

Sistem **Al**

A L Ü M İ N Y U M



**ALDOKS
PENCERE & KAPI
SİSTEMİ PROFİLLERİ**

**ALDOKS
WINDOW & DOOR
SYSTEM SECTIONS**

Alüminyumun Geleceğinde İmzamız Var!
Our Signature Shapes The Future of Aluminium!



ALDOKS

PENCERE & KAPI SİSTEMİ PROFİLLERİ
WINDOWS & DOORS SYSTEM SECTIONS



KATALOGDA BULUNAN MARKA VE ÜRÜNLER, SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş. BÜNYESİNDE OLUŞTURULMUŞ FİKİR ESERLERİ OLUP TÜRK PATENT ENSTİTÜSÜ TARAFINDAN TESCİLLENMİŞTİR. HİÇ BİR SURETLE İZİNSİZ ÜRETİLEMEZ VEYA ÇOĞALTILAMAZ.

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MİMARİ SİSTEM KATALOGLARI / ARCHITECTURAL SYSTEM CATALOGUES

CEPHE & IŞIKLIK SİSTEMLERİ FACADE & SKYLIGHT SYSTEMS	F50 ENERGY YÜKSEK YALITIMLI PERFORMANS CEPHE HIGH INSULATED PERFORMANCE FACADE	F50 Energy: Kondens Sistem Kapaklı Cephe / Capped Curtain Wall System With Condensation Line F50 Energy: Kondens Sistem Entegre Cephe / Integrated Curtain Wall System With Condensation Line F50 Energy: Kondens Sistem Yarı Kapaklı Cephe / Semi-Capped Curtain System With Condensation Line
	F50 CLASSIC YALITIMLI KLASİK CEPHE INSULATED CLASSIC FACADE	F50 Classic: Klasik Sistem Kapaklı Cephe / Classic Capped Curtain Wall System F50 Classic: Klasik Sistem Entegre Cephe / Classic Integrated Curtain Wall System F50 Classic: Klasik Sistem Yarı Kapaklı Cephe / Classic Semi-Capped Curtain Wall System F50 Classic: Klasik Sistem Kasetli Silikon Cephe / Classic Silicone Curtain Wall System With Structural Cells
	ÇELİK TAKVİYELİ CEPHE & IŞIKLIK SİSTEMLERİ / STEEL REINFORCED & SKYLIGHT SYSTEMS	ÇT68: Çelik Takviyeli Cephe / Steel Reinforced Curtain Wall ÇT94: Çelik Takviyeli Cephe / Steel Reinforced Curtain Wall SKY50: Işıklık Sistemi / Skylight System SKY78: Işıklık Sistemi (Çelik Takviyeli) / Skylight System (Steel Reinforced)
KAPI & PENCERE SİSTEMLERİ DOOR & WINDOW SYSTEMS	W55 YALITIMLI&Y.SIZ PENCERE & KAPI / W55 INSULATED&UNINSULATED WINDOW & DOOR	W1-W55-1,6T: Yalıtımlı P. ve K. / Insulated W. and D. / W2-W55-1,6: Y.sız P. ve K. / Uninslated W. and D. W3-W55-2T: Yalıtımlı P. ve K. / Insulated W. and D. / W4-W55-2: Y.sız P. ve K. / Uninsulated W. and D.
	W65 YALITIMLI PENCERE & KAPI / W65 INSULATED WINDOW & DOOR	W5-W65-1,6T: Yalıtımlı Pencere ve Kapi / Insulated Window and Door W6-W65-2T: Yalıtımlı Pencere ve Kapi / Insulated Window and Door
	W75 YALITIMLI PENCERE & KAPI / W75 INSULATED WINDOW & DOOR	W7-W75-1,6T: Yalıtımlı Pencere ve Kapi / Insulated Window and Door W8-W75-2T: Yalıtımlı Pencere ve Kapi / Insulated Window and Door
	WH70 YALITIMLI PENCERE & KAPI / WH70 INSULATED WINDOW & DOOR	WH 70: Yalıtımlı Pencere ve Kapi Sistemi / Insulated Window and Door System
	WH85 YALITIMLI PENCERE & KAPI / WH85 INSULATED WINDOW & DOOR	WH 85: Yüksek Yalıtımlı Pencere ve Kapi Sistemi / High Insulated Window and Door System
	BF85 KATLANIR KAPI SİSTEMİ / BF85 BI-FOLDING DOOR SYSTEM	BF 85: Isı Yalıtımlı Katlanır Kapi Sistemi / BF 85: Insulated Folding Door System
SÜRME SİSTEMLER SLIDING SYSTEMS	S45 YALITIMLI & YALITIMSIZ SÜRME / S45 INSULATED & UNINSULATED SLIDING	S1-S45-T: Yalıtımlı Sürme Kapi (Kaldır&Sür ve Klasik) / Insulated Sliding Door (Lift&Slide and Classic) S2-S45: Yalıtımsız Sürme Kapi (Kaldır&Sür ve Klasik) / Uninsulated Sliding Door (Lift&Slide and Classic)
	S65 YALITIMLI SÜRME / S65 INSULATED SLIDING	S3-S65-T: Yalıtımlı Sürme Kapi (Kaldır&Sür) / Insulated Sliding Door (Lift&Slide)
	S32 YALITIMLI & YALITIMSIZ SÜRME / S32 INSULATED & UNINSULATED SLIDING	S5-S32-T: Yalıtımlı & Yalıtımsız Klasik Hafif Sürme Kapi / Insulated & Uninsulated Classic Light Sliding Door
	S80 YALITIMLI SÜRME / S80 INSULATED SLIDING	S80-Teona: Yüksek Yalıtımlı Performans Sürme Kapi / High Insulated Performace Sliding Door (ECOSLIDE)
OFİS BÖLME SİSTEMLERİ OFFICE PARTITION SYSTEMS	YALITIMSIZ SİSTEMLER / UNINSULATED SYSTEMS	OB1-120: Struktürel Ofis Bölme Sistemi / Structural Office Partition System OB2-105: Çeçeveli Ofis Bölme Sistemi / Framed Office Partition System OB3-83: Kapaklı Ofis Bölme Sistemi / Capped Office Partition System OB4-45: Cam Cama Ofis Bölme Sistemi / Glass Office Partition System
CEPHE KAPLAMA FACADE CLADDING		Kompozit Panel Taşıyıcı Sistemi / Composite Panel Carriage System Terracotta Cephe Kaplama Sistemi / Terracotta Facade Cladding System Seramik Cephe Kaplama Sistemi / Ceramic Facade Cladding System
TAMAMLAYICI MİMARİ SİSTEMLER COMPLEMENTARY ARCHITECTURAL SYSTEMS	YALITIMSIZ SİSTEMLER / UNINSULATED SYSTEMS	G120 Giyotin Sistem / G120 Guillotine System Isı Camlı Cam Balkon Sistemi / Double Glazing Balcony System Kare Küpeşte ve Korkuluk Sistemleri / Square Railing and Balustrade Systems Menfez Sistemleri / Louver Systems Pervazlı Kapi Sistemleri / Door Sill Systems Güneş Kırıcı Sistem / Sunbreaker System C60 Yalıtımsız Doğrama Sistemleri / C60 Uninsulated Hinged Systems

BU KATALOGDA BULUNAN MARKA VE ÜRÜNLER, SİSTEM ALUMİNYUM SAN.VE TİC.A.Ş. BÜNYESİNDE OLUŞTURULMUŞ FİKİR ESERLERİ OLUP, TÜRK PATENT ENSTİTÜSÜ TARAFINDAN TESCİLLENMİŞTİR. HIÇ BİR SURETLE İZİNSİZ ÜRETİLEMEZ, ÇOĞALTILAMAZ. AKSİ DURUMLARDA KANUNİ İŞLEM YAPILIR.
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Sistem

ALÜMİNYUM



SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş. 1994 yılında 1 adet 210 ton/ay 800 tonluk kapasitesiyle, İstanbul Merter'de 750 m²'lik alanda alüminyum profil imalatına başlamıştır. Sistem bugün, Ergene-Tekirdağ'da, **75.000 m²**'si kapalı **300.00 m²**'lik bir alan üzerinde, modern bir anlayışla ve tam entegre şekilde inşaa edilmiş tesislerinde, 7 adet alüminyum ekstrüzyon pres hattı ve 2 adet alüminyum kompozit panel hattı ile üretim faaliyetlerini sürdürmektedir. Alüminyum ekstrüzyon üretim kapasitesi yıllık **67.000 tona** ulaşmıştır. Sistem Alüminyum 2020 yılında yaptığı Alüminyum Dövme Pres yatırımıyla yeni bir ürün alanına da adım atmıştır. Yine 2020 yılında doğalgaz kojenarasyon santrali yatırımı tamamlanmış olup, Sistem Alüminyum tesislerinin ihtiyacı olan elektrik enerjisinin büyük bölümü buradan sağlanacaktır.

Tesislerimiz: Kalıphanemizde **20.000** ürünün aşkın bir kalıp arşivimiz bulunmaktadır. Yıllık kapasitesi **10.000 ton** olan Elektrostatik Toz Boya Tesisimizde standart RAL renklerinin yanı sıra müşterimizin özel renk talepleri de karşılanmaktadır. Modern cihazlarla yenilenen boyahane ünitemizle 8000 mm boya sahip profiller boyanabilmektedir. 2006 yılında faaliyete başlayan Eloksal Tesisimiz için 2020 yılında yapılan ilave yatırımlarla son teknolojiye ulaşılmıştır. Müşteri özel renklerinin de çalışıldığı eloksal bölümümüzün yıllık kapasitesi **24.000 tona** ulaşmıştır. Alternatif yüzey kaplaması yapmak üzere 2010 yılında faaliyete geçirdiğimiz Ahşap Transfer Kaplama bölümümüzde özel renk ve desen çalışmaları yapılabilmektedir. 2010 yılında kurulan Mekanik İşlem Merkezimizle müşterilerimizden gelen talepler doğrultusunda profil yüzeyine delme, havşalı delme, boşaltma, CNC işlemleri, hassas kesim, açılı kesim, punch ile delme, matkapla delme, fitil v.b. işlemleri uygulanabilmektedir.

Üretim kapasitesinin büyük bölümünü ihracata ayıran şirketimiz yurt içinde de aynı kalitede hizmet vermektedir. Bu amaçla tümüyle kendi imkân, teknoloji ve **AR-GE** çalışmaları neticesinde; giydirme cephe sistemlerini, yalıtımlı-yalıtımsız doğrama, sürme, ışıklık, çelik takviyeli cephe, kompoze ve taş kaplama alt taşıyıcı sistemlerini **ALUTECH SYSTEM SERIES** markası altında piyasaya sürmüştür. Sektöre sunulan sistemler her aşamada mühendislik testlerinde geçirilmiş ve Avrupa (EN) normlarında tüm aksesuarlarla uyumu sağlanmıştır. Şirketimiz, misyonu gereği müşteri memnuniyetini baz aldığından; gerek optimum çözümler sunan profil dizaynlarımızla, gerek montaj kolaylığı sağlayan detaylarımızla gerekse malzeme kalite ve tedarik hızımızla ayrıcalıklı hizmet vermeyi ilke kabul etmiştir. Ayrıca farklı tasarım ve uygulamalara cevap verebilecek şekilde, cephelerin vazgeçilmez bir unsuru olan Alüminyum Kompozit Paneller, **ALUTECHBOND** markamız altında, **A2, FR ve B2** tiplerde üretilmektedir. Kompozit panel hatlarımızda; dış cephe ve iç cephe uygulamaları için metalik renkli, mat renkli ve desenli renk seçeneklerinde ve istenilen ölçülerde özel panel üretimi yapılabilmektedir. Yıllık **4.200.000 m²** kapasitesi olan iki üretim hattımız ile projelerinize optimum çözüm sunmaya hazırız.

Alüminyum profil sektöründe sürekli gelişmeyi ve kalıcı olmayı hedefleyen firmamız kalite sistem çalışmalarıyla da bu amaca ulaşmada hızlı adımlarla ilerlemektedir. **CE, TSE**, statik toz boya uygulamaları için **Qualicoat**, eloksal uygulamaları için **Qualinoad** belgelerine sahip olan firmamız ayrıca; **IATF 16949, ISO 9001, ISO 14001, ISO 45001, ISO 50001 ve ISO 27001** sistem belgelerine de sahiptir. Ayrıca Sistem Alüminyum, kendisinden temin ettiği malzemeler içinde **REACH** ve **ROHS** kısıtlamasında bulunan kimyasalların (ağır metaller) yasal sınırlar içinde bulunduğunu teyit etmektedir.

Alanında bir ihracat lideri olan Sistem Alüminyum, 2018 ve 2019 ihracat satış rakamlarıyla, İstanbul Demir ve Demir Dışı Metaller İhracatçıları Birliği (İDDMİB) tarafından, "**Alüminyum Çubuk ve Profiller**" kategorisinde üst üste iki yıl "**İhracatın Metalik Yıldızı, Birincilik Ödülü**" ile onurlandırılmıştır.

Tüm ürünlerimiz için müşterilerimize her türlü mühendislik ve mimari uyum konusunda teknik hizmet vermekten onur duyuyoruz. Yeni ürünlerimiz ve hizmetlerimizle hizmetinizdeyiz.

Saygılarımızla,

Sistem ^{Al}

ALÜMİNYUM

SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş. has started to produce aluminum profiles in 1994. Sistem Alüminyum is an integrated facility that starts from mold production and includes extrusion production, electrostatic powder paint, wood coating, anodizing, mechanical processing, composite panel manufacturing and final applications. Today, the company continues its production activities with 7 aluminum extrusion press lines and 2 aluminum composite panel lines in its facilities established on an area of **75000 m²** in Ergene-Tekirdağ. The aluminum extrusion facility has annual production capacity to **67.000 tons**.

Our company allocates a large part of its production capacity for exportation and also serves with the same quality in domestic markets. With this purpose, it has released curtain wall systems, isolated-nonisolated frames, sliding, skylight, steel reinforced facade, composite and stone faced sub-carrier systems, under the brand of **ALUTECH SYSTEM SERIES**, as a result of entirely their own efforts, technology and **R & D** activities. Systems presented to the industry have been tested with engineering tests at every stage and compliance with all accessories in European (EN) standards is provided. Our company, which is based on customer satisfaction as of the nature of its mission; adopted the principle of providing exceptional service with the profile designs that provide optimum solutions, with ease of installation with our details and with quality of materials and supply speed.

Facilities: Our die house department supports our current production with CNC processing centers, modern branches and qualified staff. Die production for special customer's profiles is also executed here with modern equipment. We have a huge die archive of more than **20.000** pieces in our diehouse. In our Electrostatic Powder Coating Plant with an annual capacity of **10,000 tons**, besides the standard RAL colors, the special color demands of our customers are also met. Profiles with a length of 8000 mm can be coated in our new paint shop unit commissioned in Ereğli Facility. With the additional investments made in our Anodizing Facility, which was commissioned in 2006, has the latest technology in Turkish aluminum sector. The annual capacity of our anodizing department, where customer-specific colors are also studied, has reached **24,000 tons**. Special color and pattern studies can be carried out in our Wooden Transfer Coating department, which we launched in 2010 to make alternative surface coating. With our Mechanical Processing Center which is established in 2010, in line with the demands of our customers, drilling on the profile surface, countersunk drilling, unloading, blanking, CNC operations, precision cutting, angle cutting, punching, drilling, roving, etc. operations can be applied.

Aluminum Composite Panel is an irreplaceable part of facades, as it can respond to different designs and applications, is produced in our facility. For exterior and interior applications, different composite panels with the options of metallic color, matte color, and patterned colors are available and panels can be produced in the required measurements. With two production lines that have an annual capacity of **4.2 million m²**. Aluminum Composite Panels are produced under **ALUTECHBOND** brand in **A2, FR** and **B2** types. We are ready to offer the optimum solutions for your indoor and outdoor façade projects.

Our company, which aims to develop and be permanent in the aluminum profile sector, is taking fast steps to achieve this goal with its quality system studies. Our company has **CE, TSE, Qualicoat** for static powder paint applications, **Qualinoad** for anodizing applications. Sistem also has **IATF 16949, ISO 9001, ISO 14001, ISO 45001, ISO 50001** and **ISO 27001** system certificates. In addition, Sistem Alüminyum confirms that the chemicals (heavy metals) that are under **REACH** and **ROHS** restrictions are within legal limits.

Sistem Alüminyum has also stepped into a new product area with the Aluminum Forging Press investment made in 2020. In this year, the natural gas cogeneration plant investment was completed, and most of the electrical energy needed by Sistem Alüminyum facilities will be supplied from here.

Sistem Alüminyum is an award-winning export leader. We have **"Metallic Star of Export, First Prize Award"** for two consecutive years, in the category of **"Aluminum Rods and Profiles"** by the Istanbul Ferrous and Non-Ferrous Metals Exporters Association / IDDMIB (with the 2018 and 2019 export sales figures).

We are honored to provide technical services to our customers for all kinds of engineering and architectural harmony for all our products. We are at your service with our new products and services.

Best Regards.



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MALZEME TEKNİK ÖZELLİKLERİ / TECHNICAL PROPERTIES OF MATERIALS

Alüminyum profil üretim tesisimiz ISO 9001 , ISO 14001 , OHSAS 18001 ve ISO/IEC 27001 kalite güvence belgelerine sahiptir.

1-Profil Hammaddesi (Raw Material) : AA 6063 (AlMgSi 0.5 F22) , EN 573-3

2-Mekanik Özellikler (Mechanical Properties) : EN 755-2

Yoğunluk (Density) : 2.71 g/cm³

Elastisite Modülü (Elasticity Modul) : 7000 kN/cm²

Kopma Mukavemeti (Yield Strenght) : 215 N/mm²

Akma Mukavemeti (Flow Strenght) : 160 N/mm²

Uzama (Elongation) : minimum 6 %

Sertlik (Hardness) : 70 HRB

3-Bariyer Hammaddesi

a-PA 66 GF 25 (25 % cam elyaf takviyeli polyamid) (25 % the manufactured from glass stiffened polyamid): Elokso ve toz boya işleminden önce yerleştirilir. (Placed into the aluminium profiles before anodic oxidation and powder coating.)

b- PVC :

Elokso ve toz boya işleminden sonra yerleştirilir. (Placed into the aluminium profiles after anodic oxidation and powder coating.)

PVC bariyerler, Polyamid bariyerlere göre 10 % daha ağırdır. (PVC insulation bars are 10 % heavier than Polyamid insulation bars .)

4-Elokso (Anodic Oxidation)

Elokso Ürünleri İlişkin Teknik Resim Standardı : DIN 17611 , EN 12371-1 (QUALANOD)

(The Standarts of Technical Delivery Terms Regarding Eloxal Products)

Elokso Tabakasının Kalınlığı (Thickness of Eloxal Coating): 10-15 mikron, EN ISO 2360

Daldırma ve Renklendirme Standardı (The Standarts of Immersion Coloring) : DIN 50018

Tesbit İşlemi Standardı (Sealing Standarts) : EN 12373-5 , ISO 3210 (TS 2676)

5-Toz Boya Standartları (The Standarts of Powder Coating)

Kalınlık (Thickness) : min. 60 mikron

Adhezyon (Adhesion) : EN ISO 2409

Esneklik (Elasticity) : EN ISO 1519

Deformasyon (Deformation) : EN ISO 6272-1

Sertlik (Hardness) : EN ISO 2815

6-Yüzey Görünümü (Surface Appearance) : Gözle yapılacak kontrolde,yüzey üzerinde kaplanmış alan,çizik,pütürlük,kabarıklık,leke,soyulma vb. hatalar görülmemelidir. (By visual observation,there has been no defects seen on the surface,such as stratches cramped shapes,swellings,stain etc. on the exposed areas.)

7-Tüm Fitiller (All gaskets)

Hammadde (Raw material) : EPDM

Derz fitilleri hammaddesi (Raw material of Gaskets for suture) : Silikon (Silicone)

Ölçü Toleransları Standardı (Measurement Tolerances Standarts) : DIN ISO 3302-1/E2

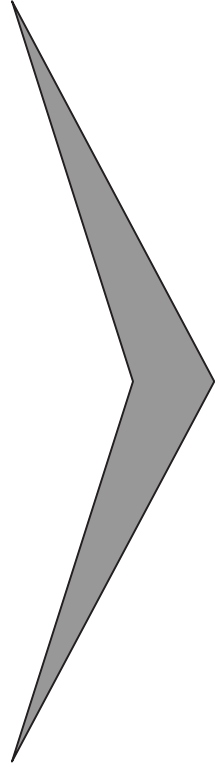
Kalite Kontrol Standardı (Quality Control Standart) : RAL-GZ 716

8-Profil Tasarım ve Üretimindeki Ölçü Toleransları Standartları : EN 12020-2

(Measurement Tolerances Standarts for Profile Design and Manufacturing)

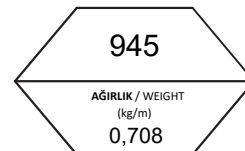
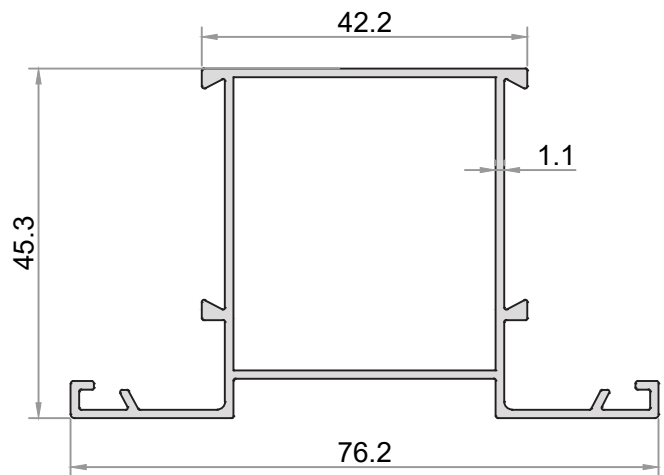
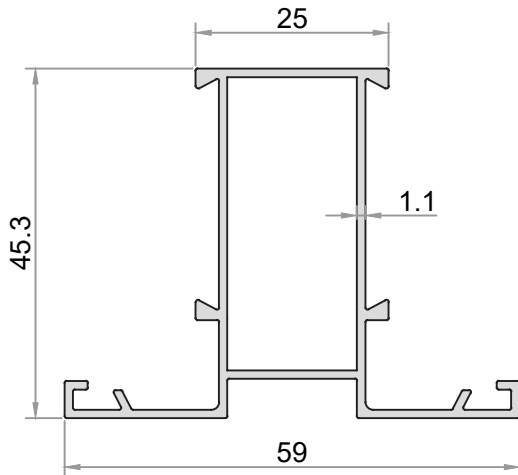
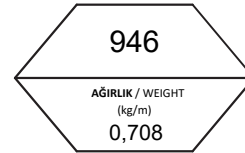
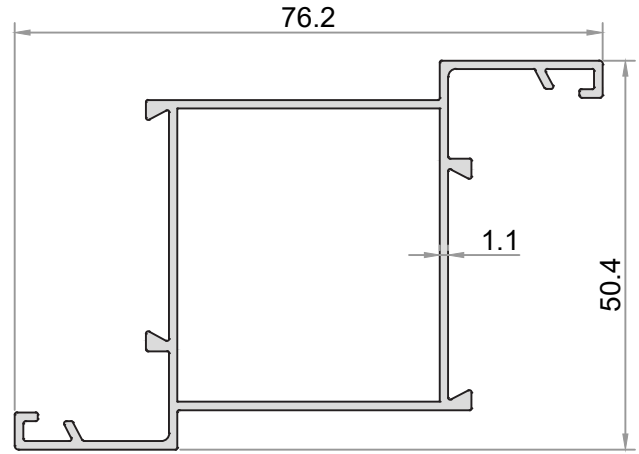
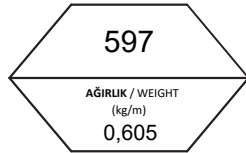
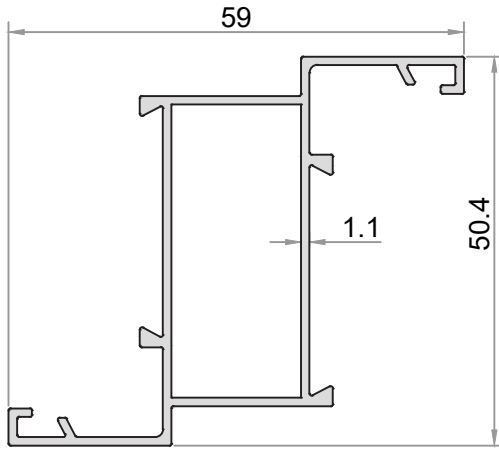
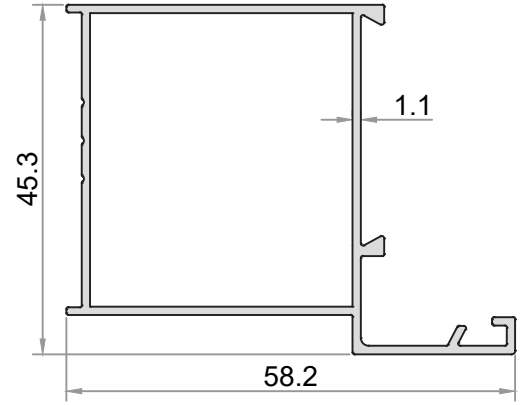
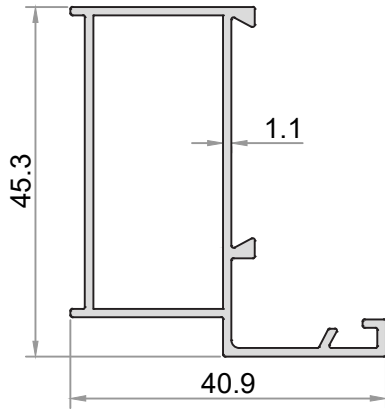
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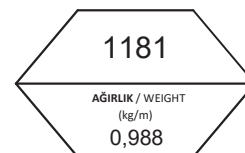
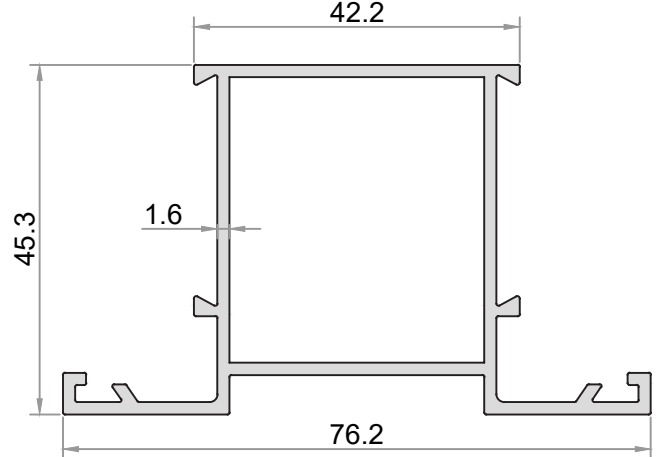
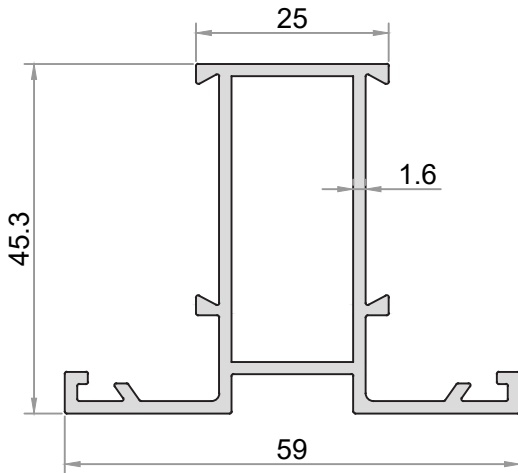
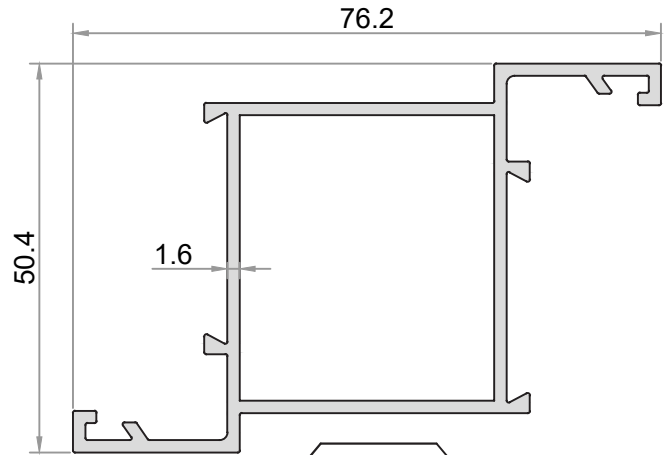
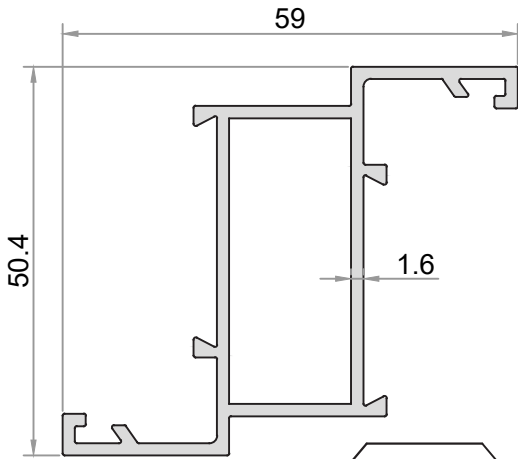
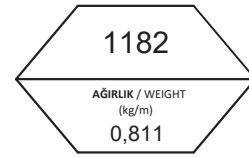
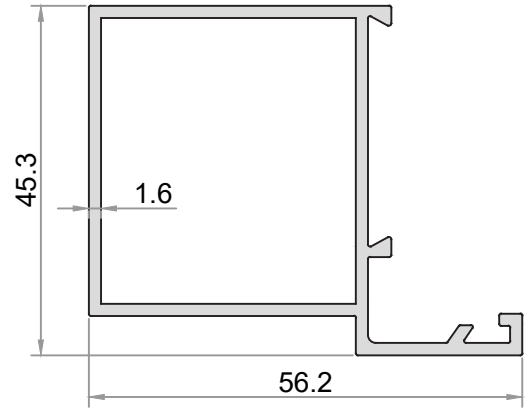
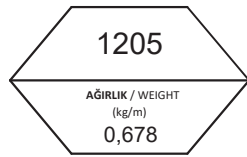
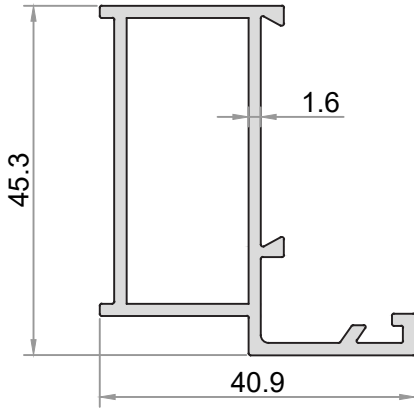
PROFILES

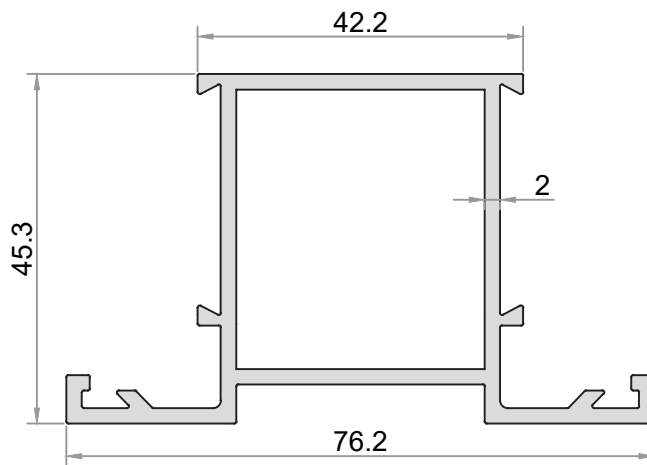
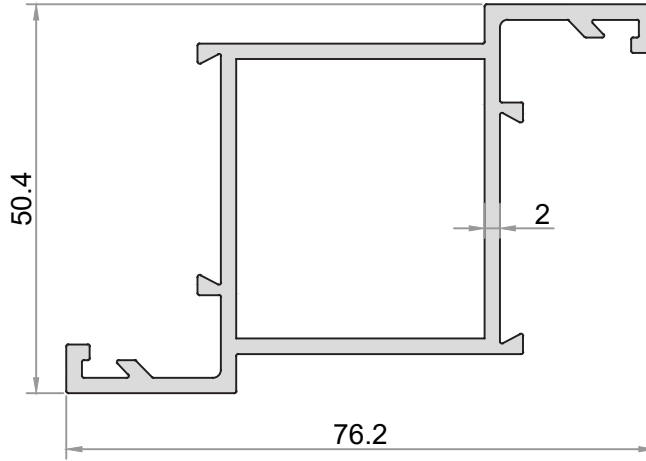
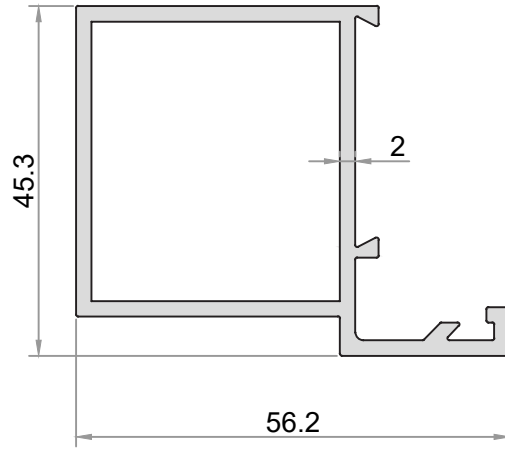


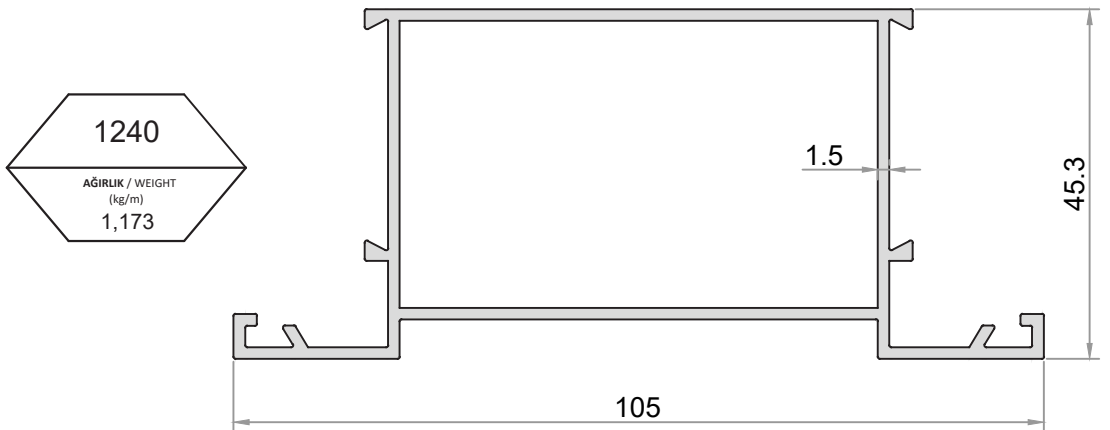
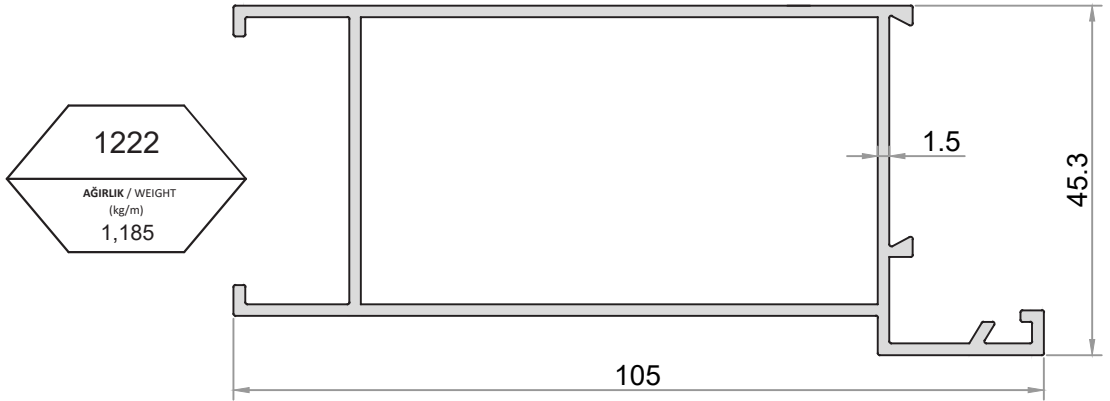
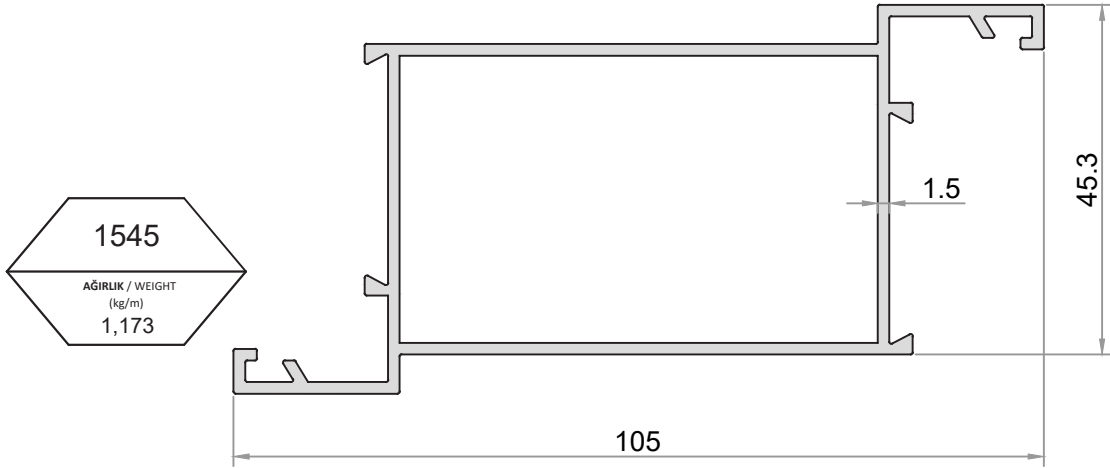
► KATALOGDA BELİRTİLEN TÜM PROFİL AĞIRLIKLARI TEORİK OLUP PROFİLLERİN PRES(HAM) HALLERİNE AİTTİR. ISI BARİYERİ ÇEŞİDİNE VEYA PROFİL YÜZEYİNDEKİ BOYA KALINLIKLARINA BAĞLI OLARAK AĞIRLIK FARKLILIKLARI OLUŞABİLMEKTEDİR. WEIGHTS IN THIS CATALOGUE ARE THEORETICAL AND BELONG TO MILL FINISH SURFACE. ACCORDING TO THE INSULATION BAR TYPE OR THICKNESSES OF THE PAINT ON THE PROFILE SURFACE, THERE COULD BE WEIGHT DIFFERENCES.

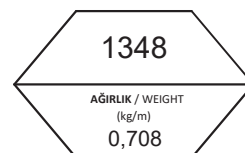
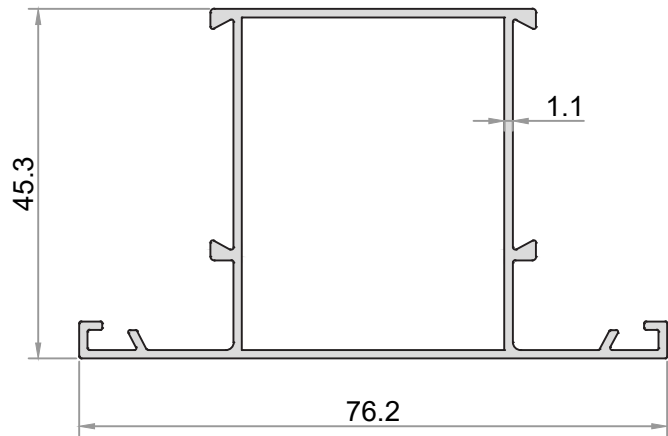
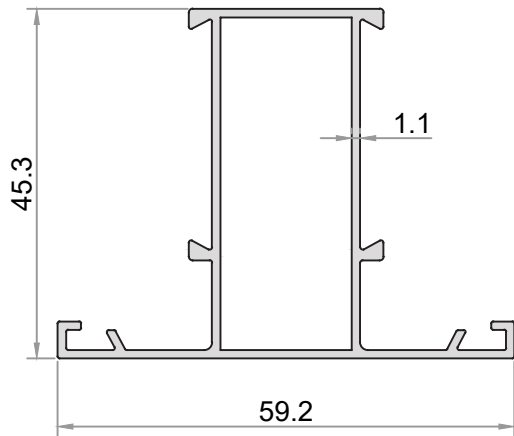
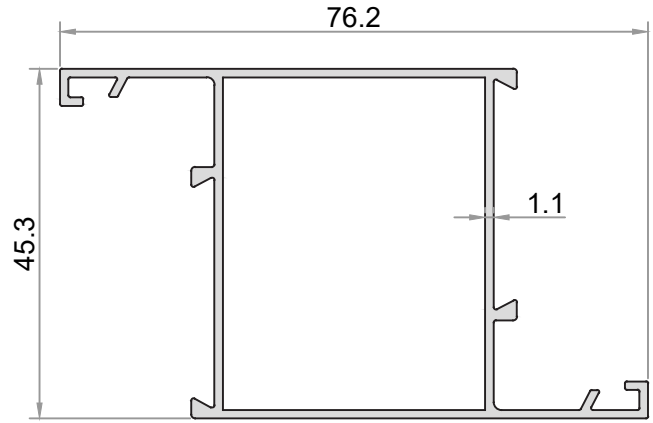
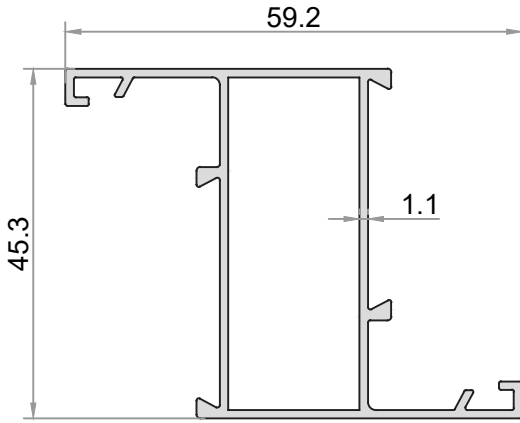
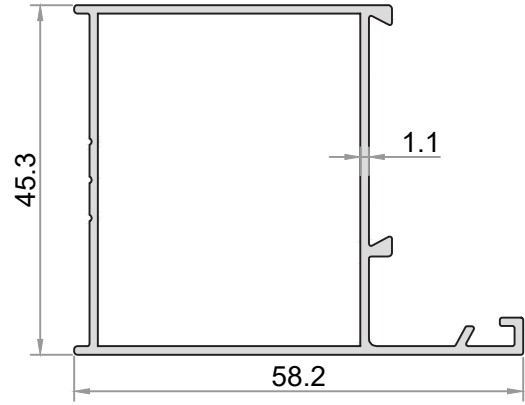
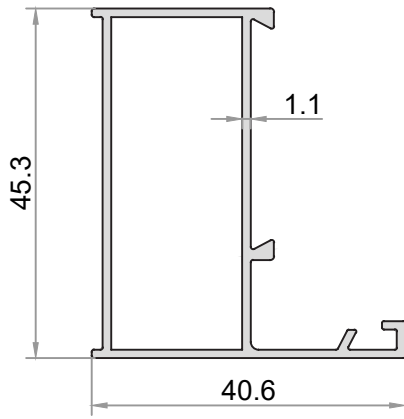
► SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR. SİSTEM ALÜMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.

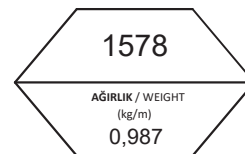
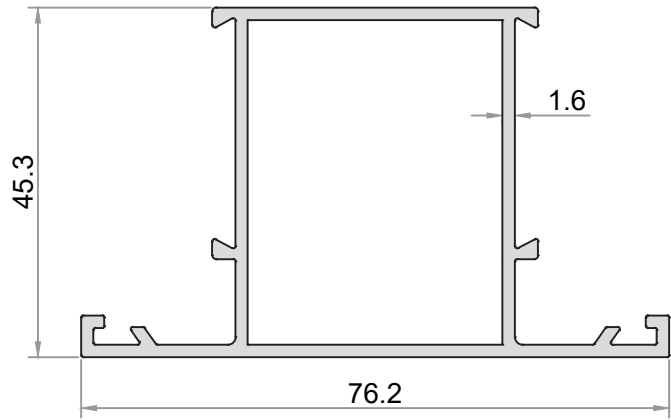
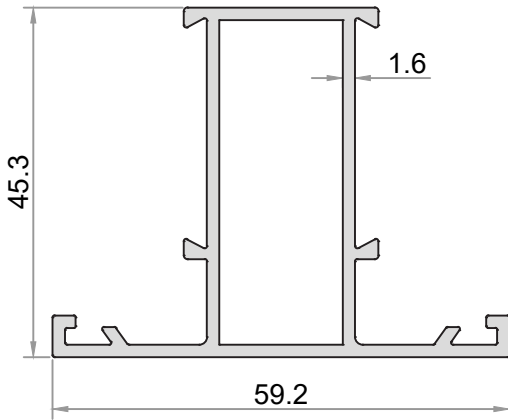
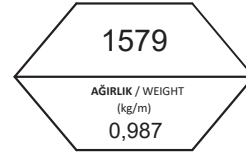
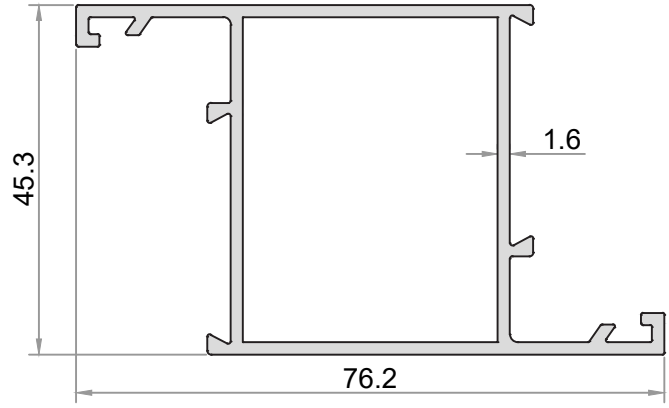
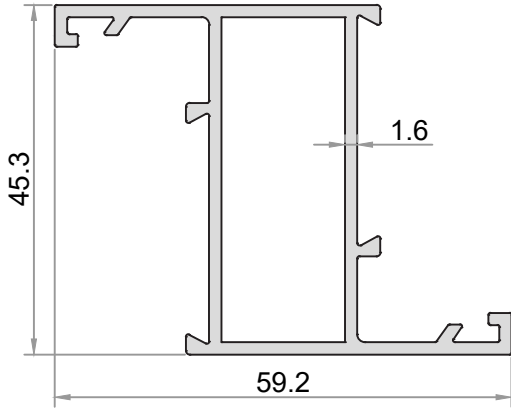
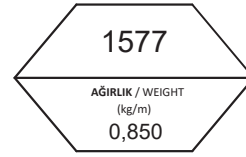
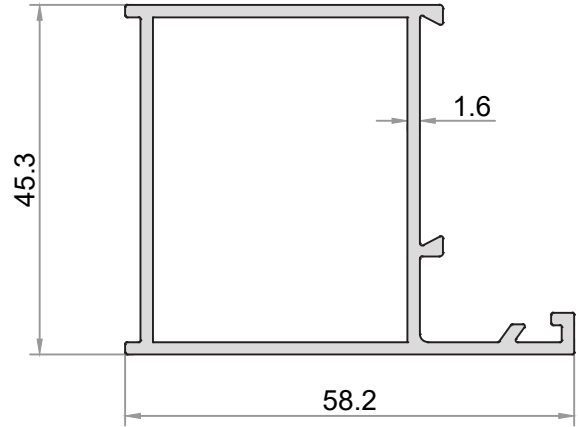
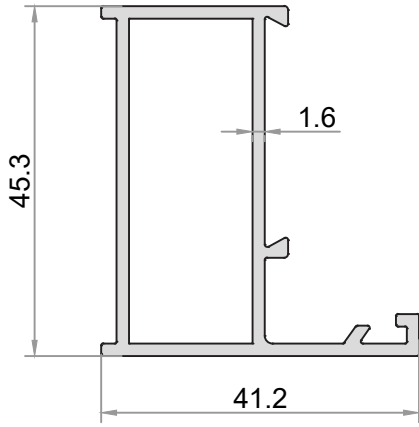


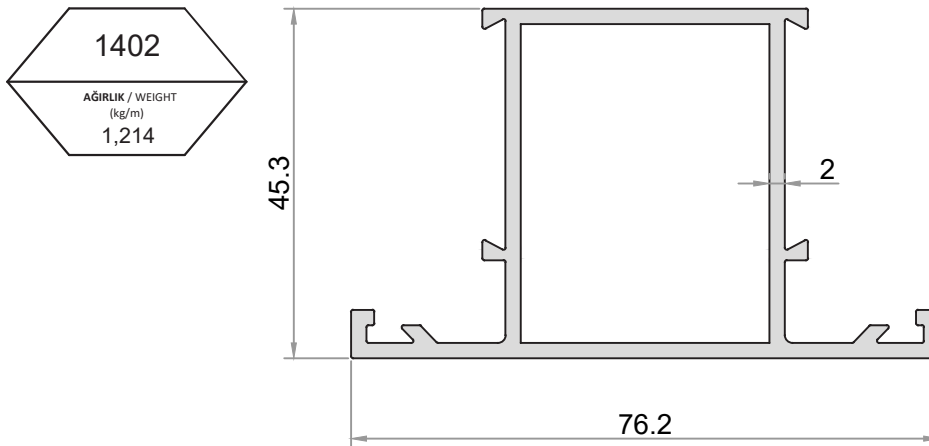
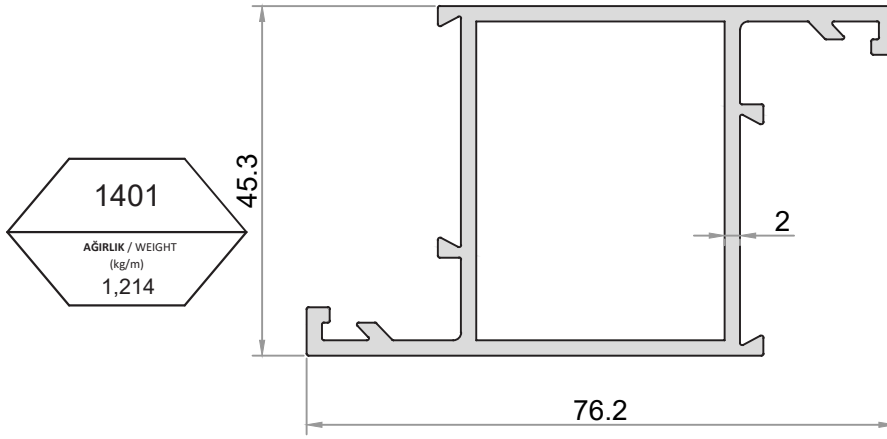
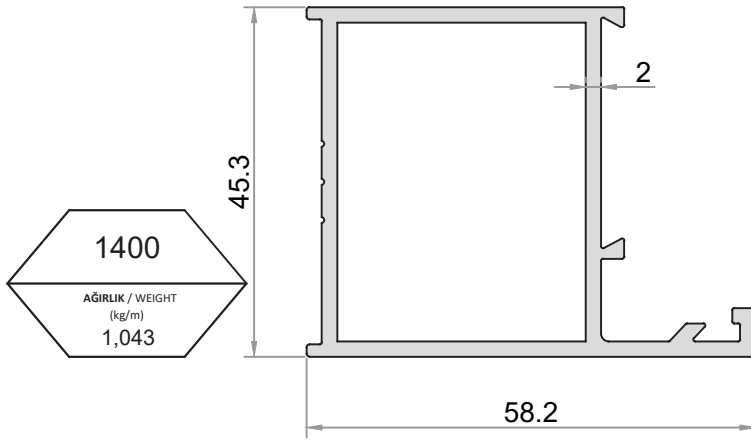


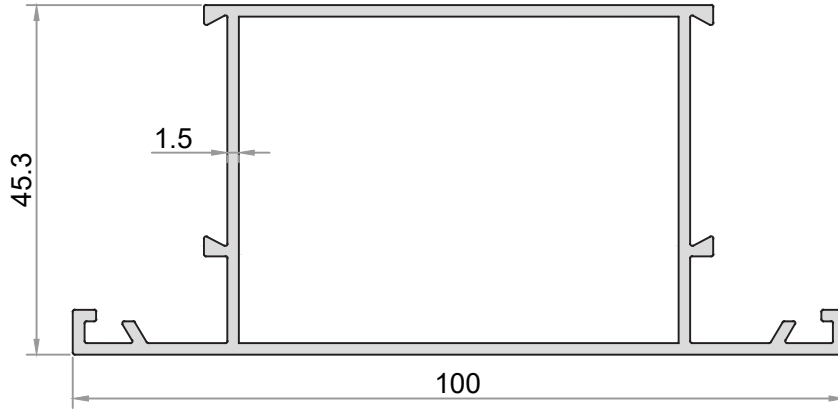
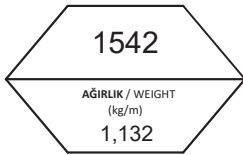
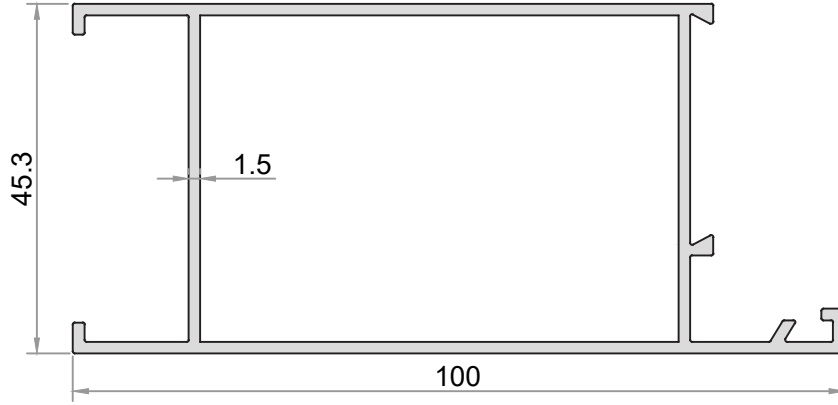


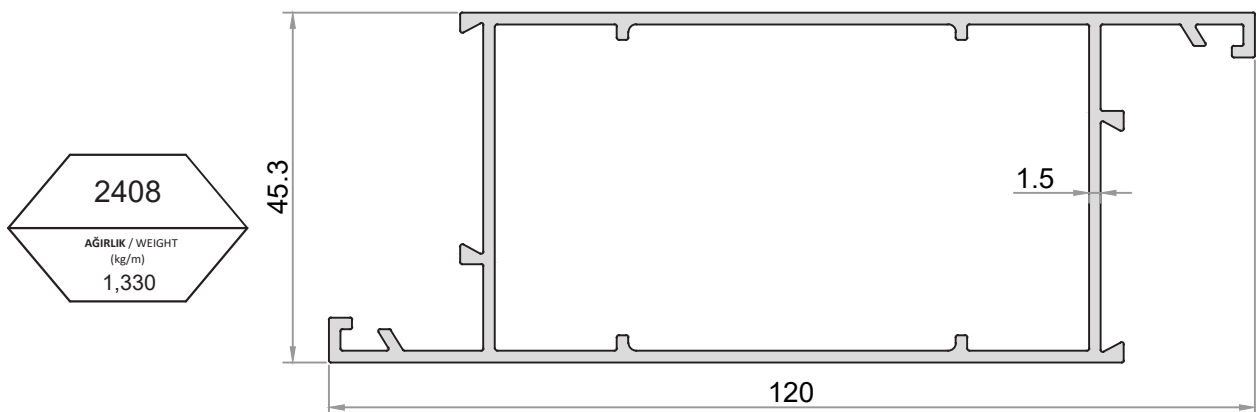
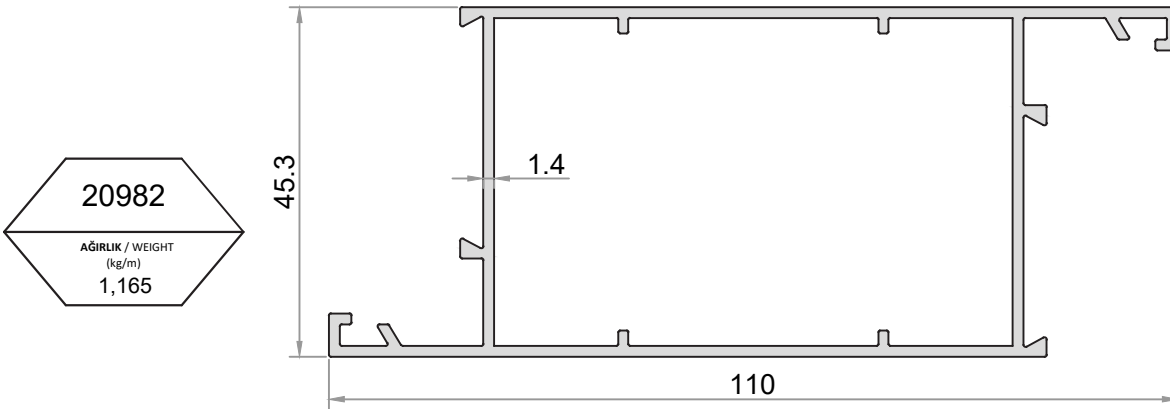
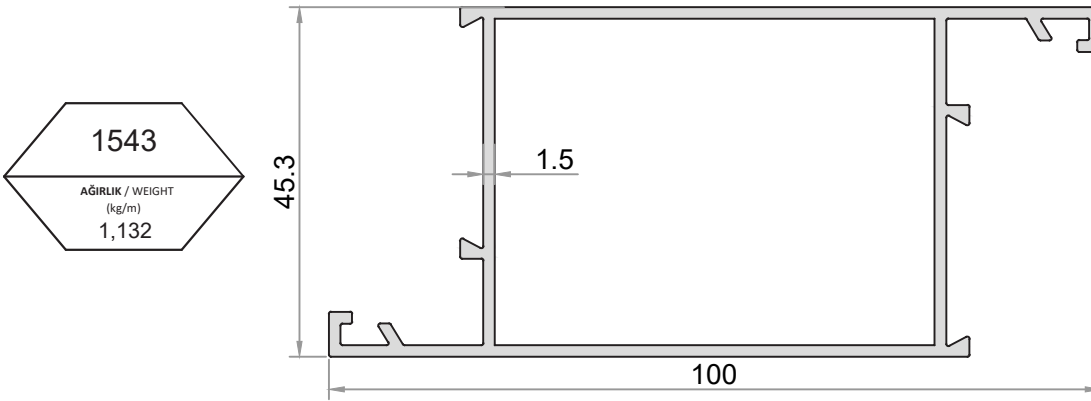
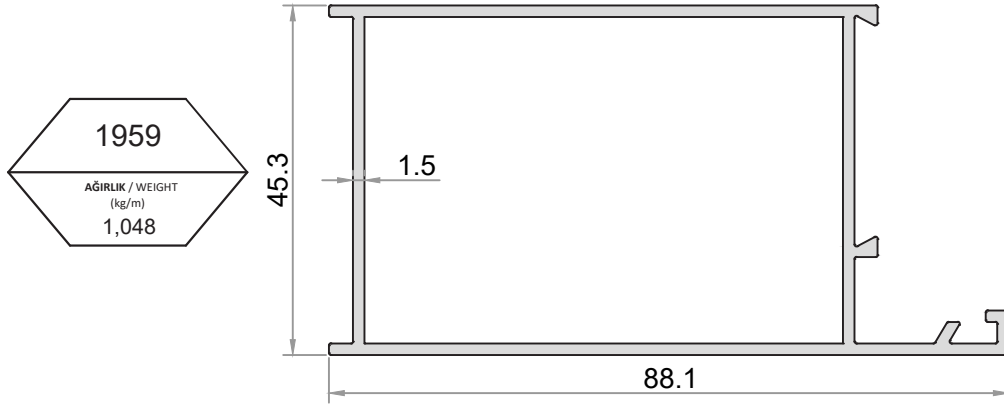


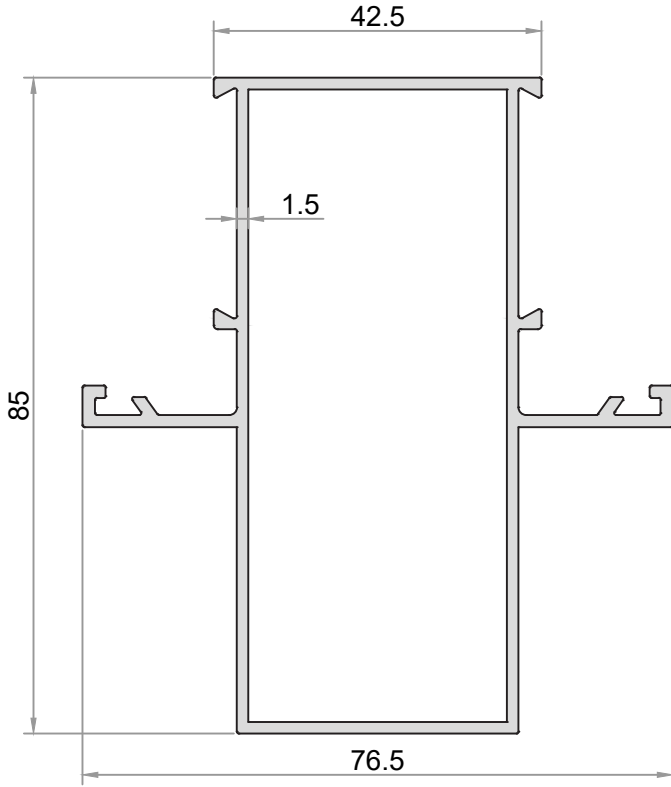






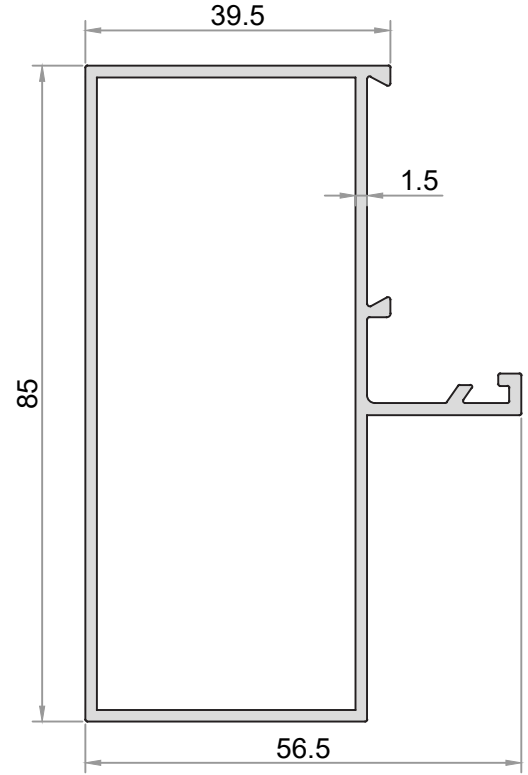






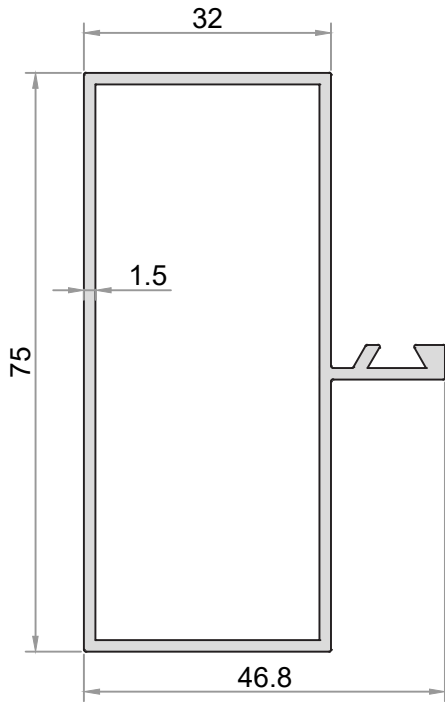
1122

AĞIRLIK / WEIGHT
(kg/m)
1,272



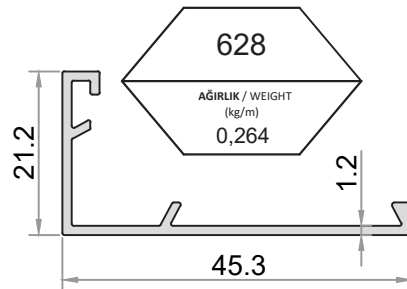
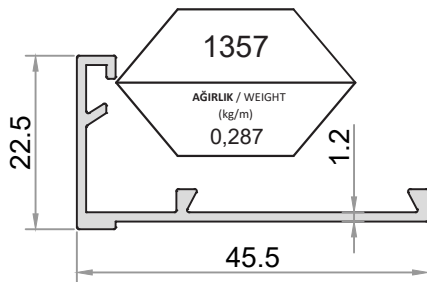
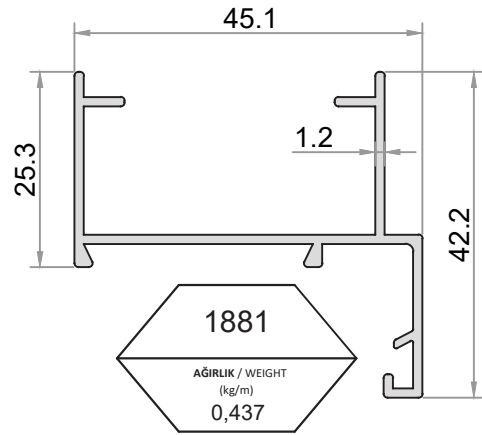
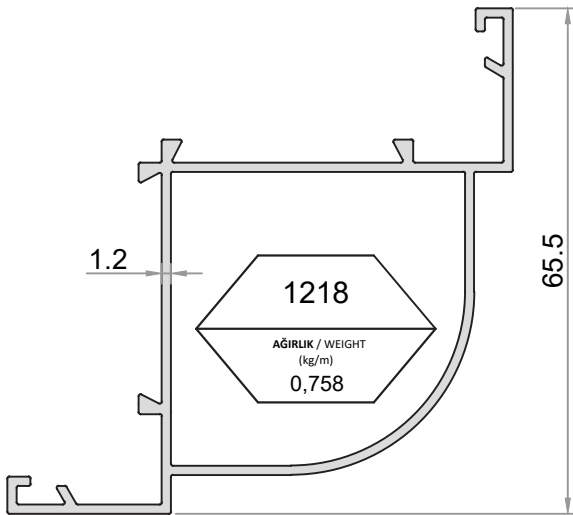
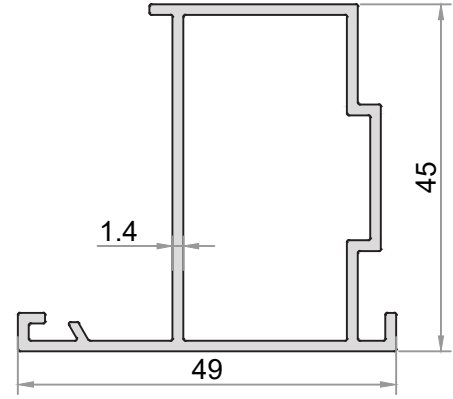
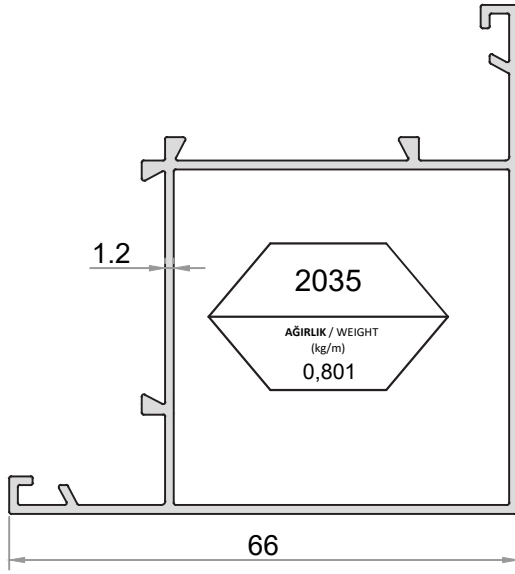
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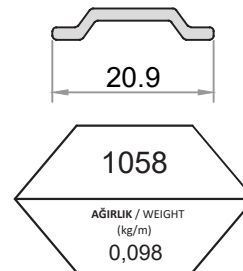
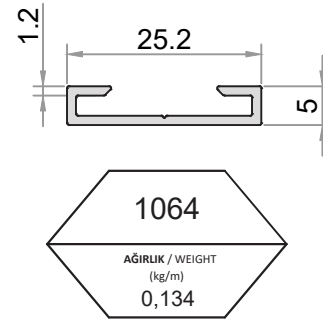
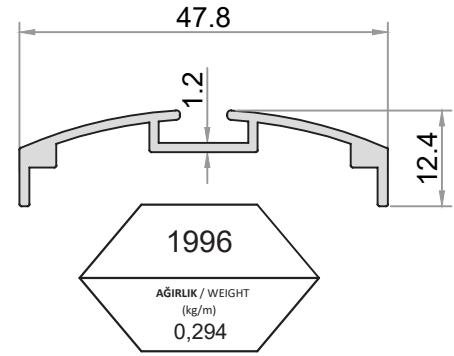
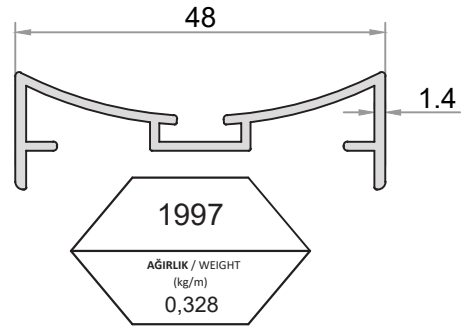
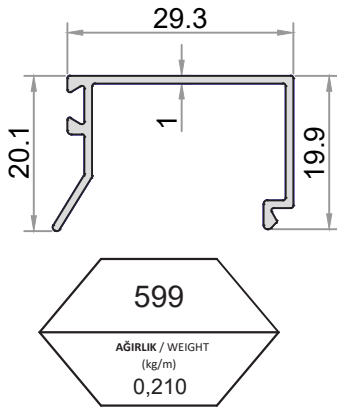
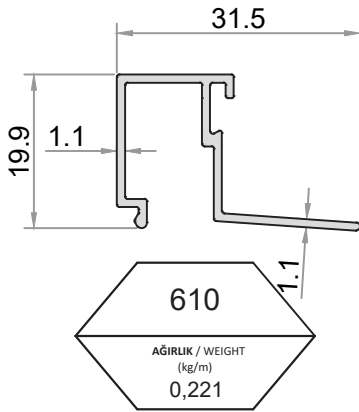
AĞIRLIK / WEIGHT
(kg/m)
1,118

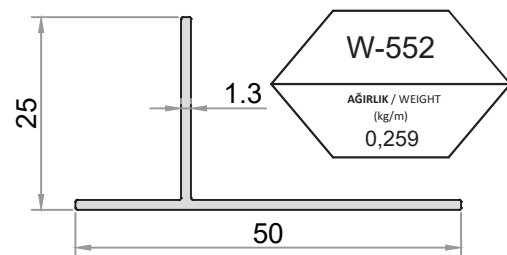
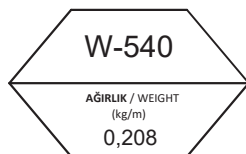
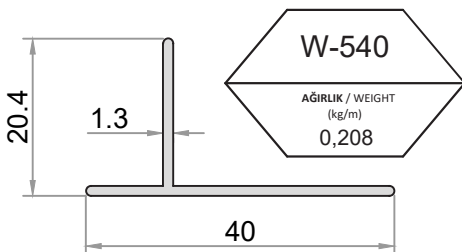
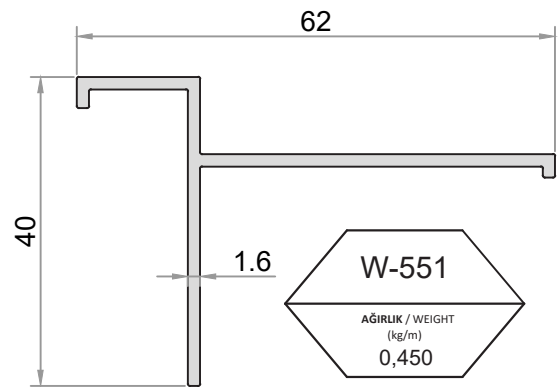
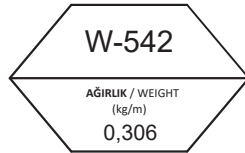
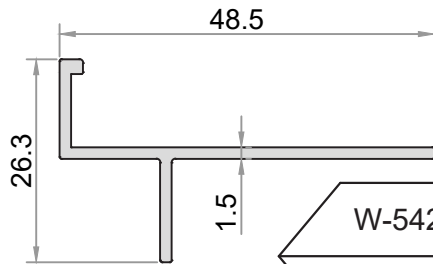
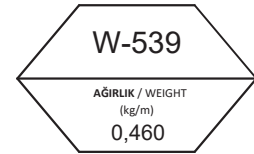
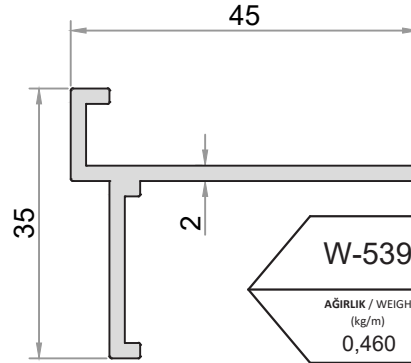
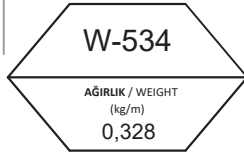
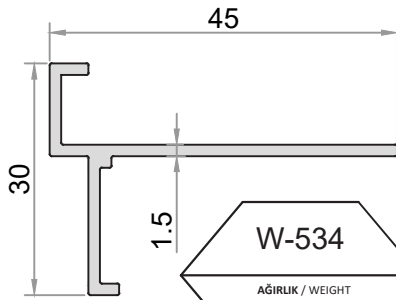
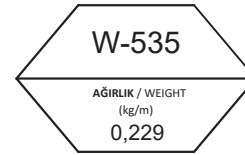
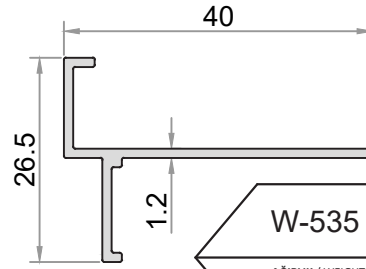
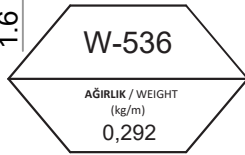
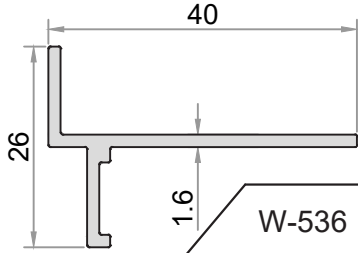
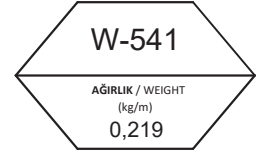
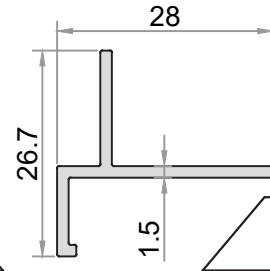
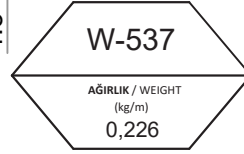
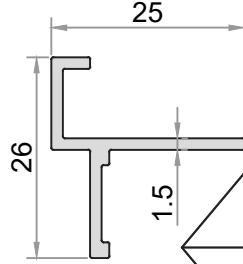
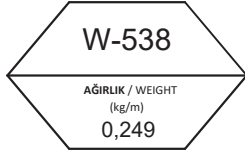
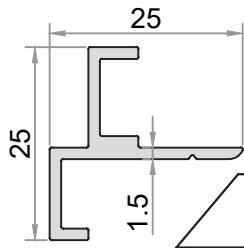


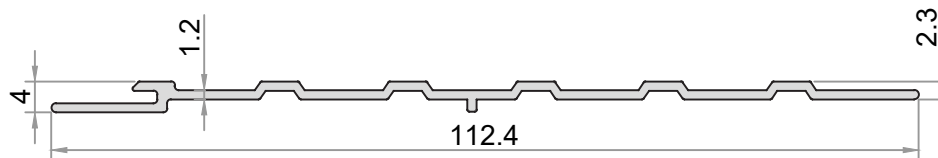
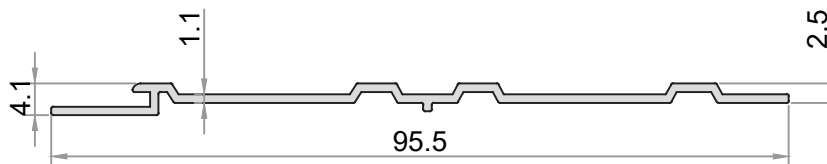
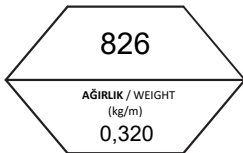
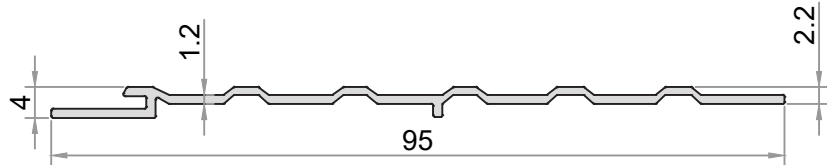
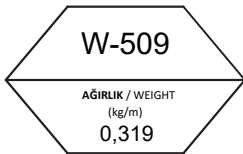
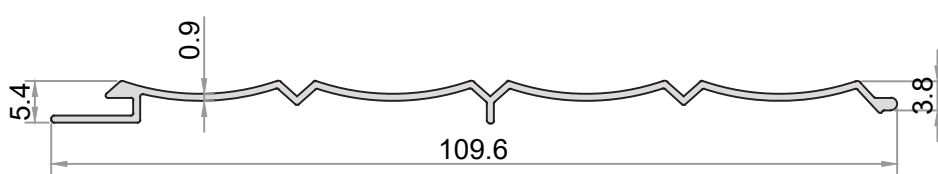
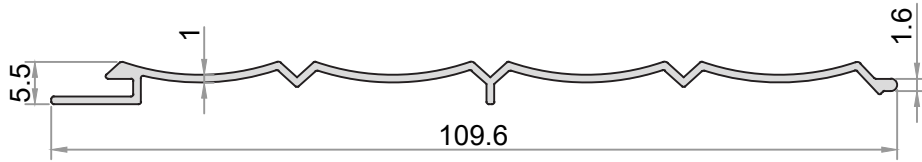
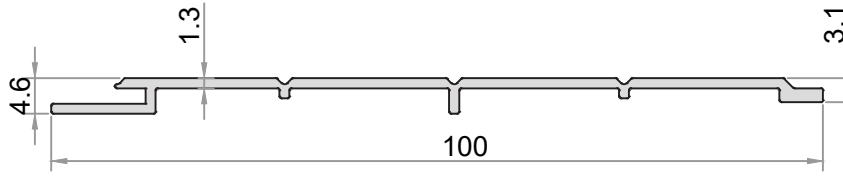
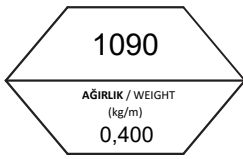
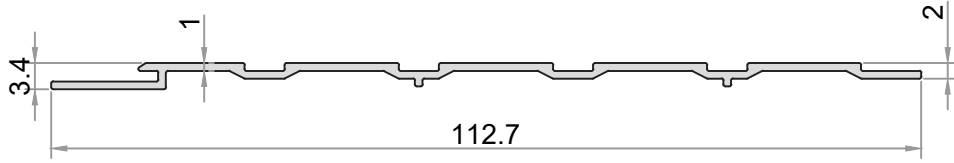
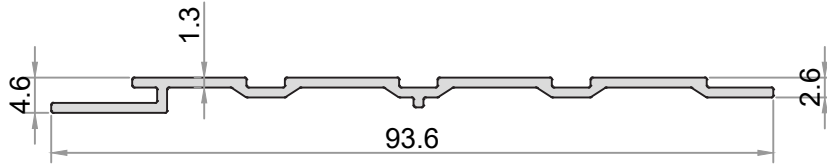
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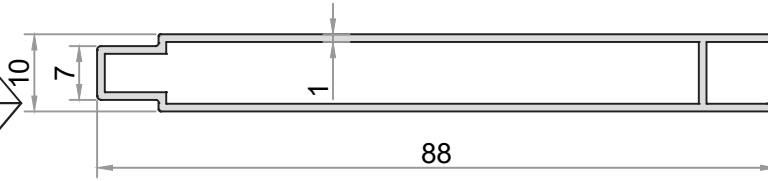
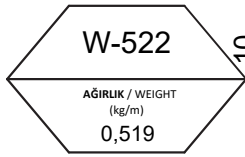
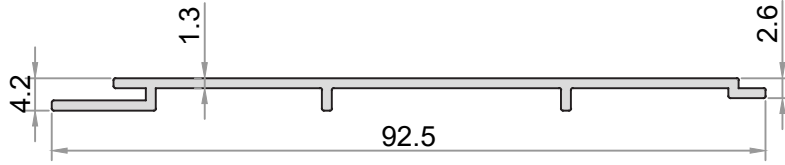
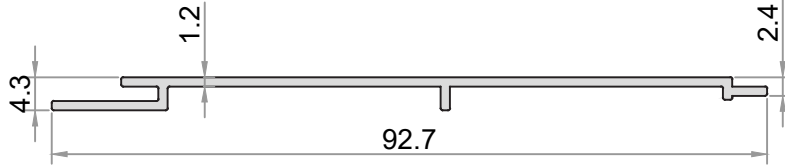
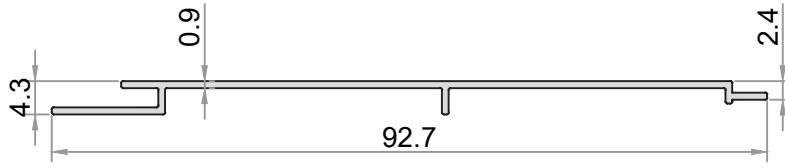
AĞIRLIK / WEIGHT
(kg/m)
0,945

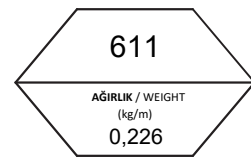
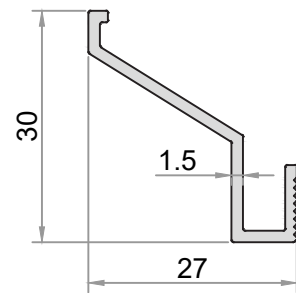
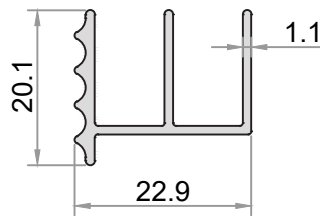
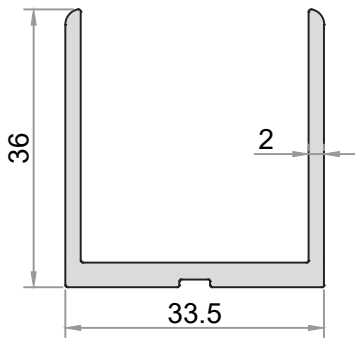
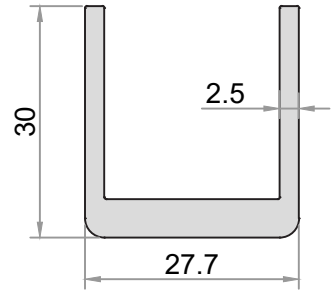
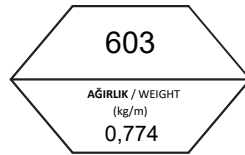
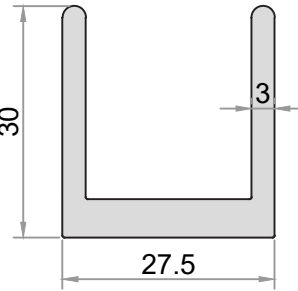
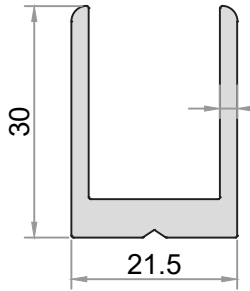
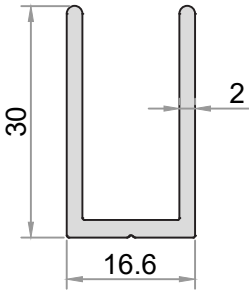
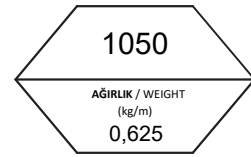
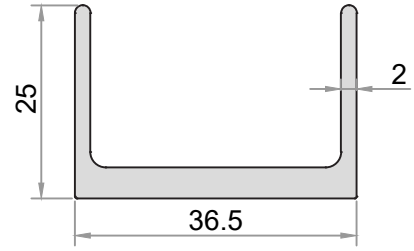
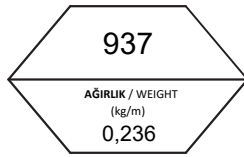
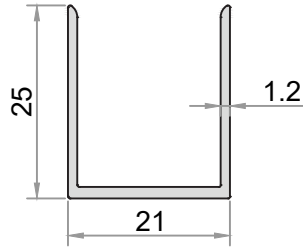
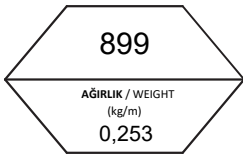
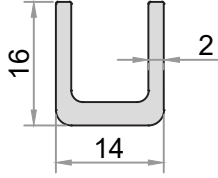


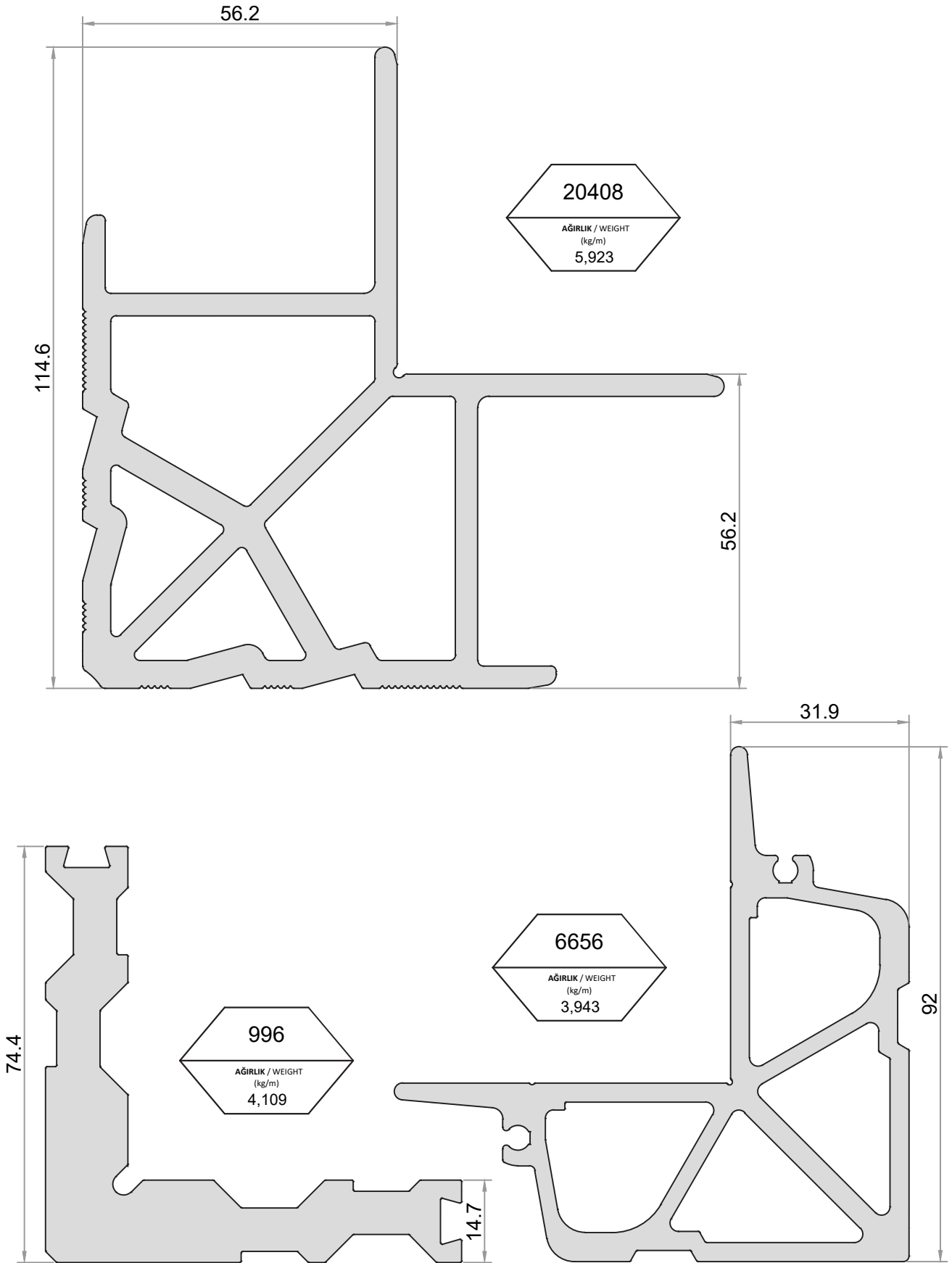






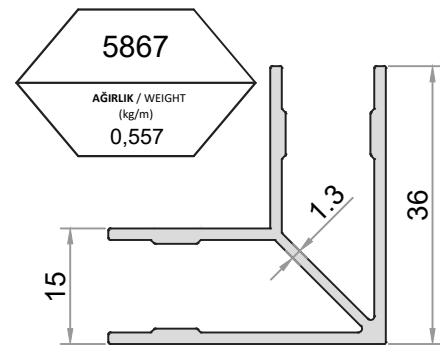
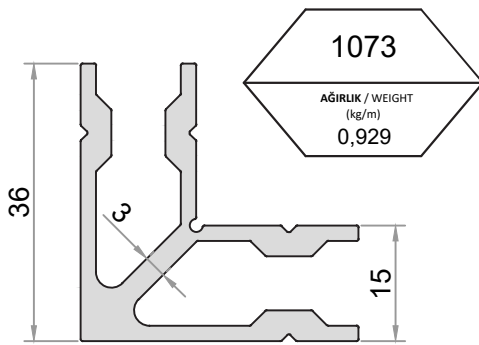
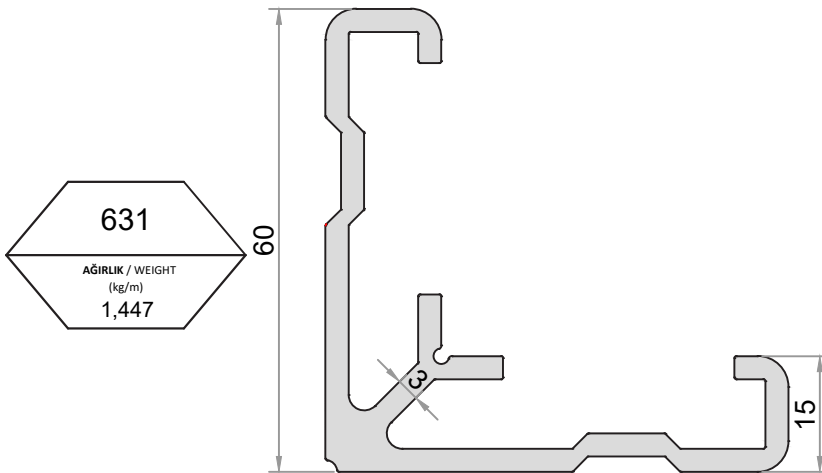
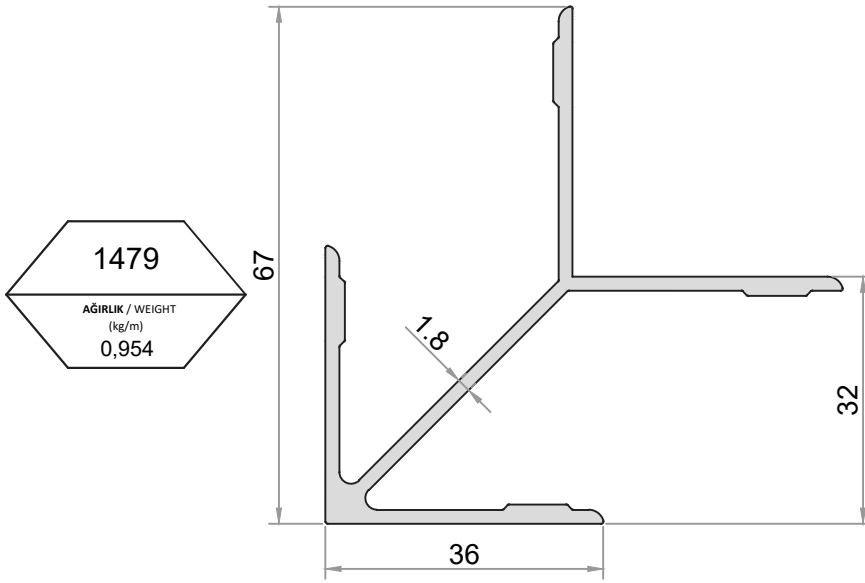






Not: Köşe bağlantı profillerimiz ve dikey bağlantı profillerimiz kesilmiş adet olarak satılmaktadır.

Note: Corner and vertical connection profiles are sold in pieces.

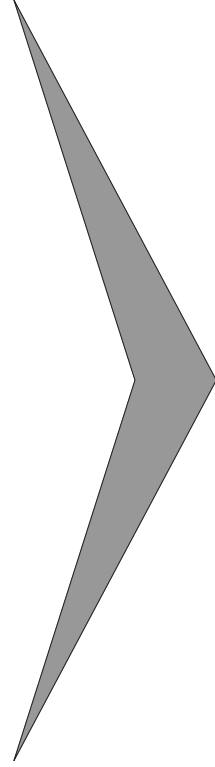


Not: Köşe bağlantı profillerimiz ve dikey bağlantı profillerimiz kesilmiş adet olarak satılmaktadır.

Note: Corner and vertical connection profiles are sold in pieces.

DETAYLAR

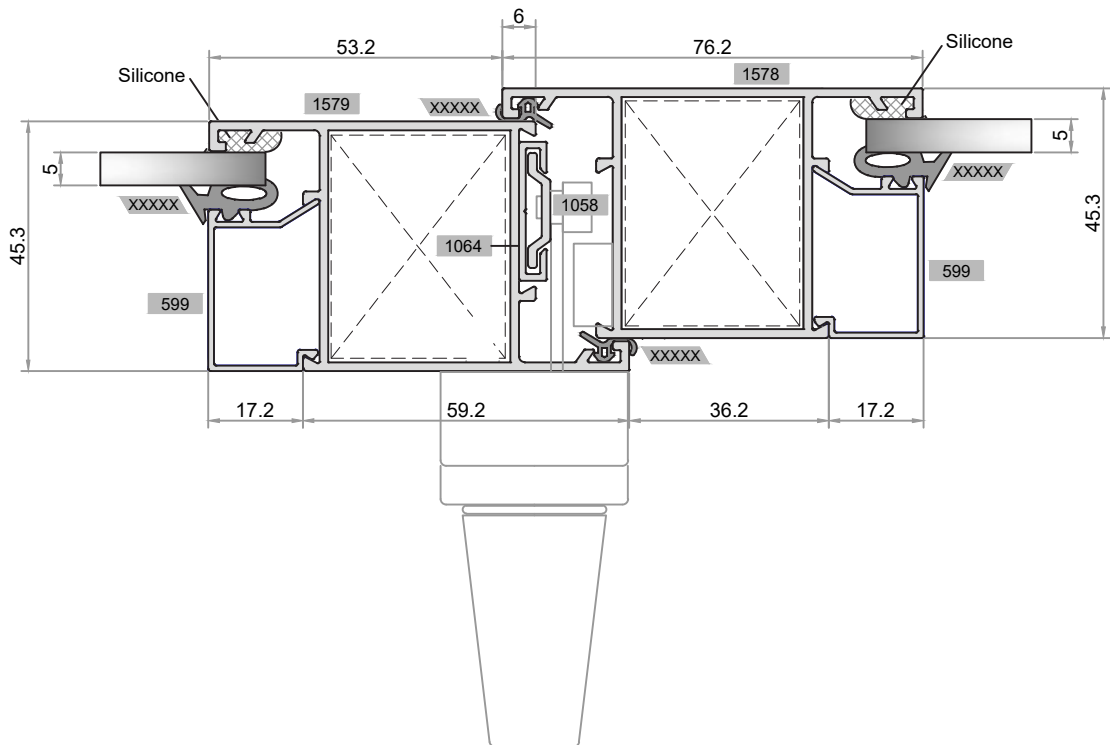
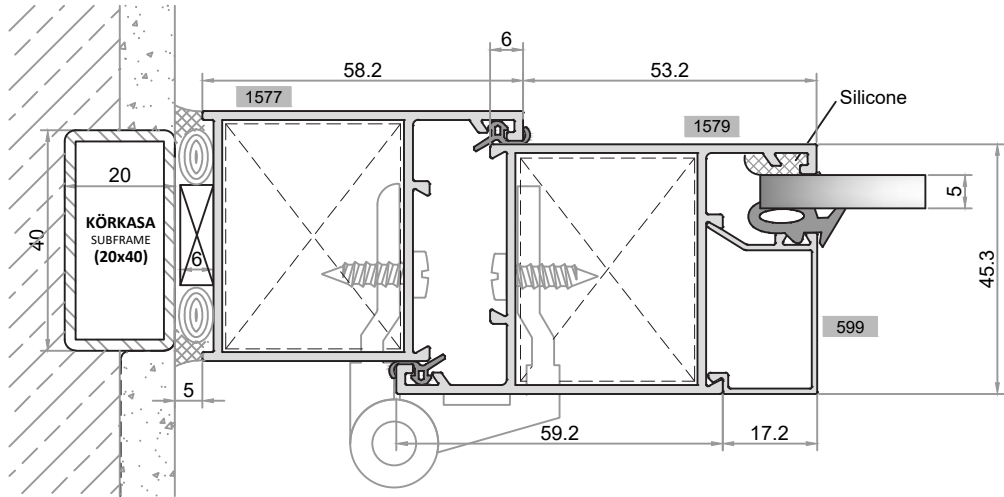
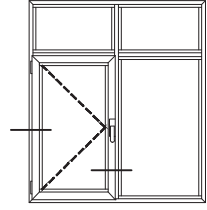
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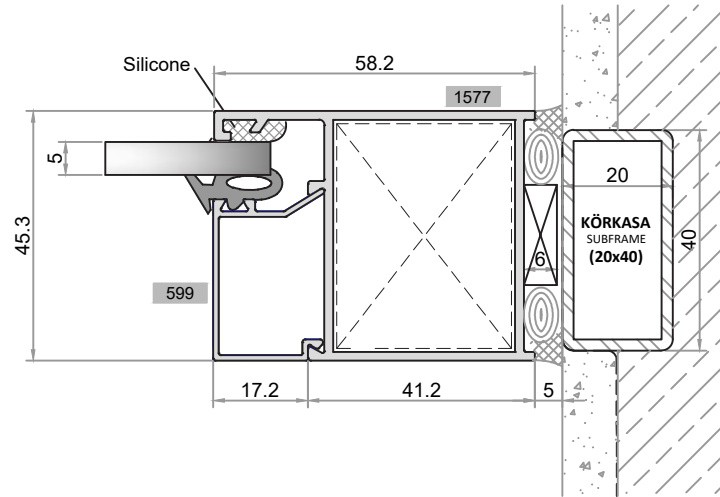
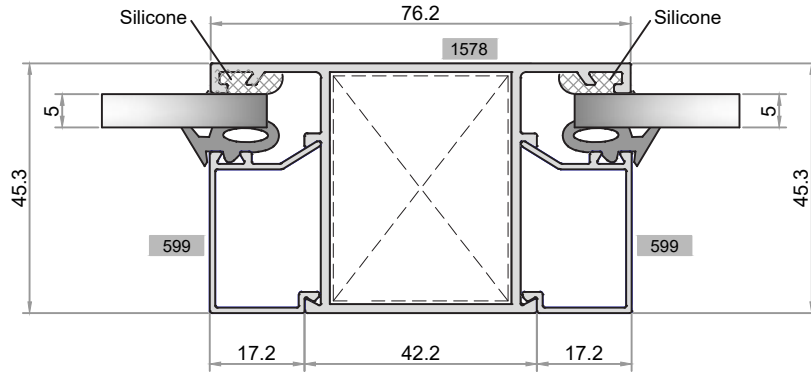
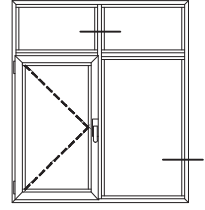


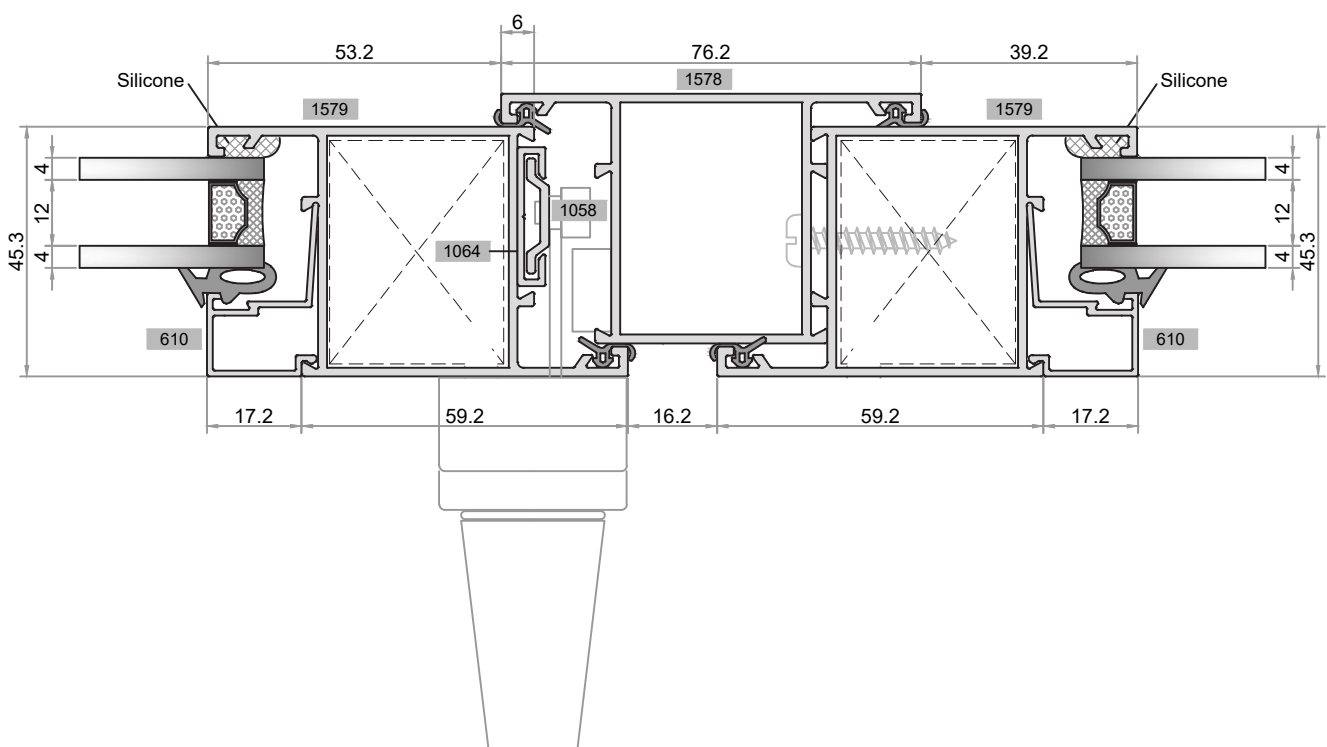
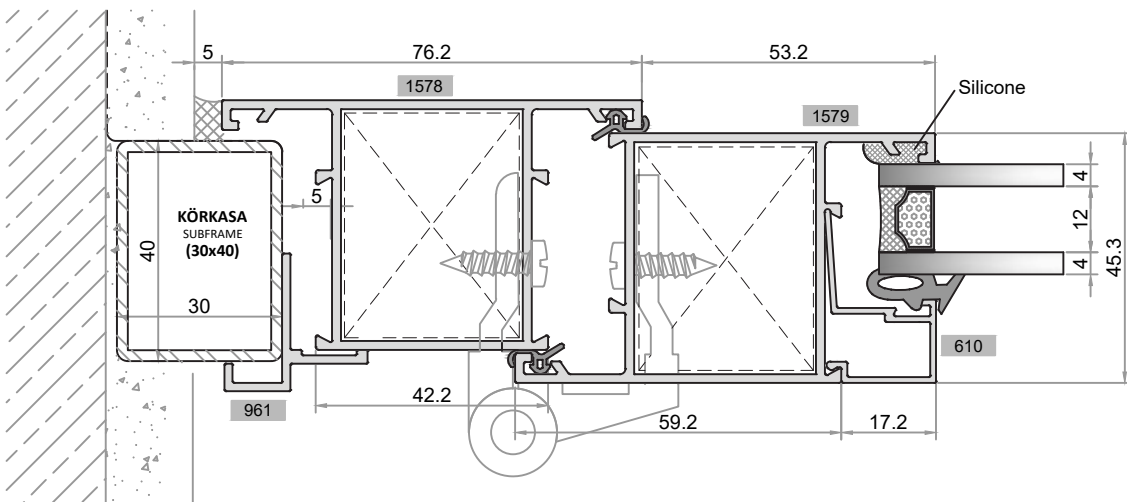
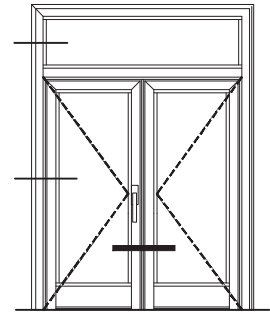
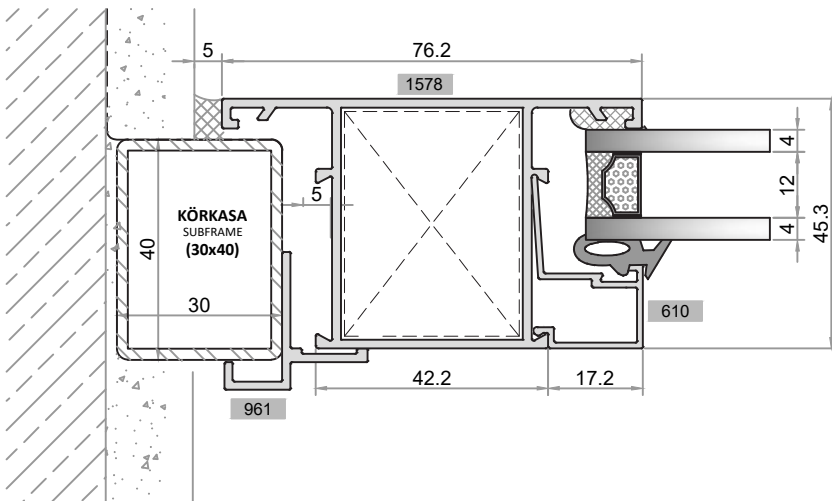
TARAMA STİLLERİ / HATCH STYLES

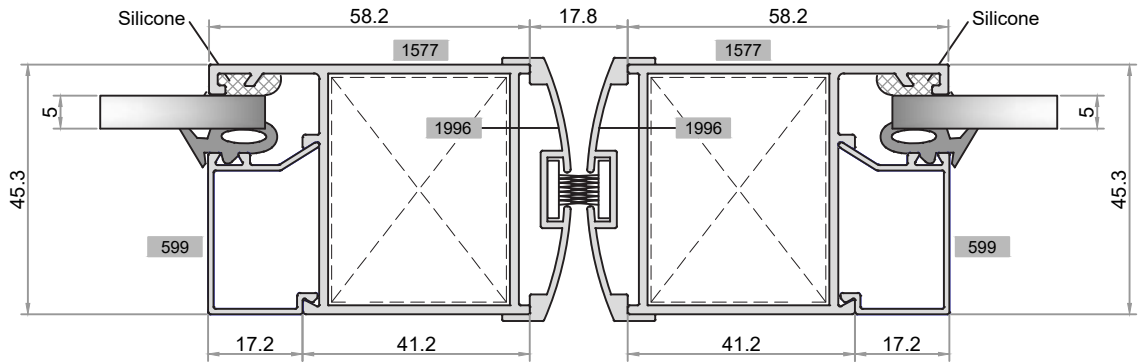
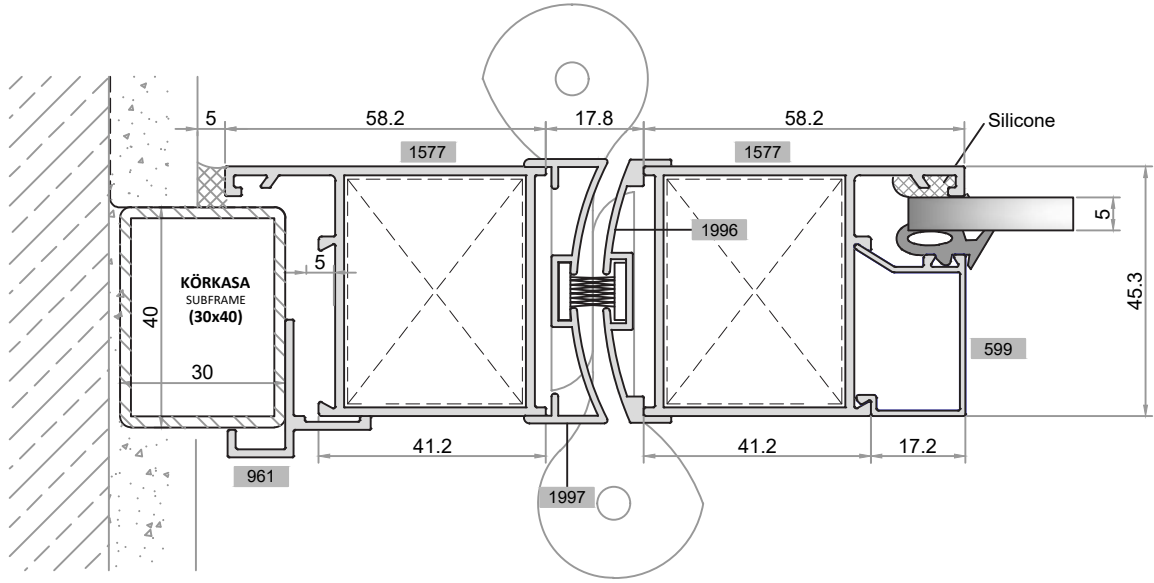
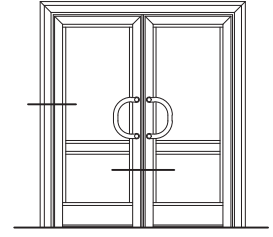
 EPDM FİTİL / EPDM GASKET	 PVC PROFİL / PVC PROFILE
 STRÜKTÜREL SİLİKON / STRUCTURAL SILICONE	 ÇELİK PROFİL / STEEL PROFILE
 MESAFE BELİRLEYİCİ / SPACE ADJUSTER	 SU YALITIM MEMBRANI / WATERPROOFING MEMBRANE
 ALÜMİNYUM PROFİL / ALUMINIUM PROFILE	 POLİETİLEN CONTA / POLYETHYLENE GASKET
 PROFİL PARÇA (Al) / PIECE OF PROFILE (Al)	 TAŞYÜNÜ / ROCKWOOL
 ISI BARIYERİ / INSULATION BAR	 CAM / GLASS

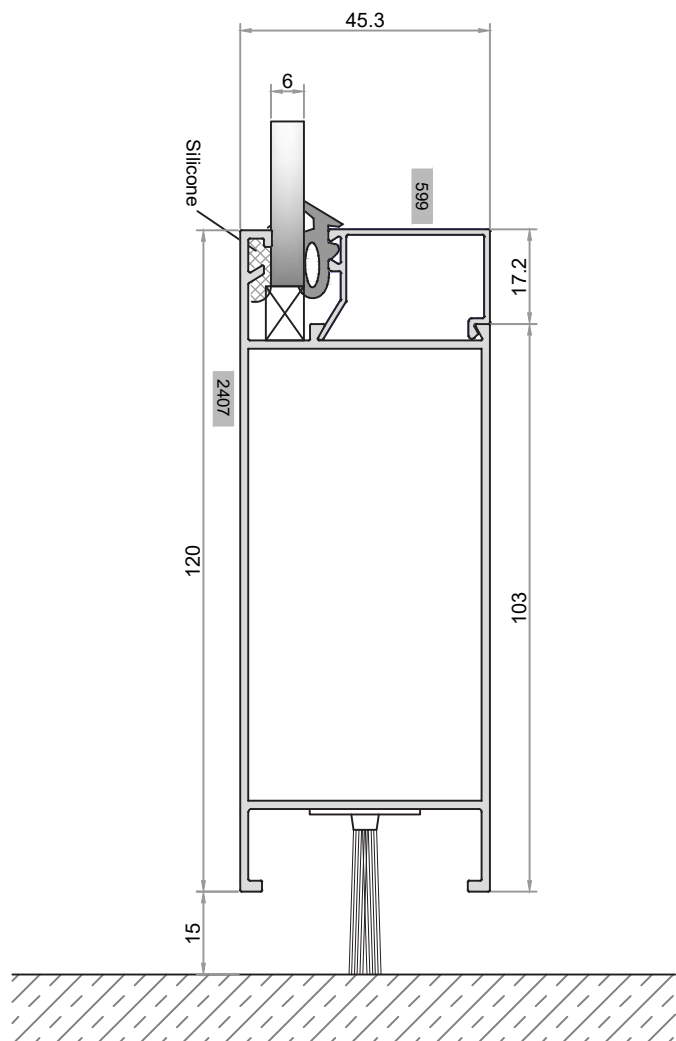
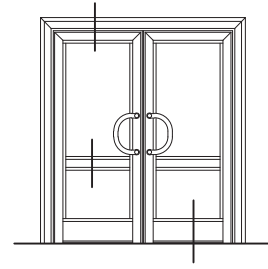
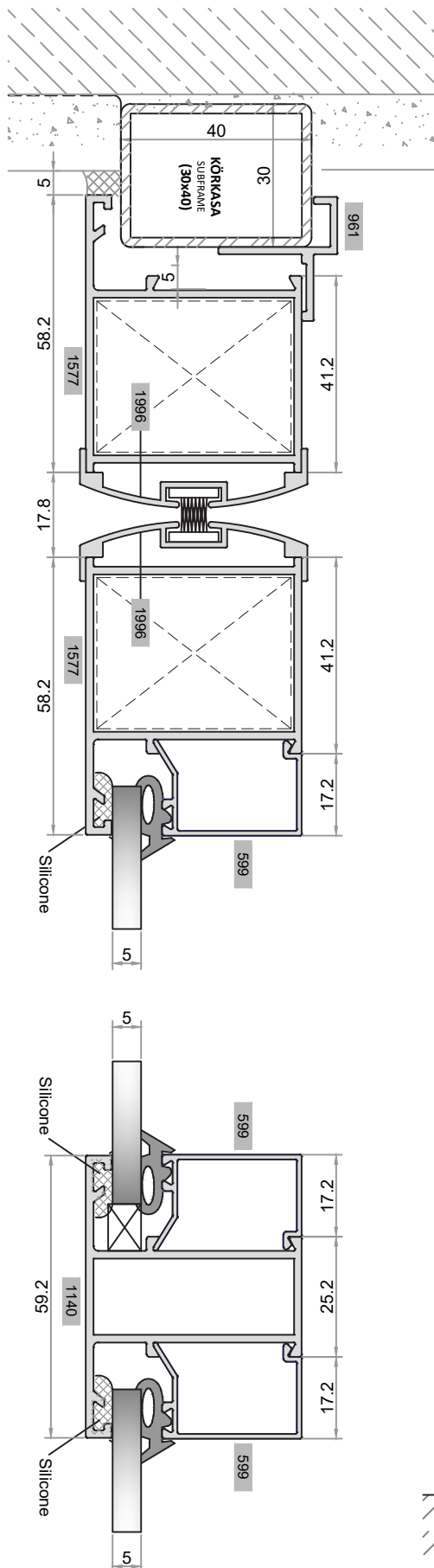
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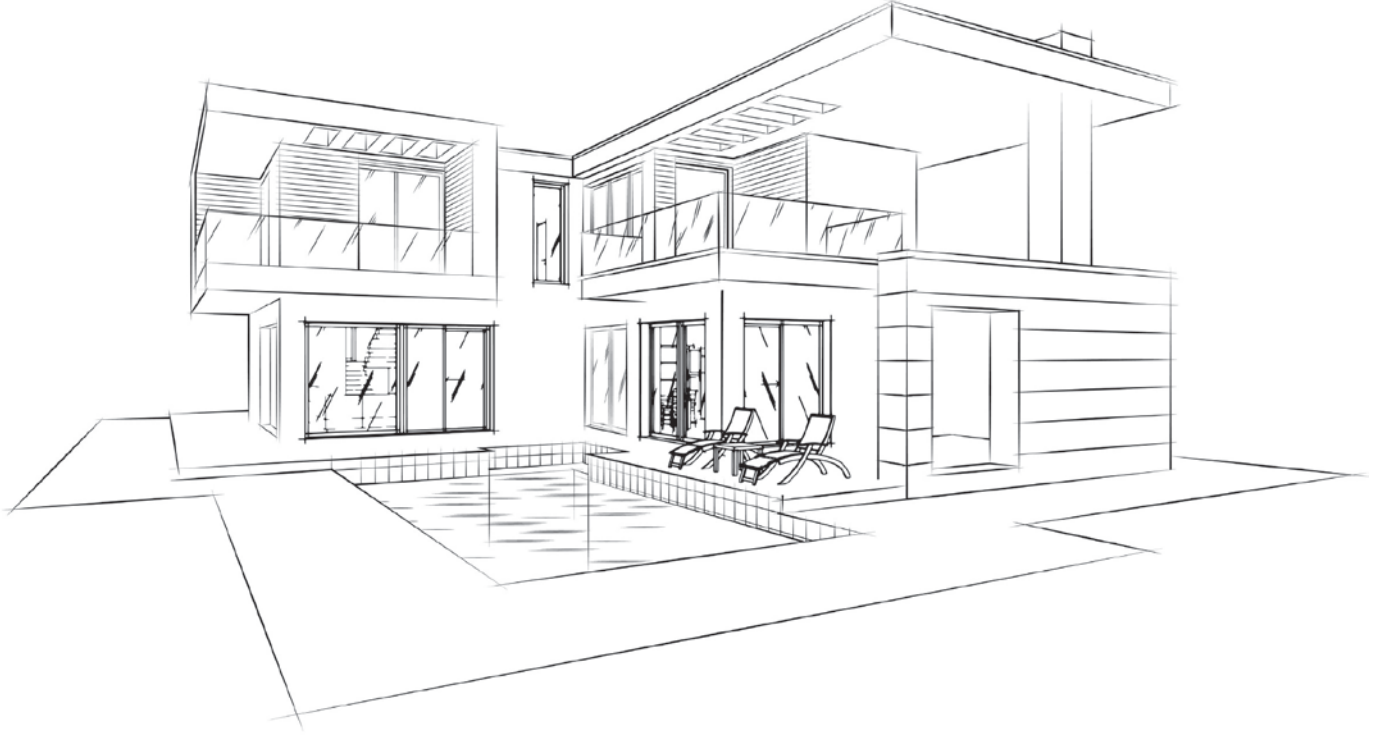












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