252
10	45	2	0.331
10	60	1.6	0.333
12	12	1.2	0.109
12	12	1.5	0.134
12	12	2	0.174
12	15	1.2	0.119
12	15	1.5	0.146
12	15	2	0.190
12	18	1.2	0.129
12	18	1.5	0.159
12	18	2	0.206
12	20	1.2	0.135
12	20	1.5	0.167
12	20	2	0.217
12	22	1.2	0.142
12	22	1.5	0.175
12	22	2	0.228
12	25	1.2	0.152
12	25	1.5	0.187
12	25	2	0.244

a(mm)	b(mm)	t(mm)	weight(kg/m)
12	30	1.2	0.168
12	30	1.5	0.207
12	30	2	0.271
12	35	1.2	0.184
12	35	1.5	0.228
12	35	2	0.298
12	40	1.2	0.200
12	40	1.5	0.248
12	40	2	0.325
12	45	1.2	0.217
12	45	1.5	0.268
12	45	2	0.353
15	12	1.2	0.129
15	12	1.5	0.159
15	12	2	0.206
15	15	1.2	0.139
15	15	1.5	0.171
15	15	2	0.222
15	17	0.9	0.110
15	18	1.2	0.148
15	18	1.5	0.183
15	18	2	0.239
15	20	1.2	0.155
15	20	1.5	0.191
15	20	2	0.250
15	22	1.2	0.161
15	22	1.5	0.199
15	22	2	0.260
15	25	1.2	0.171
15	25	1.5	0.212
15	25	2	0.277
15	30	1.2	0.187
15	30	1.5	0.232
15	30	2	0.304
15	35	1.2	0.204
15	35	1.5	0.252
15	35	2	0.331
15	40	1.2	0.220
15	40	1.5	0.273
15	40	2	0.358
15	45	1.2	0.236
15	45	1.5	0.293
15	45	2	0.385
17	15	1.2	0.152
20	15	2	0.277
20	18	0.9	0.137
20	18	1.2	0.181
20	19	1.5	0.228
40	30	1.5	0.435



IIZE

a(mm)	b(mm)	t(mm)	weigh(kg/m)
10	10	1.2	0.061
10	10	1.5	0.075
10	10	2	0.098
12	12	1.2	0.074
12	12	1.5	0.092
12	12	2	0.119
14	14	1.2	0.087
14	14	1.5	0.108
14	14	2	0.141
16	16	1.2	0.100
16	16	1.5	0.124
16	16	2	0.163
20	20	1.2	0.126
20	20	1.5	0.157
20	20	2	0.206
20	20	1.2	0.126
20	20	1.5	0.157
20	20	2	0.206
22	22	1.2	0.139
22	22	1.5	0.173
22	22	2	0.228
25	25	1.2	0.159
25	25	1.5	1.424
25	25	2	0.260
30	30	1.2	0.191
30	30	1.5	0.238
30	30	2	0.315
40	40	1.2	0.256
40	40	1.5	0.319



IIZF

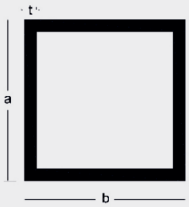
a(mm)	b(mm)	t(mm)	weigh(kg/m)
7	35	2.8	0.298
10	15	1.2	0.077
10	20	1.5	0.116
10	20	20	0.542
10	22	1.2	0.100
10	22	1.5	0.124
10	22	20	0.651
10	25	1.2	0.110
10	25	1.5	0.136
10	25	20	0.814
10	30	1.2	0.126
10	30	1.5	0.157
10	30	20	1.085
10	40	1.2	0.159
10	40	1.5	0.197
10	40	20	1.627
10	45	1.2	0.175
10	45	1.5	0.218
10	45	20	1.898
10	50	1.2	0.191
10	50	1.5	0.238
10	50	3	0.646
12	20	1.2	0.100
12	20	1.5	0.124
12	20	2	0.163
12	22	1.2	0.107
12	22	1.5	0.132
12	22	2	0.174
12	25	1.2	0.117
12	25	1.5	0.144
12	25	2	0.190
12	30	1.2	0.133
12	30	1.5	0.165
12	30	2	0.217
12	40	1.2	0.165
12	40	1.5	0.205
12	40	2	0.271
12	45	1.2	0.182
12	45	1.5	0.226
12	45	2	0.298
12	50	1.2	0.198
12	50	1.5	0.246
12	50	2	0.325
15	20	1.2	0.110
15	20	1.5	0.136
15	20	2	0.179
15	22	1.2	0.117
15	22	1.5	0.144
15	22	2	0.190
15	25	1.2	0.126
15	25	1.5	0.157
15	25	2	0.206
15	30	1.2	0.143

a(mm)	b(mm)	t(mm)	weight(kg/m)
15	30	1.5	0.177
15	30	2	0.233
15	40	1.2	0.175
15	40	1.5	0.218
15	40	2	0.287
15	45	1.2	0.191
15	45	1.5	0.238
15	45	2	0.315
15	50	1.2	0.208
15	50	1.5	0.258
15	50	2	0.342
18	20	1.2	0.120
18	20	1.5	0.148
18	20	2	0.195
18	22	1.2	0.126
18	22	1.5	0.157
18	22	2	0.206
18	25	1.2	0.136
18	25	1.5	0.169
18	25	2	0.222
18	30	1.2	0.152
18	30	1.5	0.189
18	30	2	0.250
18	40	1.2	0.185
18	40	1.5	0.230
18	40	2	0.304
18	45	1.2	0.201
18	45	1.5	0.250
18	45	2	0.331
18	50	1.2	0.217
18	50	1.5	0.271
18	50	2	0.358
20	20	1.2	0.126
20	20	1.5	0.157
20	20	2	0.206
20	22	1.2	0.133
20	22	1.5	0.165
20	22	2	0.217
20	25	1.2	0.143
20	25	1.5	0.177
20	25	2	0.233
20	30	1.2	0.159
20	30	1.5	0.197
20	30	2	0.260
20	40	1.2	0.191
20	40	1.5	0.238
20	40	2	0.315
20	45	1.2	0.208
20	45	1.5	0.258
20	45	2	0.342
20	50	1.2	0/224
20	50	1.5	0.279
20	50	2	0.369



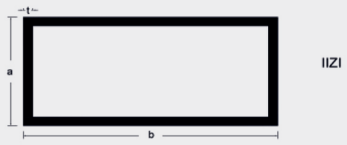
IIZG

a(mm)	b(mm)	weigh(kg/m)	a(mm)	b(mm)	weight(kg/m)
10	18.5	0.502	74/9	3.5	0.711
14	3	0.114	80	2	0.434
20	3	0.163	80	4	0.868
22	3.5	2.088	80	10	2.170
23	2.3	0.156	80	20	4.339
25	3	0.203	87	5	1.180
25	4	0.271	100	5.9	1.598
28	5	0.380	100	6.9	1.869
40	2	0.217	100	10	2.712
40	3	0.325	100	18	4.882
50	2	0.271	110	5.9	1.758
50	3	0.407	110	5	1.492
50	4	0.542	125	5.9	1.998
50	5	0.678	130	3.9	1.374
50	6	0.814	140	6.9	2.620
50	8	1.085	160	6	2.602
50	10	1.356	160	5.9	2.559
59	50	8	170	4	1.844
60	30	4.882	185	3.5	0.001
65	30	5.288	200	5.9	3.199
69.9	5.9	1.112	200	2	10.848



IIZH

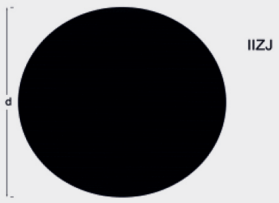
a(mm)	b(mm)	t(mm)	weigh(kg/m)	a(mm)	b(mm)	t(mm)	weight(kg/m)
10	10	1.2	0.115	40	40	2	0.824
10	10	1.5	0.138	45	45	1.8	0.844
10	10	2	0.174	49	49	2	0.1020
12	12	1.2	0.141	50	50	1	0.532
12	12	1.5	0.171	50	50	1.2	0.635
12	12	2	0.217	50	50	1.5	0.789
15	15	1.2	0.180	50	50	1.6	0.840
15	15	1.5	0.220	50	50	2	1.041
15	15	2	0.282	50	50	3	1.530
20	20	1.2	0.245	60	60	1.2	0.765
20	20	1.3	0.264	60	60	1.3	0.828
20	20	1.5	0.301	60	60	3	1.855
20	20	2	0.391	60	60	4	2.430
25	25	1.2	0.310	63	63	1.5	1.001
25	25	1.3	0.334	70	70	1.3	0..969
25	25	1.5	0.382	70	70	1.5	1.115
25	25	2	0.499	75	75	1.5	1.196
30	30	1.3	0.405	80	80	1.4	1.194
30	30	2	0.607	80	80	0.2	0.004
30	30	30	0.000	80	80	2	1.692
35	35	1.2	0.440	80	80	3.2	2.666
35	35	1.5	0.545	95	95	1.6	1.621
35	35	2	0.716	95	95	2	2.018
40	40	1	0.432	100	100	1.2	1.286
40	40	1.2	0.505	100	100	1.4	1.497
40	40	1.5	0.626	100	100	1.5	1.603
40	40	1.8	0.746	120	120	5	6.238



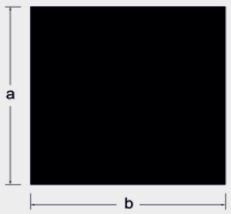
IIZI

a(mm)	b(mm)	t(mm)	weigh(kg/m)
10	12	1.2	0.128
10	12	1.5	0.155
10	12	2	0.195
10	15	1.2	0.147
10	15	1.5	0.179
10	15	2	0.228
10	20	1.2	0.180
10	20	1.5	0.220
10	20	2	0.282
10	25	1.2	0.212
10	25	1.5	0.260
10	25	2	0.336
10	35	1.2	0.277
10	35	1.5	0.342
10	35	2	0.445
10	40	1.2	0.310
10	40	1.5	0.382
10	40	2	0.499
10	50	1.2	0.375
10	50	1.5	0.464
10	50	2	0.607
15	30	1.3	0.299
17	25	1	0.217
17	25	1.2	0.258
20	20	1.2	0.245
20	40	1	0.315
20	40	1.2	0.375
20	40	1.5	0.464
20	60	1.2	0.505

a(mm)	b(mm)	t(mm)	weight(kg/m)
20	80	1.4	0.738
20	80	2	1.041
20	100	1.4	0.890
20	120	1.5	1.115
25	60	1.2	0.538
25	95	2	1.258
30	30	1.2	0.375
30	40	1.2	0.440
30	40	1.8	0.648
30	100	1.5	1.033
32	70	1.3	0.701
32	75	1.5	0.846
35	35	1.2	0.440
38	64	1.2	0.648
39/1	49	2	0.912
40	40	1.2	0.505
40	50	1	0.447
40	50	1.2	0.570
40	60	0.040	0.661
40	60	4	1.996
40	80	1.5	0.952
40	80	2	1.258
40	80	3.2	1.972
44/6	60	3	1.604
50	95	1.6	1.231
50	95	2	1.530
50	120	5	4.339
63	63	1.5	1.001
95	95	2	2.018
100	100	1.2	1.286

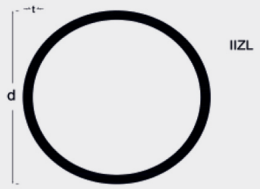


Ø d(mm)	weigh(kg/m)
Ø5	0.053
Ø10	0.213
Ø12	0.307
Ø15	0.479
Ø16	0.545
Ø18	0.690
Ø20	0.852
Ø22	1.030
Ø25	1.331
Ø30	1.916
Ø32	2.180
Ø35	2.608
Ø40	3.406
Ø45	4.311
Ø50	5.322
Ø55	6.440
Ø60	7.664
Ø65	8.995
Ø70	10.432
Ø75	11.975
Ø80	13.625
Ø85	15.381
Ø90	17.244
Ø95	19.214
Ø100	21.289



IIZK

a(mm)	a(mm)	weight(kg/m)
10	10	0.271
12	12	0.391
15	15	0.610
20	20	1.085
25	25	1.695
30	30	2.441
35	35	3.322
40	40	4.339
45	45	5.492
50	50	6.780
55	55	8.204
60	60	9.763
65	65	11.458
70	70	13.289
75	75	15.255
80	80	17.357
85	85	19.594
90	90	21.967
95	95	0.050
100	100	27.12



d(mm)	t(mm)	weigh(kg/m)	d(mm)	t(mm)	weight(kg/m)
15	2.75	0.287	30	10	1.703
16	1.5	0.185	31	6.2	1.309
16	2	0.238	32	2	0.510
16	4	0.408	32	3	0.741
16	5	0.467	35	2.5	0.691
19	1.2	0.182	35	3	0.817
19.2	1.5	0.226	35	3.25	0.878
20	1	0.162	35	13.5	2.471
20	1.8	0.279	35.5	14.5	2.592
20	3	0.434	40	1	0.332
20	4	0.5445	40	2.5	0.798
20.4	1.2	0.196	40	5	1.490
21	4.5	0.632	40.2	15.1	3.227
22	1.2	0.212	40.5	16.35	3.362
22	1.5	0.262	43	1.5	0.530
22	2.5	0.415	50	1.5	0.619
22	5	0.724	50	1.8	0.738
24	3.75	0.646	50	2	0.817
24	5	0.809	50	2.5	1.011
25	5	0.809	50	3	1200.000
25	1.5	0.300	50	10.5	3.531
25	3.25	0.602	50.15	20.57	5.180
25	8.25	1.176	54	1.8	0.800
26	2	0.409	55	2.3	1.032
28	2.8	0.601	60	2.5	1.225
28	4.7	0.932	60	3	1.456
29.5	2	0.468	60	5	2.341
30	2.2	0.521	65	7	3.456
30	3	0.689	70	1.5	0.875
30	3.75	0.838	75	5	2.978
30	4	0.885	82	4	2.656