



# TEONA S80

ECO SLIDE



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.

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**Sistem** AI  
ALÜMİNYUM



# MİMARİ SİSTEM KATALOGLARI / ARCHITECTURAL SYSTEM CATALOGUES

## CEPHE & İŞIKLIK 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 &  
İŞIKLIK 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

**D55 YALITIMLI & YALITIMSIZ KAPI /  
D55 INSULATED & UNINSULATED DOOR**

**D1-D55T: Yalıtımlı Kapı / Insulated Door**  
**D2-D55T: Yalıtımsız Kapı / Uninsulated Door**

**W55 YALITIMLI PENCERE & KAPI /  
W55 INSULATED WINDOW & DOOR**

**W1-W55-1,6T: Yalıtımlı Pencere ve Kapı / Insulated Window and Door**  
**W3-W55-2T: Yalıtımlı Pencere ve Kapı / Insulated Window and Door**

**W55 YALITIMSIZ PENCERE & KAPI /  
W55 UNINSULATED WINDOW & DOOR**

**W2-W55-1,6: Yalıtımsız Pencere ve Kapı / Uninsulated Window and Door**  
**W4-W55-2: Yalıtımsız Pencere ve Kapı / Uninsulated Window and Door**

**W65 YALITIMLI PENCERE & KAPI /  
W65 INSULATED WINDOW & DOOR**

**W5-W65-1,6T: Yalıtımlı Pencere ve Kapı / Insulated Window and Door**  
**W6-W65-2T: Yalıtımlı Pencere ve Kapı / Insulated Window and Door**

**W75 YALITIMLI PENCERE & KAPI /  
W75 INSULATED WINDOW & DOOR**

**W7-W75-1,6T: Yalıtımlı Pencere ve Kapı / Insulated Window and Door**  
**W8-W75-2T: Yalıtımlı Pencere ve Kapı / Insulated Window and Door**

## SÜRME SİSTEMLER SLIDING SYSTEMS

**S45 YALITIMLI & YALITIMSIZ SÜRME /  
S45 INSULATED & UNINSULATED SLIDING**

**S1-S45-T: Yalıtımlı Sürme Kapı (Kaldır&Sür ve Klasik) / Insulated Sliding Door (Lift&Slide and Classic)**  
**S1-S45-T: Yalıtımsız Sürme Kapı (Kaldır&Sür ve Klasik) / Uninsulated Sliding Door (Lift&Slide and Classic)**

**S65 YALITIMLI SÜRME /  
S65 INSULATED SLIDING**

**S3-S65-T: Yalıtımlı Sürme Kapı (Kaldır&Sür) / Insulated Sliding Door (Lift&Slide)**

**S32 YALITIMLI & YALITIMSIZ SÜRME /  
S32 INSULATED & UNINSULATED SLIDING**

**S5-S32-T: Yalıtımlı & Yalıtımsız Klasik Hafif Sürme Kapı / Insulated & Uninsulated Classic Light Sliding Door**

**S80 YALITIMLI SÜRME /  
S80 INSULATED SLIDING**

**S80-Teona: Yüksek Yalıtımlı Performans Sürme Kapı / High Insulated Performance Sliding Door (ECOSLIDE)**

## OFIS BÖLME SİSTEMLERİ OFFICE PARTITION SYSTEMS

**YALITIMSIZ SİSTEMLER /  
UNINSULATED SYSTEMS**

**OB1-120: Strukturel 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**

**Giyotin Sistem / 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 Kapı Sistemleri / Door Sill Systems**  
**Güneş Kırıcı Sistem / Sunbreaker System**  
**C60 Yalıtımsız Doğrama Sistemleri / C60 Uninsulated Hinged Systems**

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# Sistem

ALÜMİNYUM



**SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş.** 1994 yılında bir adet 210 ton/ay kapasiteli 800 tonluk bir pres ile İstanbul Merter'de 750 m<sup>2</sup>'lik alanda alüminyum profil imalatına başlamıştır. Sistem bugün, Ergene-Tekirdağ'da, **95.000 m<sup>2</sup>**'si kapalı **330.000 m<sup>2</sup>**'lik bir alan üzerinde, modern bir anlayışla ve tam entegre şekilde inşaa edilmiş tesislerinde, 9 adet alüminyum ekstrüzyon pres hattı ve 2 adet alüminyum kompozit panel hattı ile üretim faaliyetlerini sürdürmektedir. Alüminyum ekstrüzyon üretim kapasitesi yıllık **103.000 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 **22.000** ürünü aşkın bir kalıp arşivimiz bulunmaktadır. Yıllık kapasitesi **20.000** 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 **6.000.000 m<sup>2</sup>** 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 ettiğiniz malzemeler içinde **REACH** ve **ROHS** kısıtlamasında bulunan kimyasalların (ağır metaller) yasal sınırlar içinde bulunduğunu teyit etmektedir.

Alanında bir ihracat lideri olan Sistem Alüminyum, 2018, 2019 ve 2020 ihracat satışı 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 <sup>Al</sup>

A L Ü M İ N Y U M

**SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş.** started to manufacture aluminum profiles in an area of 750 m<sup>2</sup> in Istanbul Merter with a 800-tons press machine and a monthly capacity of 210 tons in 1994. Today, the **SİSTEM** is a modern facility which established on an area of **330,000 m<sup>2</sup>** in Ergene-Tekirdağ, with a closed area of **95,000 m<sup>2</sup>**. It continues its production activities with 9 units aluminum extrusion presses lines and 2 aluminum composite panel lines in this fully integrated facility. Aluminum extrusion production capacity has reached **103,000 tons** per year. Sistem Aluminum has stepped into a new product area with its Aluminum Forging Press investment in 2020. Again in 2020, the natural gas cogeneration power plant investment was completed, and most of the electrical energy needed by Sistem Aluminum facilities will be provided from here.

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 **22,000** pieces in our diehouse. In our Electrostatic Powder Coating Plant with an annual capacity of **20,000 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 Ergene 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 **6 million m<sup>2</sup>**. 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.

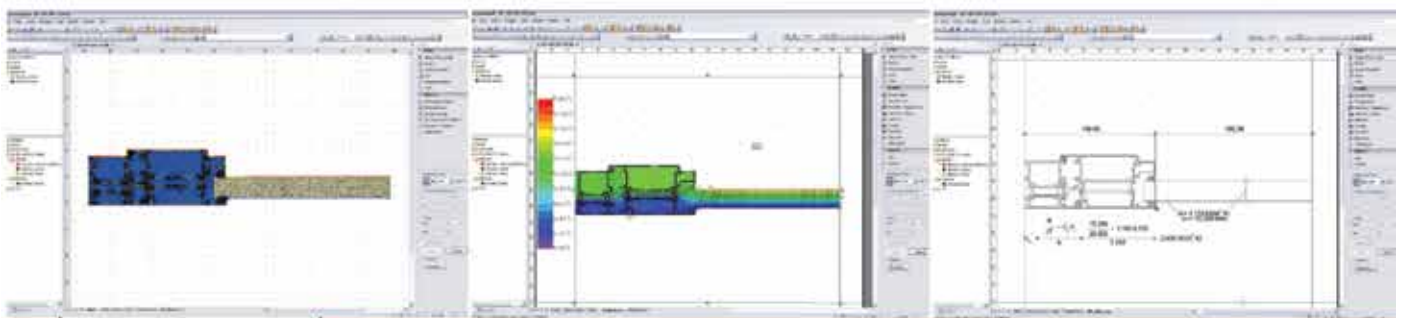
Sistem Alüminyum has also stepped into a new product area with the Aluminum Forging Press investment made in 2020. In this year, the natural gas cogeneration plant investment was completed, and most of the electrical energy needed by Sistem Alüminyum facilities will be supplied from here.

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, 2019 and 2020 export sales figures).

We are honoured 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.





# Teknik kataloglarımız 3 adımda cebinizde.

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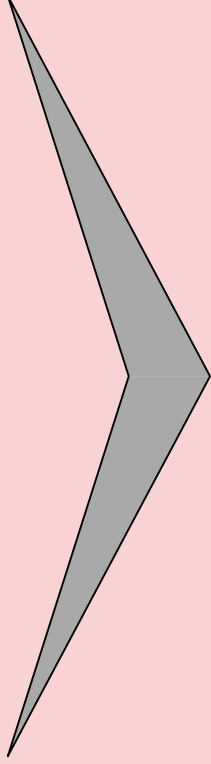
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# TEKNİK ÖZELLİKLER

## TECHNICAL PROPERTIES



SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.  
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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/cm<sup>3</sup>

Elastisite Modülü (Elasticity Modul) : 7000 kN/cm<sup>2</sup>

Kopma Mukavemeti (Yield Strenght) : 215 N/mm<sup>2</sup>

Akma Mukavemeti (Flow Strenght) : 160 N/mm<sup>2</sup>

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):**

Eloksal ve toz boya işleminden **önce** yerleştirilir. (Placed into the aluminium profiles **before** anodic oxidation and powder coating.)

**b- PVC :**

Eloksal 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-Eloksal (Anodic Oxidation)**

Eloksallı Ürünlere İlişkin Teknik Resim Standardı : **DIN 17611 , EN 12371-1 (QUALANOD)**

(The Standarts of Technical Delivery Terms Regarding Eloxal Products)

Eloksal 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)

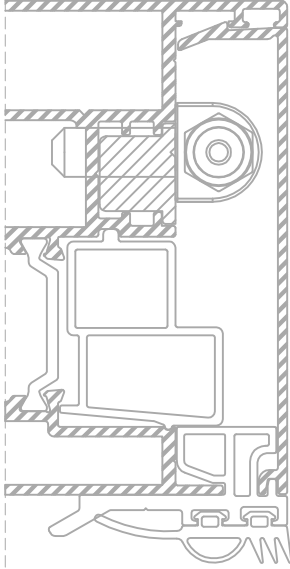
Ölçü Toleransları Standardı (Measurement Tolerances Standarts) : **DIN ISO 3302-1/E2**

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)

ÜRÜN KONSEPTİ / PRODUCT CONCEPT



Teona S80; tek ray üzerinde bir tarafı sabitli olarak uygulanan yüksek termal ve sızdırmazlık performansı sunan yeni nesil ekonomik bir sürme sistemidir.

**YENİLİKÇİ TASARIM**

Sürme sistemler genellikle geniş vizyon alan görülmek istenen yerlerde tercih edilen ve dolayısıyla estetik olma özelliği önem taşıyan ürünlerdir. Teona S80'de kullanılan minimalist tasarım dili, sistemin estetik ve modern yapısını ön plana çıkartmaktadır. Sistemin her detayında görülebilecek bu yapı, görsel bütünlüğü bozabilecek kenet gibi bölümlerde ince kesitler kullanılmasıyla birleştiğinde sistemin yapıyla bir bütün oluşturması sağlanmaktadır. Mimari alüminyum sistemlerde estetik sistem özelliklerinin artması, imalat ve kullanım zorluğu manasına gelirken; bu tip zorluklar tasarım sürecinin en başında doğru planlandığından, Teona S80'de imalat ve kullanım özelliklerden feragat edilmemiştir.

**EKONOMİKLİK**

Teona S80'de yüzey kalitesi ve imalat özelliklerini bozmayacak ölçüde ince et kalınlıkları tercih edilirken, taşıyıcılık yönünden önem arz eden kısımlarda geometrik tasarım özelliklerinden faydalanılarak, hem hafiflik hem de rijitlik bir arada sağlanmıştır.

**İMALAT KOLAYLIĞI**

Sistemin tüm aksesuarları ortak kullanım ve birbiriyle uyumlu çalışma mantığı çerçevesinde tasarlandığından, Teona S80 imalat kolaylığı yönünden benzersiz bir yapıdadır.

**ENERJİ TASARRUFU**

Çevreye duyarlılık ve enerji tasarrufu konuları gün geçtikçe daha fazla önem kazanmakta olduğundan Teona S80 bir sürme sistem ile ulaşılabilecek zirve ısı yalıtım değerlerini hedeflemekte ve bu değerlere rahatlıkla ulaşabilmektedir.

**GELİŞTİRİLEBİLİRLİK**

Teona S80, sistem konsepti olarak kolaylıkla genişletilebilir yapıda dizayn edilmiştir. Bu sayede eklenecek yeni çözümlerinin sisteme adaptesi hızlı biçimde yapılabilmektedir.

Teona S80 is the new generation single rail one side fixed economical sliding system that presents high thermal and impermeability performance.

**INNOVATIVE DESIGN**

Sliding systems are usually preferred particularly in wide vision area that is wanted to show and they are desired to be aesthetic. Minimalistic design language that was used in Teona S80, bring out modern and aesthetic construction of the system. This style that can be seen in all system details and using thin sections in areas as such as clamp that impair the visual unity when combined; the system and structure can be integrated. Rising aesthetic lines in architectural aluminium systems means that complication of manufacturing and using. Because of these complications was planned at the first step of desing process; specifications of manufacturing and using did not waived in Teona S80.

**ECONOMY**

The thin wall thickness were preferred in Teona S80. But this situation do not impair to the surface treatment quality and the manufacturing specifications. Both of light and rigid form was obtained in carrying areas by to utilize from geometrical design specifications.

**EASE OF MANUFACTURING**

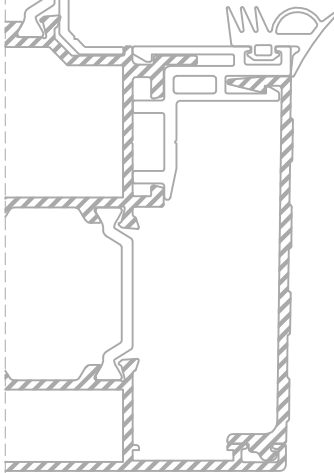
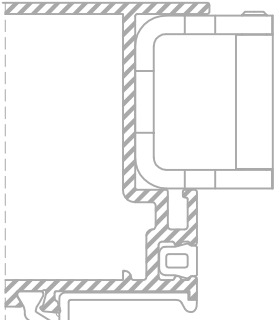
Accessories of Teona S80 was mostly standardized. These accessories used generally common with each other. Therefore Teona S80 has unique construction by ease of manufacturing.

**ENERGY SAVING**

Subjects of environment sensitivity and energy saving become important day by day. For this reason Teona S80 targets thermally the top insulation levels and can be reach these values easily.

**IMPROVABILITY**

Teona S80 was designed as the developable system concept . In this way adaptation of new system solutions can be done quickly.



**YÜKSEK PERFORMANSLI SÜRME SİSTEM / HIGH PERFORMANCE SLIDING SYSTEM**

**TEKNİK ÖZELLİKLER**
**TECHNICAL PROPERTIES**

<b>KASA DERİNLİĞİ / FRAME DEPTH :</b>	<b>145 mm</b>
<b>KANAT DERİNLİĞİ / SASH DEPTH :</b>	<b>80 mm</b>
<b>PROFİL ET KALINLIĞI / PROFILE WALL THICKNESS :</b>	<b>1,6 mm - 2 mm</b>
<b>MAX. CAM KALINLIĞI / MAX. GLASS THICKNESS :</b>	<b>64 mm</b>
<b>ISI BARIYERLERİ / INSULATION BARS :</b>	<b>28 mm</b>
<b>ISI YALITIM DEĞERİ (Uf) / THERMAL INSULATION VALUE (Uf) :</b>	<b>2,68 W/m<sup>2</sup>K - 4,09 W/m<sup>2</sup>K</b>

**KULLANIM SEÇENEKLERİ**
**APPLICATION ALTERNATIVES**

	<b>PENCERE WINDOW</b>	<b>KAPI DOOR</b>
<b>TEK KANATLI SÜRME / SINGLE SASH SLIDING :</b>	●	●
<b>ÜSTÜ SABİTLİ SÜRME / TOP FIXED SLIDING :</b>	●	●
<b>KENDİNDEN PERVAZLI SÜRME / SELF JAMBED SLIDING :</b>	●	●
<b>ORTADA HAREKETLİ SÜRME / MIDDLE MOVABLE SLIDING :</b>	●	●
<b>TAKVİYELİ ORTA KAYIT / REINFORCED TRANSOM :</b>	●	●
<b>SİNEKLİKLİ SÜRME / INSECT SCREEN SLIDING :</b>	●	●

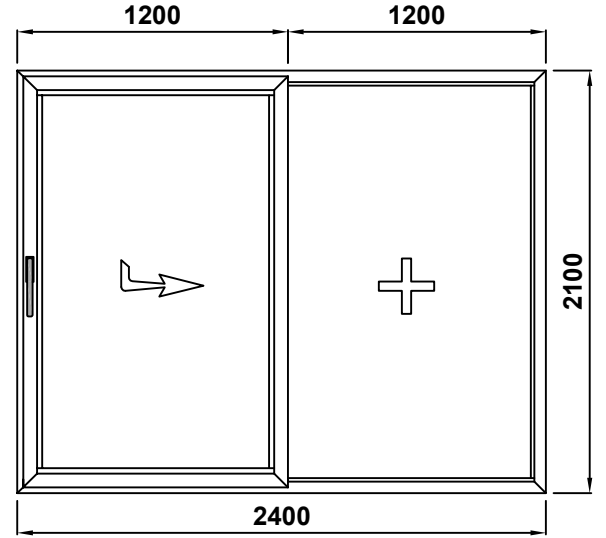
## HAVA-SU-RÜZGAR TEST SONUÇLARI / AIR-WATER-WIND TEST RESULTS

- Teona S80 sistemiyle akredite test laboratuvarında gerçekleştirilen performans test sonuçlarıdır. / These are the performance test results performed in the accredited test laboratory with the Teona S80 system.



### Test Numunesinin Ebatları

Test Sample's Dimensions



#### Kasa / Frame

Genişlik / Width: 2400 mm

Yükseklik / Height: 2100 mm

#### Açılır Kanat / Opening Vent

Genişlik / Width: 1200 mm

Yükseklik / Height: 2028 mm

#### Sabit Pencere / Fixed Window

Genişlik / Width: 1200 mm

Yükseklik / Height: 2100 mm

## PERFORMANS TEST SONUÇLARI

### PERFORMANCE TEST RESULTS

HAVA GEÇİRGENLİĞİ - EN 12207 (AIR PERMEABILITY)	1 (150 Pa)	2 (300 Pa)	3 (450 Pa)	4 (600 Pa)					
SU SIZDIRMAZLIĞI - EN 12208 (WATERTIGHTNESS)	2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)	E900 (900 Pa)
RÜZGAR YÜKÜNE DAYANIM - EN 12210 (RESISTANCE TO WIND LOAD)	1 (400 Pa)	2 (800 Pa)	3 (1200 Pa)	4 (1600 Pa)	5 (2000 Pa)				
SEHİM KRİTERİ - EN 12210 (DEFLECTION CRITERIA)	A (<L/150)	B (<L/200)	C (<L/300)						

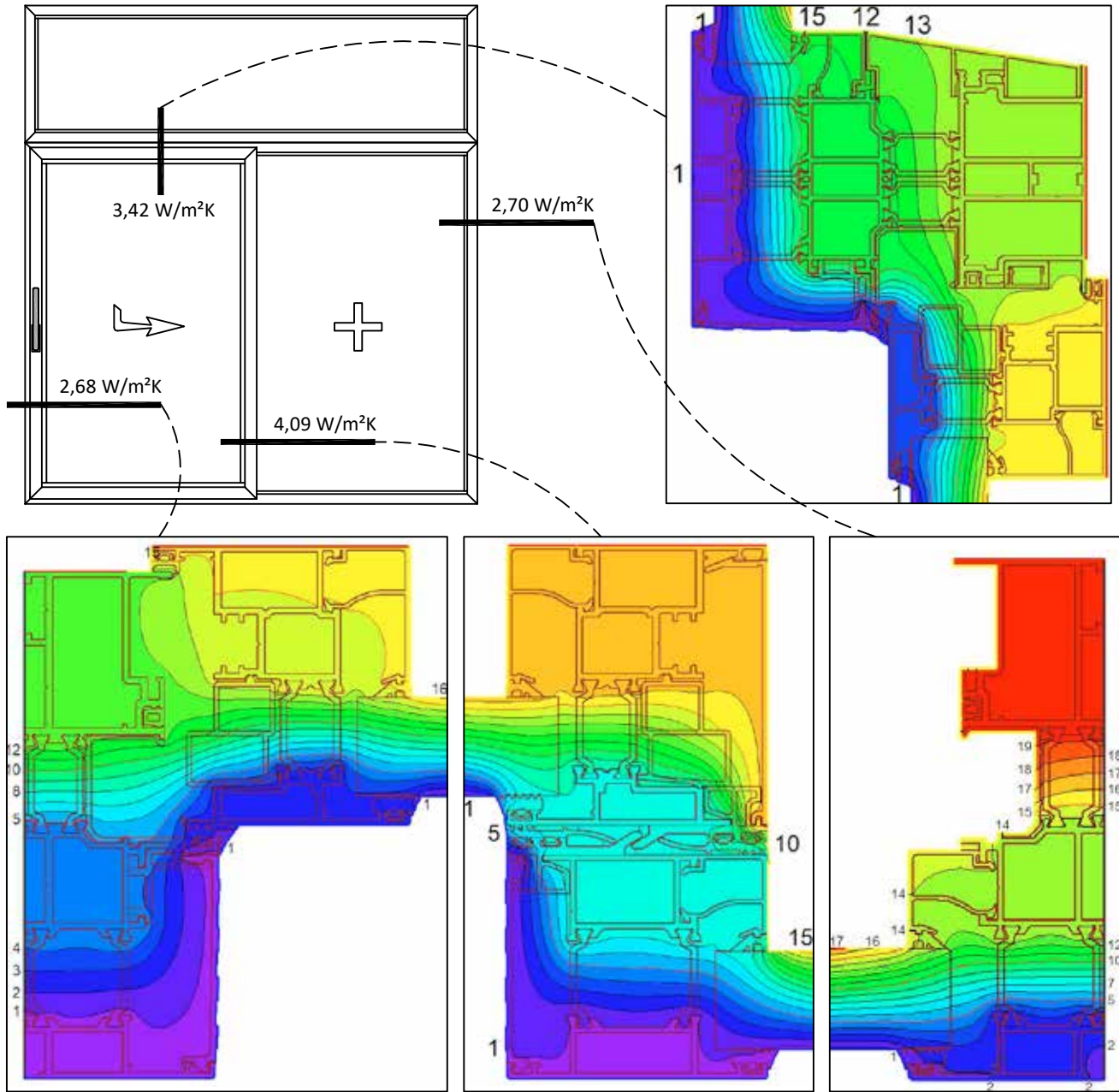
\*\* Akredite kuruluştan onaylı orijinal belge görseline kataloğun sonundaki "sertifikalar" bölümünden ulaşılabilir. / Paper image approved from accredited society can be reached at the end of the catalogue "certificates" section.

\* Daha detaylı bilgi için, lütfen test raporlarını isteyiniz. / For further information, please ask for the test reports.



## ISI YALITIM DEĞERLERİ / THERMAL INSULATION VALUES

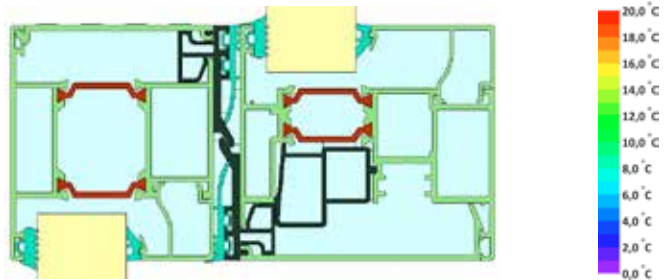
- Teona S80 sisteminde, ısı transferi analizi yazılımı aracılığıyla oluşturulmuş termal hesap sonuçlarıdır. / These are the thermal calculation results created through the heat transfer analysis software with the Teona S80 system.



## MALZEMELER VE KESİT RENKLENDİRMELERİ / MATERIALS AND SECTION COLORINGS

### Material

- Aluminium (Si alloys)
- EPDM (ethylene propylene diene monomer)
- PVC, flexible (PVC-P) 40% softener
- Panel
- Polyamid 6.6 with 25% glassfibre
- Unventilated air cavity \*
- \* EN ISO 10077-2:2017, 6.4.3/anisotrop



\*\* EN 10077-2 standardına göre; iç ortam sıcaklığı 20°C, dış ortam sıcaklığı 0°C ve bağıl nem %50 olarak alınmıştır. / As EN 10077-2 standard; room temperature is 20°C, outer temperature is 0°C and relative humidity is %50.

\* Daha detaylı bilgi için, lütfen hesap raporlarını isteyiniz. / For further information, please ask for the reports.

## STATİK HESAPLAMA YÖNTEMİ / STATIC CALCULATION METHOD

**STATİK HESAPLARDA KULLANILAN STANDARTLAR** (STANDARDS USING WITH STATIC CALCULATIONS):

TS 498 (DIN 1055) , TS EN 13830

**STATİK HESAPLARDA KULLANILAN YÜKLER** (LOADS USING WITH STATIC CALCULATIONS):

1-Yatay Rüzgar Yükleri (Horizontal Wind Load)

2-Düsey Cam Yükleri (Vertical Glass Load)

3-Kar Yükleri (Snow Load)

**Rüzgar Yükleri** (Wind Load) :

Statik hesaba başlamadan önce rüzgar şekil katsayısı tayin edilerek binanın yüksekliğine göre aşağıdaki tablodan seçilen rüzgar yükü referans değeri alınır. (Before the static calculation, first determine the shape coefficient of wind and then according to the height of the building select the wind load value from the table below.)

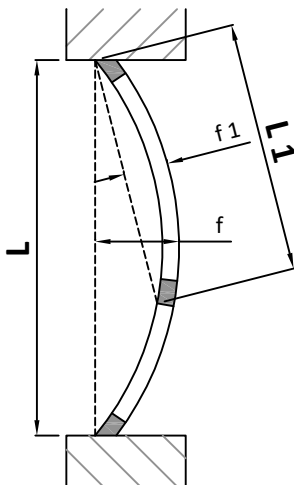
**Rüzgar şekil katsayısı** (Shape coefficient of wind) :

Binanın boyu (height of building) / binanın en dar eni (minimum width of building) < 5 : **c = 1.2**

Binanın boyu (height of building) / binanın en dar eni (minimum width of building) > 5 : **c = 1.6**

RÜZGAR ŞEKİL KATSAYISI SHAPE COEFFICIENT OF WIND	ZEMİNDEN YÜKSEKLİK (m) GROUND ELEVATION	RÜZGAR HIZI (m/s) WIND SPEED	HIZ BASINCI (kg/m <sup>2</sup> ) ABSORPTION	RÜZGAR YÜKÜ (kg/m <sup>2</sup> ) WIND LOAD
<b>1.2</b>	0 - 8	28	50	60
	9 - 20	36	80	96
	21 - 100	42	110	132
	> 100	46	130	156
<b>1.6</b>	0 - 8	28	50	80
	9 - 20	36	80	128
	21 - 100	42	110	176
	> 100	46	130	208

**STATİK HESAPLARDA SEHİM KABULÜ** (DEFLECTION ACCEPTANCE OF STATIC CALCULATIONS):



**Tek camlarda** (at single glass);

MESNET AÇIKLIĞI SUPPORT CLEARNESS	AZAMI SEHİM MAXIMUM DEFLECTION
L < 3m	f = L / 200
L > 3m	f = L / 300

**Çift camlarda** (at double glass);

ARA KAYIT YOKSA ; ( IF IT HAS NO TRANSOM )	
L ≤ 3m	f = max. 0,8cm
L < 2m	f = L / 200
ARA KAYIT VARSA ; ( IF IT HAS TRANSOM )	
a) Camların boyları L1 ; ( If the glass height L1 )	
L1 ≤ 2,4m	f1 ≤ L1 / 300
L1 > 2,4m	f1 ≤ 0,8cm
b) Profillerin boyları L ; ( If the profile length L )	
L ≤ 3m	f1 ≤ L / 200
L > 2m	f1 ≤ L / 300

**KISALTMALARIN ANLAMLARI**

EXPLANATIONS OF ABBREVIATIONS

**W:** Rüzgar yükü (Wind load)

**c:** Rüzgar şekil katsayısı (Wind shape c.)

**q:** Emme hız basıncı (Speed pressure)

**V:** Rüzgar hızı (Wind speed)

**L:** Düsey açıklık (Vertical clearance)

**E:** Elastisite modülü (Elasticity modulus)

**f:** Maksimum sehım (Max. deflection)

## RÜZGAR YÜKÜNE BAĞLI KULLANIM LİMİTLERİ DİYAGRAMLARI

### USAGE LIMITS DIAGRAMS ACCORDING TO THE WIND LOAD & SPEED

#### Diyagramlar Hakkında Bilgi (Information About The Diagrams) :

Tablolarda verilen eğriler; takviyeli ya da takviyesiz olan kenet profillerinin toplam atalet değerine ve 60, 96, 132 ve 156 kg/m<sup>2</sup> olmak üzere 4 farklı rüzgar yüküne bağlı olarak ayrı ayrı çizilmiştir. Eğrilerin altında kalan taralı bölgeler o rüzgar yüküne göre "uygulanabilir" ebatları ifade etmektedir.

(The curves in the table; drew according to the inertia value of the clamp profiles and the wind loads of 60, 96, 132 and 156 kg/m<sup>2</sup>. The hatched area below the curves according to the selected wind load mean "applicable" dimensions.)

#### Açılım Mekanizmasının Çalışma Limitleri (Limits of Opening Accessory) :

Minimum-Maksimum Kanat Genişlikleri (Minimum-Maximum Sash Width) : 500mm - 2000mm

Minimum-Maksimum Kanat Yükseklikleri (Minimum-Maximum Sash Height) : 1200mm - 2500mm (3300mm\*)

Maksimum Toplam Kanat Ağırlığı (Maximum Total Sash Weight) : 250 Kg

#### Statik Hesaplamaların Sınırları (Limits of Static Calculations) :

H: Düşey Orta Kayıt Bağlantı Açıklığı (Vertical Transom Connection Clearance)

L: En Geniş Yatay Aks Aralığı (Widest Horizontal Part Clearance)

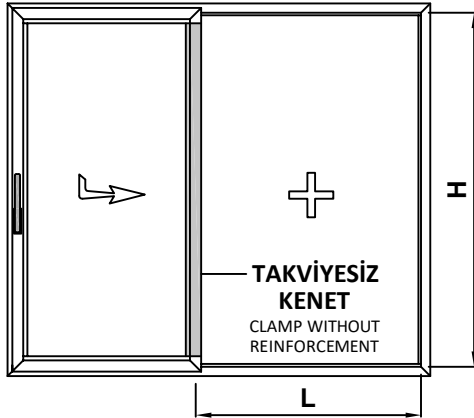
Sehim Kriteri (Deflection Criteria) : H / 300

#### DİYAGRAM - 1

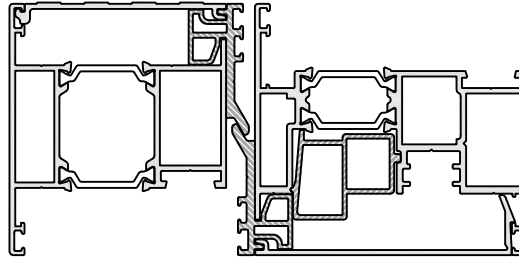
DIAGRAM - 1

#### TAKVİYESİZ KENET İÇİN STATİK DİYAGRAMI

STATIC DIAGRAM FOR CLAMP WITHOUT REINFORCEMENT



Takviyesiz Kenet Bölgesi Statiği (Static Value of Clamp Area Without Reinforcement) :



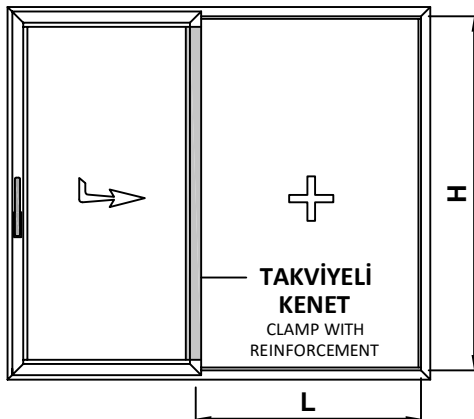
TOPLAM STATİK DEĞER : 73 cm<sup>4</sup>  
TOTAL STATIC VALUE

#### DİYAGRAM - 2

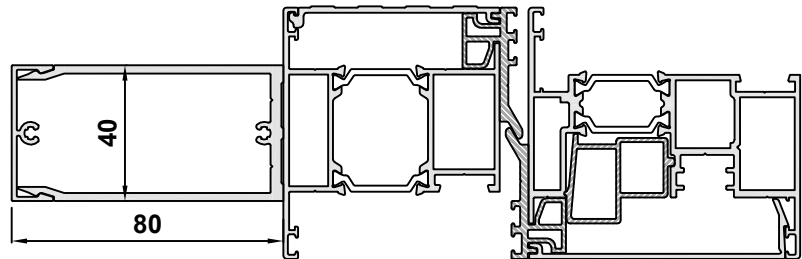
DIAGRAM - 2

#### TAKVİYELİ KENET İÇİN STATİK DİYAGRAMI

STATIC DIAGRAM FOR CLAMP WITH REINFORCEMENT



Takviyeli Kenet Bölgesi Statiği (Static Value of Clamp Area With Reinforcement) :



TOPLAM STATİK DEĞER : 173 cm<sup>4</sup>  
TOTAL STATIC VALUE

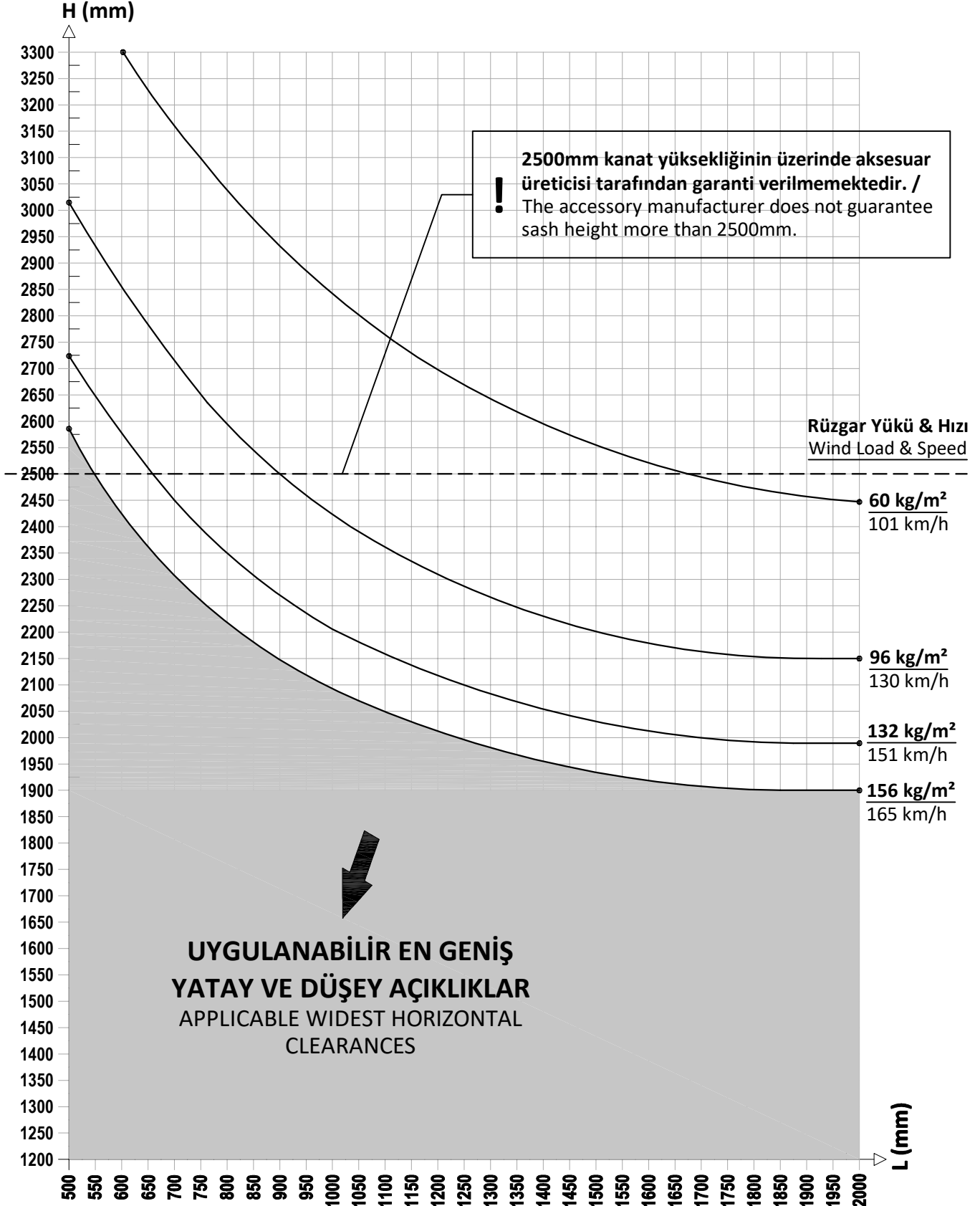
\* Açılım aksesuarı 3300mm kanat yüksekliğine kadar uygulanmayı desteklemekte fakat 2500mm yüksekliğin üzerinde aksesuar üreticisi tarafından garanti verilmemektedir. /

The opening accessory supports sash height up to 3300mm but the accessory manufacturer does not guarantee sash height more than 2500mm.

**RÜZGAR YÜKÜNE BAĞLI KULLANIM LİMİTLERİ DİYAGRAMLARI**  
USAGE LIMITS DIAGRAMS ACCORDING TO THE WIND LOAD & SPEED

**DİYAGRAM - 1**  
DIAGRAM - 1

**TAKVİYESİZ KENET İÇİN STATİK DİYAGRAMI**  
STATIC DIAGRAM FOR CLAMP WITHOUT REINFORCEMENT

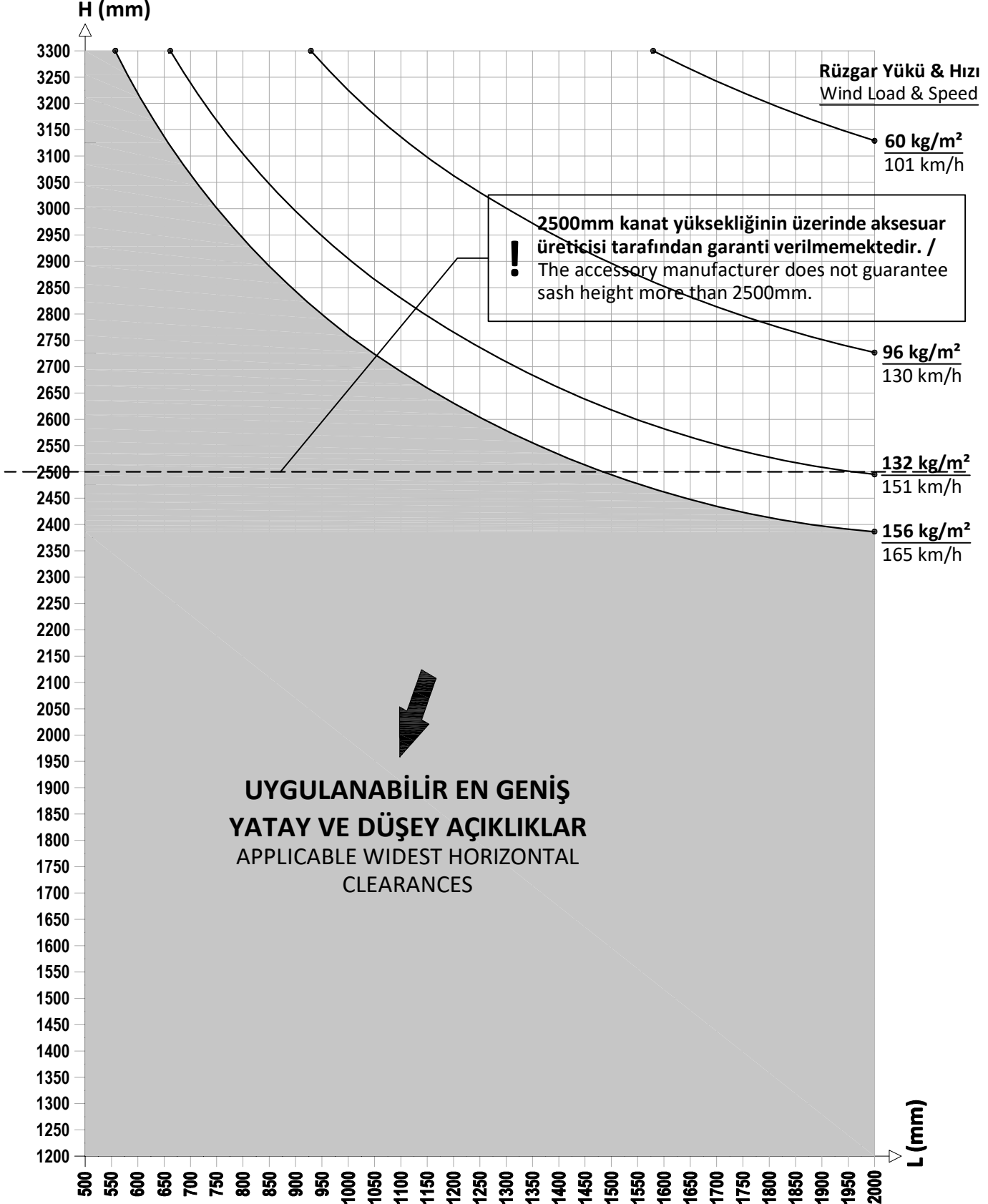


## RÜZGAR YÜKÜNE BAĞLI KULLANIM LİMİTLERİ DİYAGRAMLARI

### USAGE LIMITS DIAGRAMS ACCORDING TO THE WIND LOAD & SPEED

**DİYAGRAM - 2**  
DIAGRAM - 2

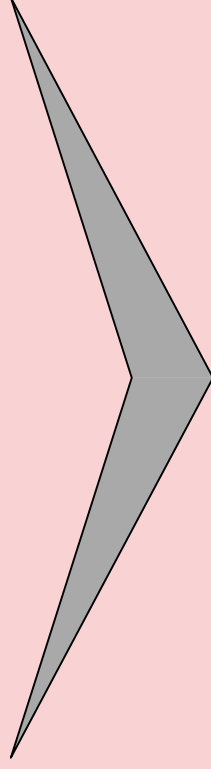
**TAKVİYELİ KENET İÇİN STATİK DİYAGRAMI**  
STATIC DIAGRAM FOR CLAMP WITH REINFORCEMENT





# PROFİL FİHRİSTİ

## PROFILE INDEX

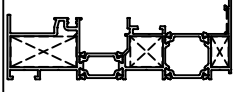
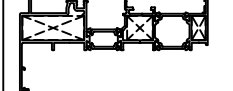
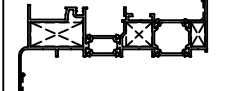
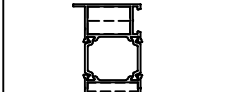
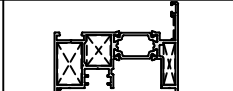
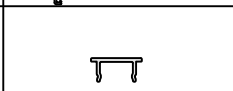
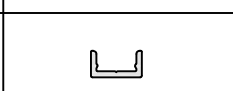
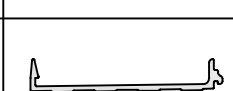

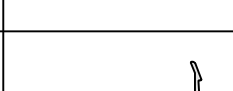


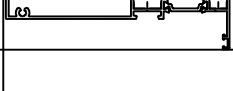
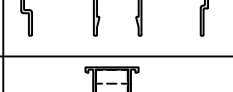
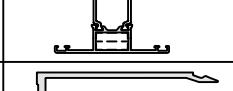


- **KATALOGDA BELİRTİLEN TÜM PROFİL AĞIRLIKLARI TEORİK OLUP PROFİLLERİN PRES(HAM) HALLERİNE AİTTİR. ISI BARIYERİ ÇEŞİDİNE VEYA PROFİL YÜZEYİNDEKİ BOYA KALINLIKLARINA BAĞLI OLARAK AĞIRLIK FARKLILIKLARI OLUŞABİLMEKTEDİR.**  
WEIGHTS IN THIS CATALOGUE ARE THEORETICAL AND BELONG TO MILL FINISH SURFACE. ACCORDING 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.





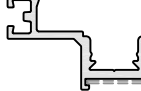




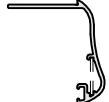

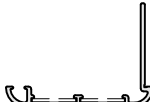














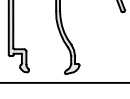


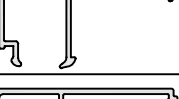

**PROFİL FİHRİSTİ / PROFILE INDEX**

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
<b>S80-101</b>	<b>KASA PROFİLİ</b> (42 mm/1.6 mm) FRAME PROFILE		<b>POLYAMID</b> <b>2,716</b>	<b>17</b>
<b>S80-103</b>	<b>PERVAZLI KASA PROFİLİ</b> (77 mm/1.6 mm) FRAME PROFILE		<b>POLYAMID</b> <b>2,985</b>	<b>17</b>
<b>S80-102</b>	<b>PERVAZLI KASA PROFİLİ</b> (82 mm/1.6 mm) FRAME PROFILE		<b>POLYAMID</b> <b>2,987</b>	<b>18</b>
<b>S80-301</b>	<b>ORTA KENET PROFİLİ</b> (43.8mm/1.6 mm) MIDDLE CLAMP PROFILE		<b>POLYAMID</b> <b>1,459</b>	<b>18</b>
<b>S80-201</b>	<b>PENCERE KANAT PROFİLİ</b> (63.6 mm/1.6 mm) SASH PROFILE FOR WINDOW		<b>POLYAMID</b> <b>1,862</b>	<b>18</b>
<b>S80-408</b>	<b>RAY ÜST KAPAMA PROFİLİ</b> (16.5 mm/7.7 mm) RAIL TOP COVER PROFILE		<b>0,092</b>	<b>18</b>
<b>S80-409</b>	<b>RAY PROFİLİ</b> (16.5 mm/8.6 mm) RAİL PROFILE		<b>0,154</b>	<b>18</b>
<b>S80-402</b>	<b>ADAPTÖR PROFİLİ</b> (59.4 mm/10.3 mm) ADAPTER PROFILE		<b>0,368</b>	<b>20</b>
<b>S80-401</b>	<b>ADAPTÖR PROFİLİ</b> (62 mm/6.4 mm) ADAPTER PROFILE		<b>0,331</b>	<b>20</b>
<b>S80-403</b>	<b>ADAPTÖR PROFİLİ</b> (75.5 mm/17.7 mm) ADAPTER PROFILE		<b>0,403</b>	<b>20</b>
<b>S80-501</b>	<b>ORTA KAYIT PROFİLİ</b> (41.8mm/1.6 mm) TRANSOM PROFILE		<b>POLYAMID</b> <b>2,804</b>	<b>19</b>
<b>S80-502</b>	<b>TAKVİYELİ ORTA KAYIT PROFİLİ</b> (34.4 mm/1.6 mm) RAINFORCED TRANSOM PROFILE		<b>POLYAMID</b> <b>2,219</b>	<b>19</b>
<b>S80-410</b>	<b>ADAPTÖR PROFİLİ</b> (80.8mm/24 mm) ADAPTER PROFILE		<b>0,678</b>	<b>19</b>
<b>S80-302</b>	<b>ORTA KAYIT PROFİLİ</b> (34.4mm/1.6 mm) TRANSOM PROFILE		<b>POLYAMID</b> <b>1,205</b>	<b>20</b>
<b>S80-503</b>	<b>TAKVİYE PROFİLİ</b> (80mm/40 mm) RAINFORCED PROFILE		<b>POLYAMID</b> <b>1,348</b>	<b>20</b>








**PROFİL FİHRİSTİ / PROFILE INDEX**

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	çizim DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
<b>S3-514</b>	<b>SİNEKLİK KANAT PROFİLİ</b> (93.6 mm/1.6 mm) SASH PROFILE FOR INSECT SCREEN		<b>1,420</b>	<b>20</b>
<b>W1-508</b>	<b>TİJ PROFİLİ</b> (19 mm/2.4 mm) PUSHING ROD PROFILE		<b>0,134</b>	<b>21</b>
<b>S80-504</b>	<b>TAKVİYE KAPAK PROFİLİ</b> (19 mm/2.4 mm) CAP PROFILE FOR REINFORCEMENT	 	<b>0,309</b>	<b>19</b>
<b>S80-411</b>	<b>SİNEKLİK KASA PROFİLİ</b> (38,5 mm/2 mm) FRAME PROFILE FOR INSECT SCREEN	 	<b>0,508</b>	<b>20</b>
<b>W4-504</b>	<b>ETEK ADAPTÖRÜ</b> (25 mm/1.8 mm) PLINTH ADAPTER		<b>0,227</b>	<b>21</b>
<b>W4-508</b>	<b>PERVAZ ADAPTÖRÜ</b> (55 mm/1.6 mm) FRAME ADAPTER		<b>0,356</b>	<b>21</b>
<b>W-503</b>	<b>DAMLALIK PROFİLİ</b> (29.3 mm/1.3 mm) WEATHERDIP PROFILE		<b>0,211</b>	<b>21</b>
<b>S80-412</b>	<b>PERVAZ PROFİLİ</b> (44.7 mm/1.5 mm) JAMB PROFILE	 	<b>0,397</b>	<b>21</b>
<b>S80-406</b>	<b>PERVAZ PROFİLİ</b> (53 mm/1.5 mm) JAMB PROFILE	 	<b>0,439</b>	<b>21</b>
<b>S80-407</b>	<b>PERVAZ PROFİLİ</b> (83 mm/1.7 mm) JAMB PROFILE	 	<b>0,606</b>	<b>21</b>















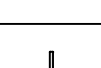
**PROFİL FİHRİSTİ / PROFILE INDEX**

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
<b>W-511</b>	<b>CAM ÇİTASI</b> (24.5mm/3.5 mm) GLASS BEAM		<b>0,206</b>	<b>22</b>
<b>W-512</b>	<b>CAM ÇİTASI</b> (24.5mm/7.5 mm) GLASS BEAM		<b>0,214</b>	<b>22</b>
<b>W-513</b>	<b>CAM ÇİTASI</b> (24.5mm/11.5 mm) GLASS BEAM		<b>0,229</b>	<b>22</b>
<b>W-514</b>	<b>CAM ÇİTASI</b> (24.5mm/15.5 mm) GLASS BEAM		<b>0,234</b>	<b>22</b>
<b>W-515</b>	<b>CAM ÇİTASI</b> (24.5mm/19.5 mm) GLASS BEAM		<b>0,264</b>	<b>22</b>
<b>W-516</b>	<b>CAM ÇİTASI</b> (24.8mm/23.5 mm) GLASS BEAM		<b>0,278</b>	<b>22</b>
<b>W-517</b>	<b>CAM ÇİTASI</b> (24.5mm/27.5 mm) GLASS BEAM		<b>0,292</b>	<b>22</b>
<b>W-518</b>	<b>CAM ÇİTASI</b> (24.5mm/31.5 mm) GLASS BEAM		<b>0,306</b>	<b>22</b>
<b>W-519</b>	<b>CAM ÇİTASI</b> (24.4mm/35.5 mm) GLASS BEAM		<b>0,320</b>	<b>22</b>
<b>W-520</b>	<b>CAM ÇİTASI</b> (24.5mm/39.5 mm) GLASS BEAM		<b>0,334</b>	<b>22</b>
<b>W-549</b>	<b>CAM ÇİTASI</b> (43.5mm/19.8 mm) GLASS BEAM	 ⚠	<b>0,346</b>	<b>22</b>
<b>W-550</b>	<b>CAM ÇİTASI</b> (47.5mm/19.8 mm) GLASS BEAM	 ⚠	<b>0,376</b>	<b>22</b>

**PROFİL FİHRİSTİ / PROFILE INDEX**

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
<b>W-511-a</b>	<b>CAM ÇİTASI</b> (24.4mm/3.5 mm) GLASS BEAM		<b>0,203</b>	<b>23</b>
<b>W-512-a</b>	<b>CAM ÇİTASI</b> (24.5mm/7.5 mm) GLASS BEAM		<b>0,211</b>	<b>23</b>
<b>W-513-a</b>	<b>CAM ÇİTASI</b> (24.4mm/11.5 mm) GLASS BEAM		<b>0,219</b>	<b>23</b>
<b>W-514-a</b>	<b>CAM ÇİTASI</b> (24.4mm/15.5 mm) GLASS BEAM		<b>0,225</b>	<b>23</b>
<b>W-515-a</b>	<b>CAM ÇİTASI</b> (24.4mm/19.5 mm) GLASS BEAM		<b>0,238</b>	<b>23</b>
<b>W-516-a</b>	<b>CAM ÇİTASI</b> (24.4mm/23.5 mm) GLASS BEAM		<b>0,265</b>	<b>23</b>
<b>W-517-a</b>	<b>CAM ÇİTASI</b> (24.4mm/27.5 mm) GLASS BEAM		<b>0,278</b>	<b>23</b>
<b>W-518-a</b>	<b>CAM ÇİTASI</b> (24.4mm/31.5 mm) GLASS BEAM		<b>0,291</b>	<b>23</b>
<b>W-519-a</b>	<b>CAM ÇİTASI</b> (24.4mm/35.5 mm) GLASS BEAM		<b>0,304</b>	<b>23</b>
<b>W-520-a</b>	<b>CAM ÇİTASI</b> (24.4mm/39.5 mm) GLASS BEAM		<b>0,317</b>	<b>23</b>
<b>W-521-a</b>	<b>CAM ÇİTASI</b> (24.4mm/43.5 mm) GLASS BEAM		<b>0,330</b>	<b>23</b>
<b>W-522-a</b>	<b>CAM ÇİTASI</b> (24.4mm/29.5 mm) GLASS BEAM		<b>0,284</b>	<b>23</b>
<b>W-550-A</b>	<b>CAM ÇİTASI</b> (47.5mm/19.8 mm) GLASS BEAM	 	<b>0,359</b>	<b>23</b>

**PROFİL FİHRİSTİ / PROFILE INDEX**

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
<b>W-524</b>	<b>DENİZLİK PROFİLİ</b> (105 mm/1.6 mm) CULVERT PROFİLE		<b>0,639</b>	<b>26</b>
<b>W-530</b>	<b>DENİZLİK PROFİLİ</b> (150 mm/2.2 mm) CULVERT PROFİLE		<b>1,209</b>	<b>26</b>
<b>W-526</b>	<b>DENİZLİK PROFİLİ</b> (160 mm/1.8 mm) CULVERT PROFİLE		<b>1,066</b>	<b>26</b>
<b>W-531</b>	<b>DENİZLİK PROFİLİ</b> (170 mm/2.2 mm) CULVERT PROFİLE		<b>1,322</b>	<b>26</b>
<b>W-532</b>	<b>DENİZLİK PROFİLİ</b> (190mm/2.2 mm) CULVERT PROFİLE		<b>1,573</b>	<b>26</b>
<b>W-528</b>	<b>DENİZLİK PROFİLİ</b> (206.6 mm/1.9 mm) CULVERT PROFİLE		<b>1,367</b>	<b>26</b>
<b>W-534</b>	<b>BİNİ PROFİLİ</b> (45 mm/30 mm) INTERLOCKING PROFİLE		<b>0,328</b>	<b>27</b>
<b>W-535</b>	<b>BİNİ PROFİLİ</b> (40 mm/26.5 mm) INTERLOCKING PROFİLE		<b>0,229</b>	<b>27</b>
<b>W-536</b>	<b>BİNİ PROFİLİ</b> (40 mm/26 mm) INTERLOCKING PROFİLE		<b>0,292</b>	<b>27</b>
<b>W-537</b>	<b>BİNİ PROFİLİ</b> (26 mm/25 mm) INTERLOCKING PROFİLE		<b>0,226</b>	<b>27</b>
<b>W-538</b>	<b>BİNİ PROFİLİ</b> (25 mm/25 mm) INTERLOCKING PROFİLE		<b>0,249</b>	<b>27</b>
<b>W-539</b>	<b>BİNİ PROFİLİ</b> (45 mm/35 mm) INTERLOCKING PROFİLE		<b>0,460</b>	<b>27</b>
<b>W-540</b>	<b>BİNİ PROFİLİ</b> (40.4 mm/20.6 mm) INTERLOCKING PROFİLE		<b>0,208</b>	<b>27</b>
<b>W-541</b>	<b>BİNİ PROFİLİ</b> (28 mm/26.7 mm) INTERLOCKING PROFİLE		<b>0,219</b>	<b>27</b>
<b>W-542</b>	<b>BİNİ PROFİLİ</b> (48.5 mm/26.3 mm) INTERLOCKING PROFİLE		<b>0,306</b>	<b>27</b>



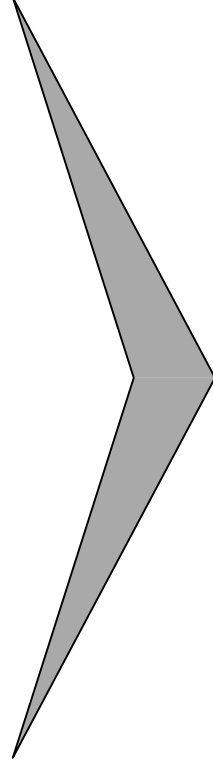






# PROFİLLER

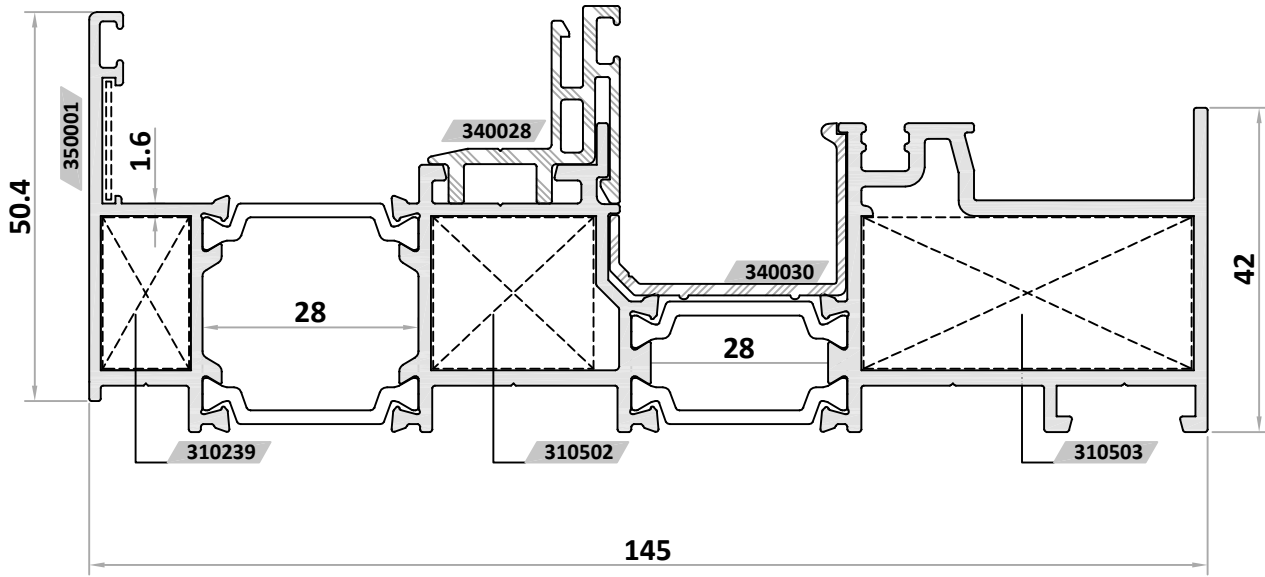
# PROFILES



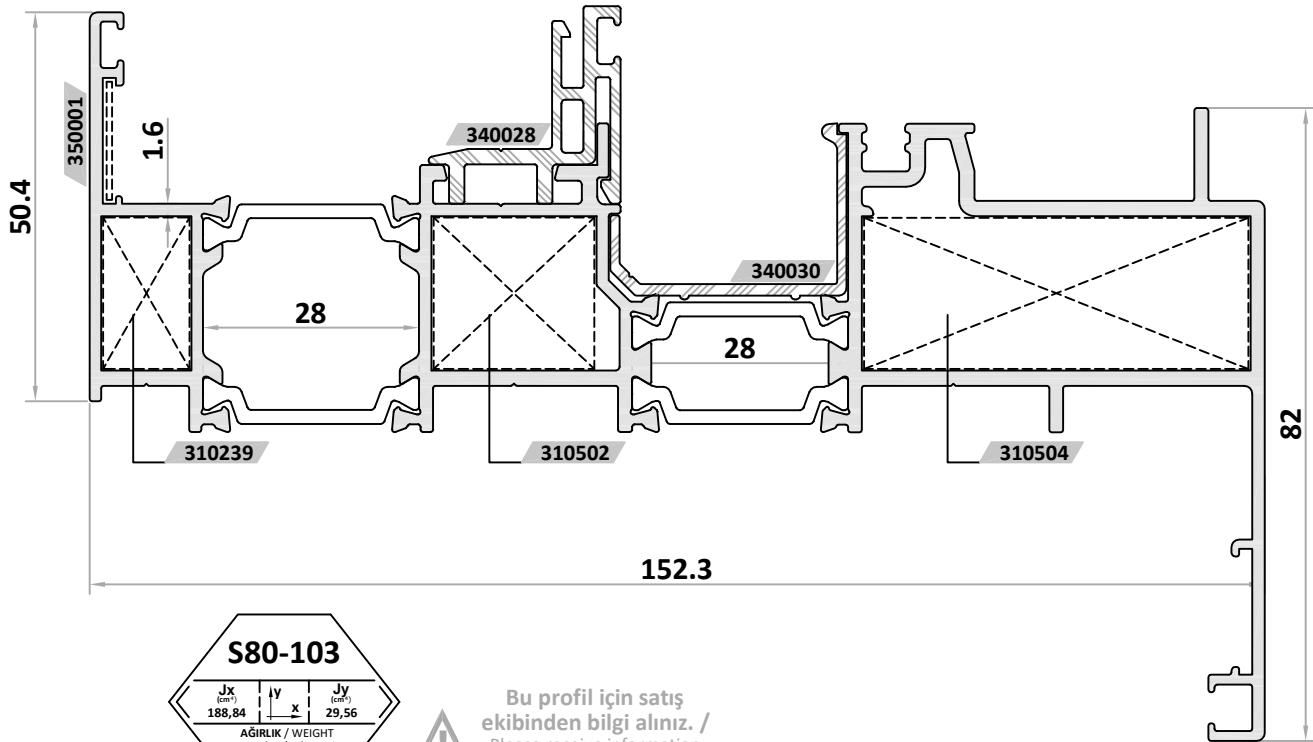
► KATALOGDA BELİRTİLEN TÜM PROFİL AĞIRLIKLARI TEORİK OLUP PROFİLLERİN PRES(HAM) HALLERİNE AİTTİR. ISI BARIYERİ ÇEŞİDİNE VEYA PROFİL YÜZEYİNDEKİ BOYA KALINLIKLARINA BAĞLI OLARAK AĞIRLIK FARKLILIKLARI OLUŞABİLMEKTEDİR. WEIGHTS IN THIS CATALOGUE ARE THEORETICAL AND BELONG TO MILL FINISH SURFACE. ACCORDING 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.





S80-101		
Jx (cm <sup>4</sup> )	Iy (cm <sup>4</sup> )	Jy (cm <sup>4</sup> )
142,78	x	14,53
AĞIRLIK / WEIGHT (KG/M.)		
2,716 (POL.)		

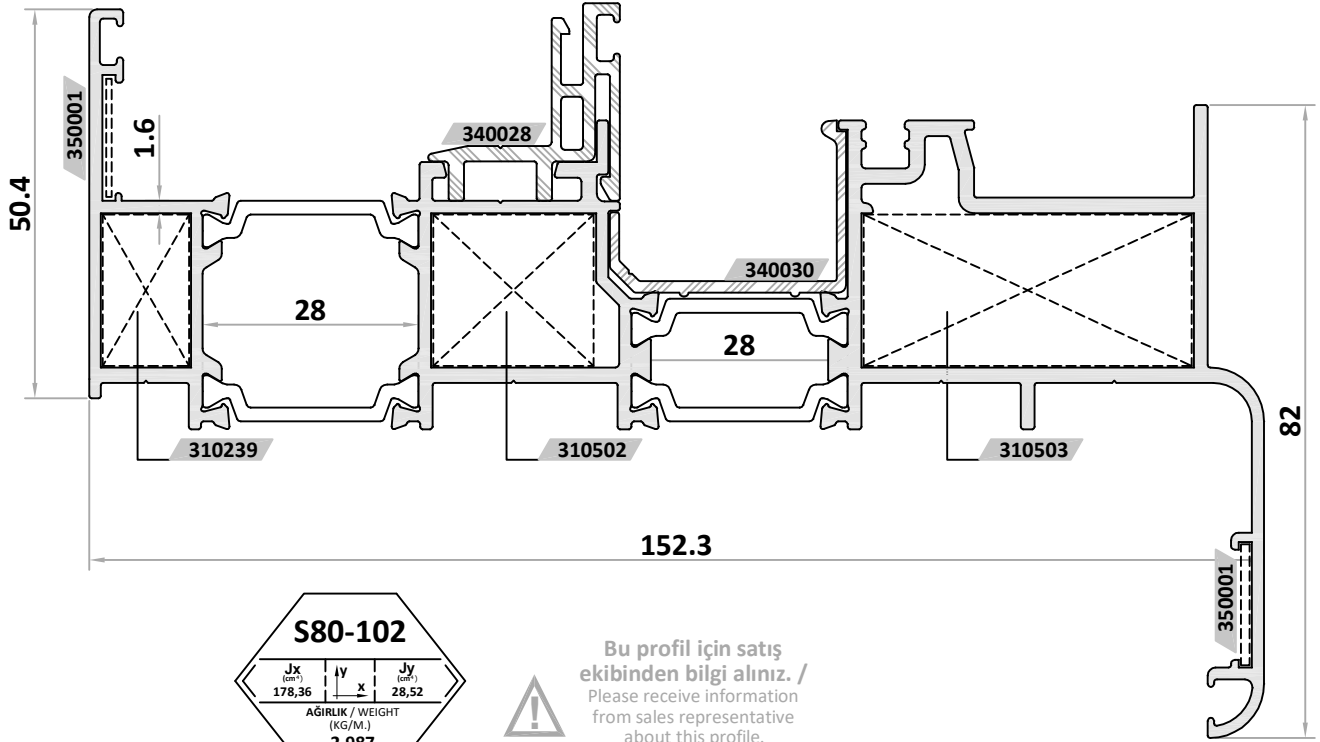


S80-103		
Jx (cm <sup>4</sup> )	Iy (cm <sup>4</sup> )	Jy (cm <sup>4</sup> )
188,84	x	29,56
AĞIRLIK / WEIGHT (KG/M.)		
2,985 (POL.)		



**Bu profil için satış ekibinden bilgi alınız. /**  
Please receive information from sales representative about this profile.

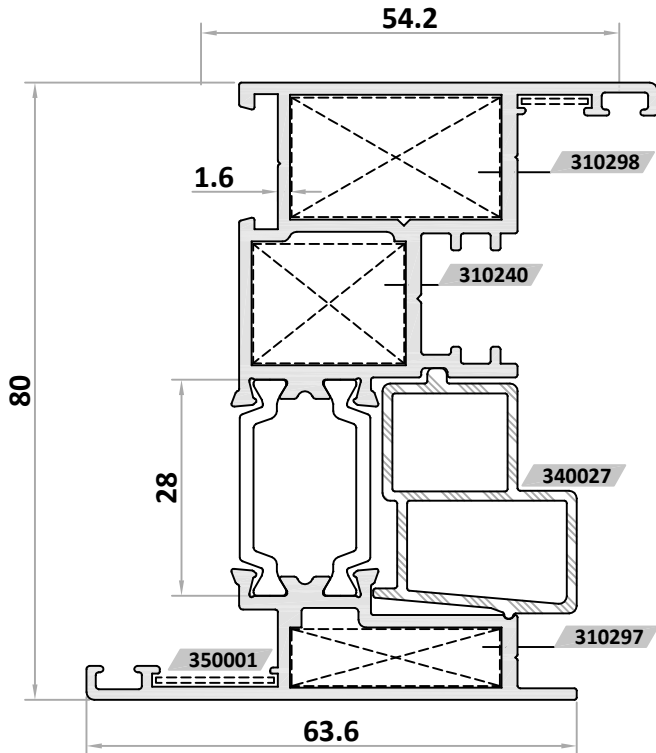
# TEONA - S80



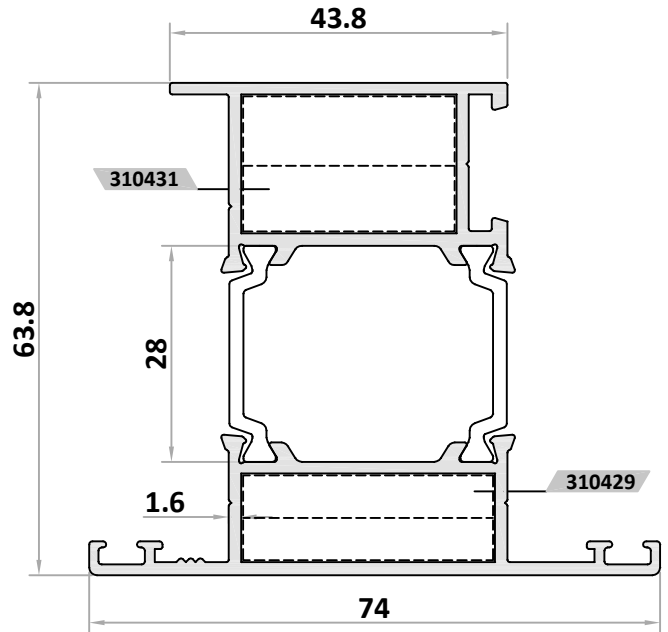
S80-102		
Jx (cm <sup>2</sup> )	Iy (cm <sup>2</sup> )	Jy (cm <sup>2</sup> )
178,36	x	28,52
AĞIRLIK / WEIGHT (KG/M.)		
2,987		
(POL.)		



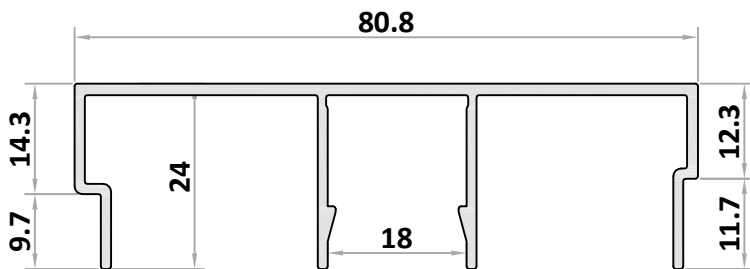
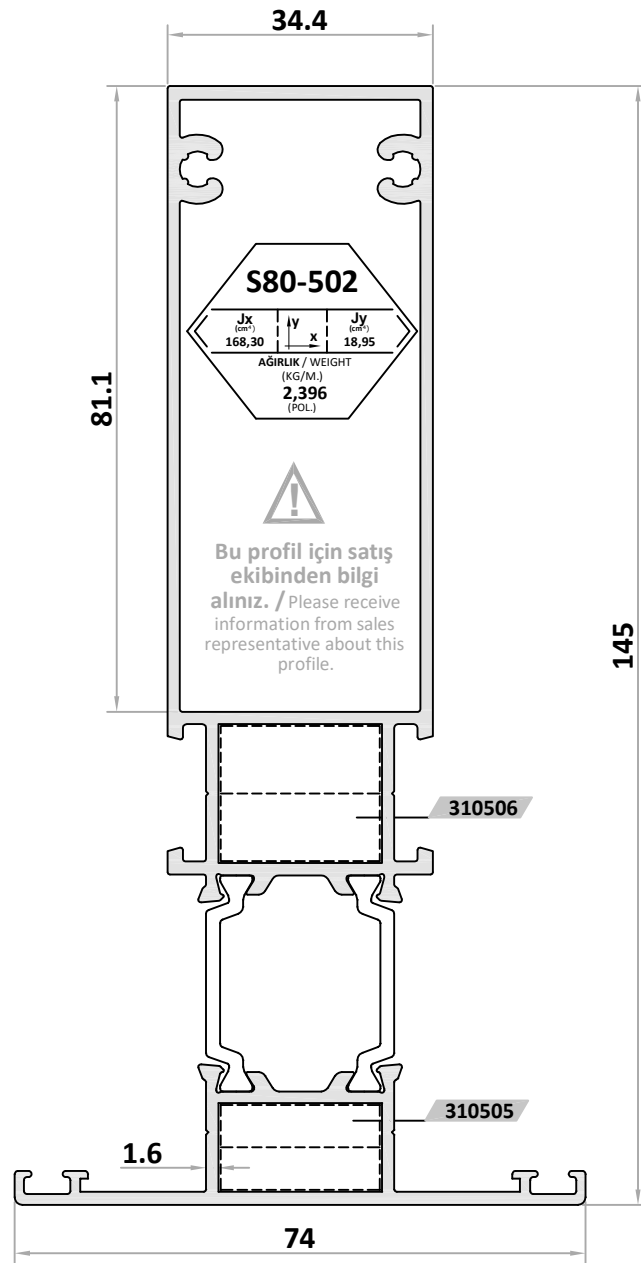
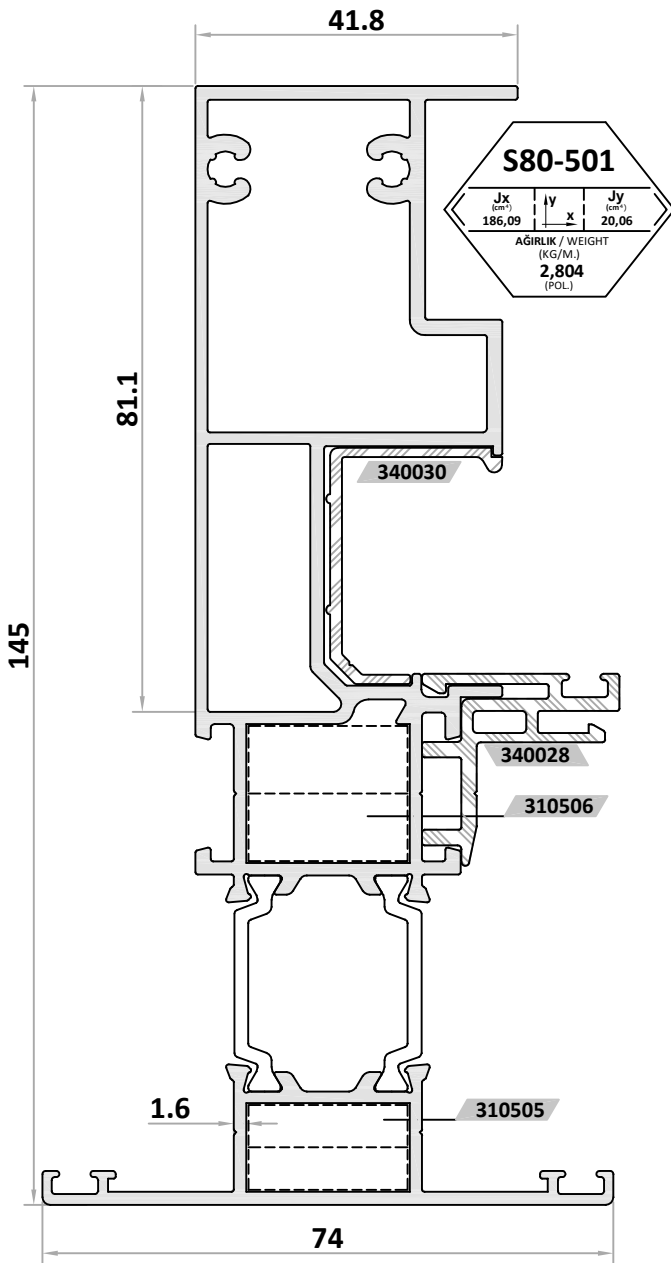
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Please receive information from sales representative about this profile.



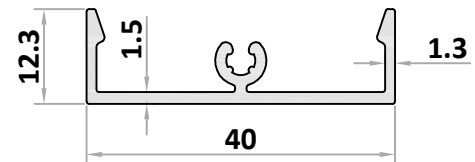
S80-201		
Jx (cm <sup>2</sup> )	Iy (cm <sup>2</sup> )	Jy (cm <sup>2</sup> )
57,43	x	17,01
AĞIRLIK / WEIGHT (KG/M.)		
1,862		
(POL.)		



S80-301		
Jx (cm <sup>2</sup> )	Iy (cm <sup>2</sup> )	Jy (cm <sup>2</sup> )
20,00	x	13,36
AĞIRLIK / WEIGHT (KG/M.)		
1,459		
(POL.)		

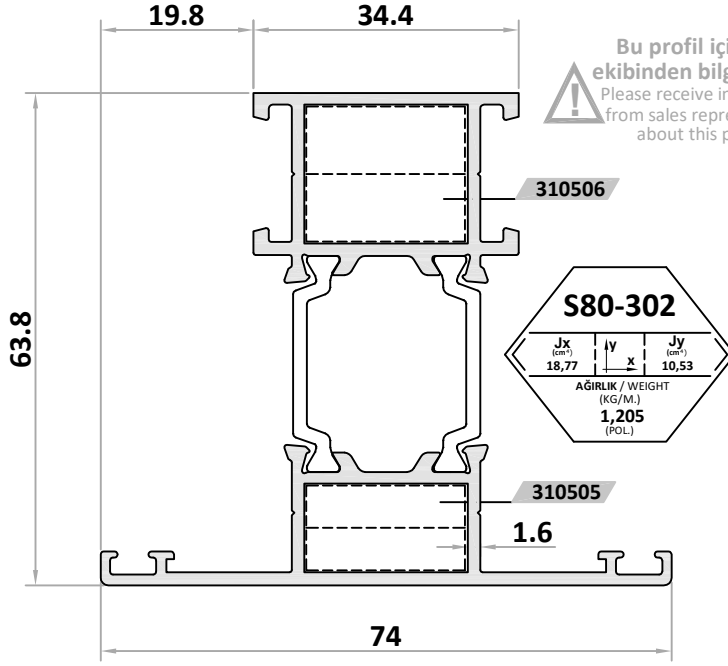


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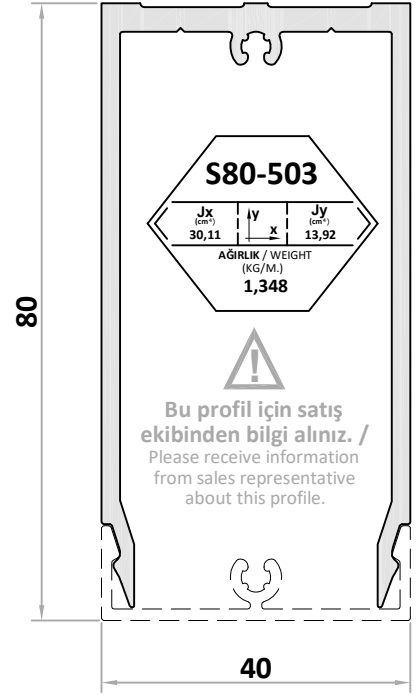


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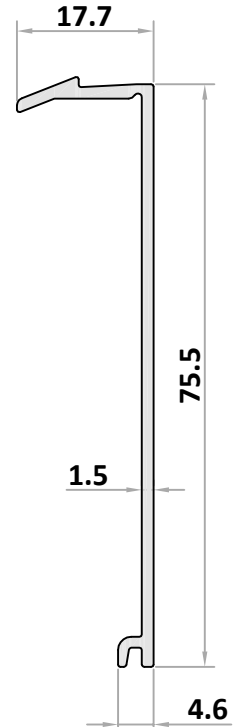
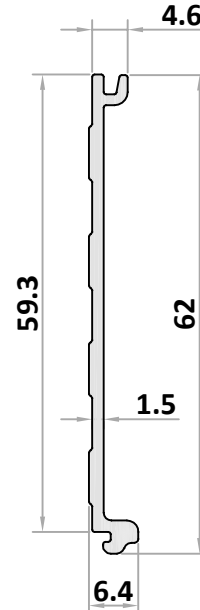
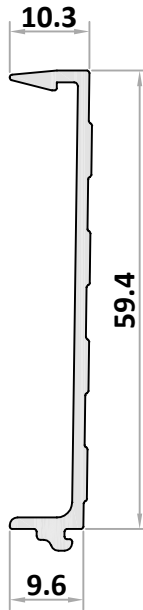
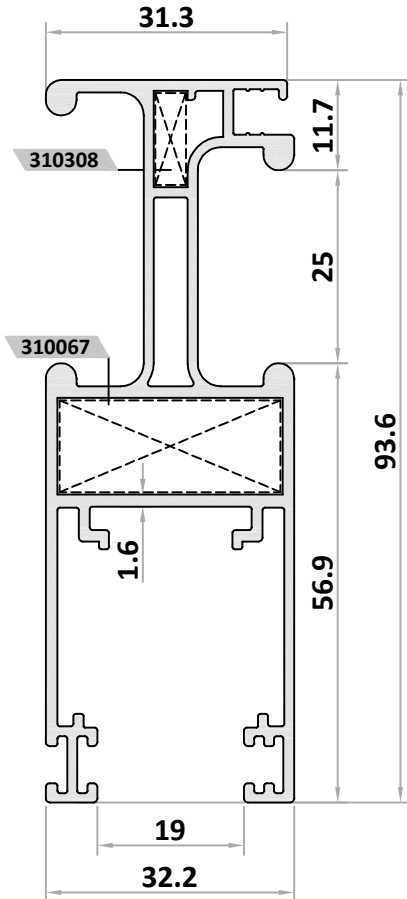
# TEONA - S80

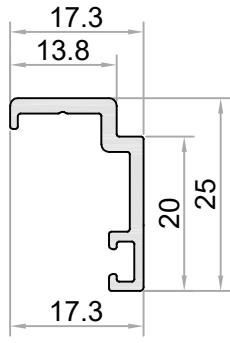


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Please receive information from sales representative about this profile.

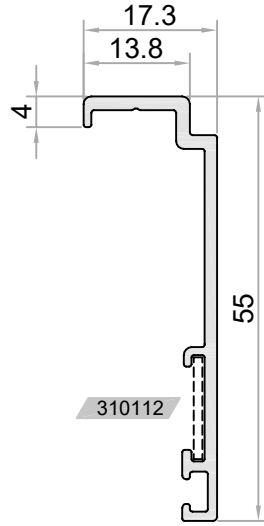


**Bu profil için satış ekibinden bilgi alınız. /**  
Please receive information from sales representative about this profile.

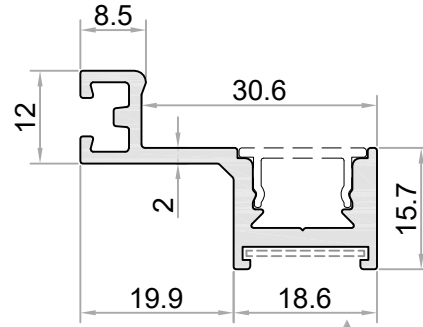




**W4-504**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,227

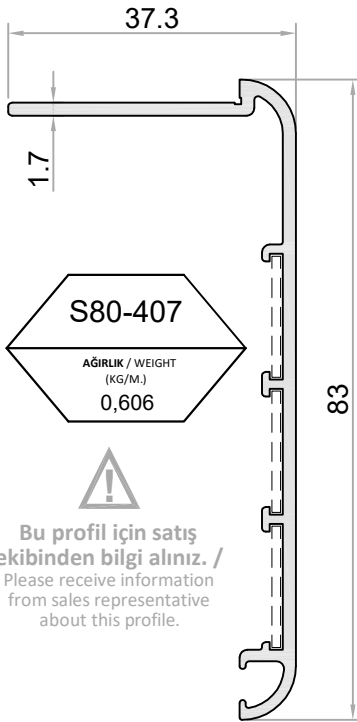


**W4-508**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,356



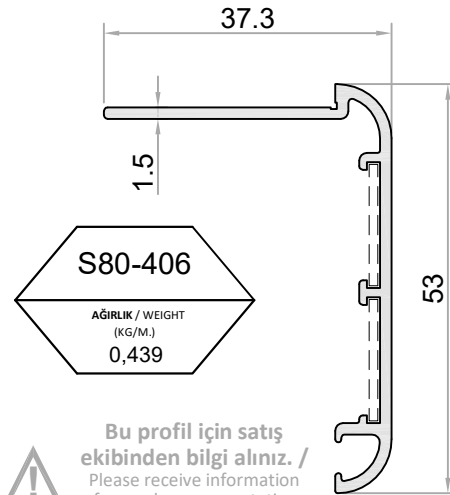
**S80-411**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,508

**!**  
Bu profil için satış ekibinden bilgi alınız. /  
Please receive information from sales representative about this profile.



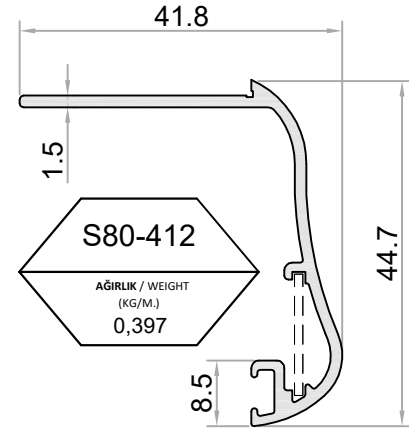
**S80-407**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,606

**!**  
Bu profil için satış ekibinden bilgi alınız. /  
Please receive information from sales representative about this profile.



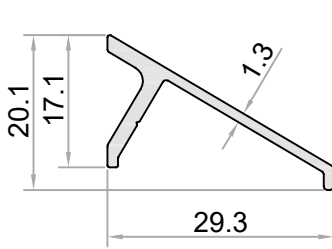
**S80-406**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,439

**!**  
Bu profil için satış ekibinden bilgi alınız. /  
Please receive information from sales representative about this profile.

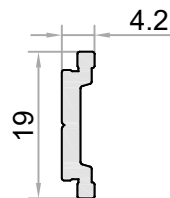


**S80-412**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,397

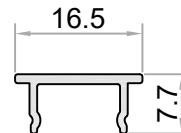
**!**  
Bu profil için satış ekibinden bilgi alınız. /  
Please receive information from sales representative about this profile.



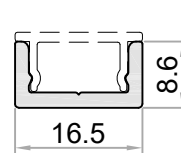
**W-503**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,211



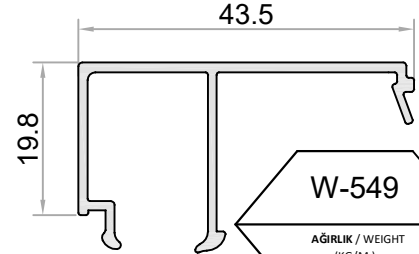
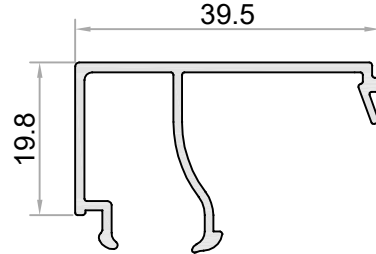
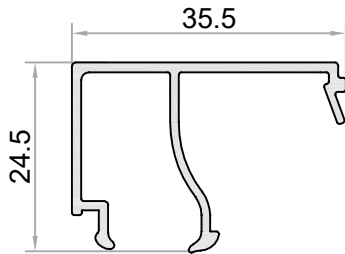
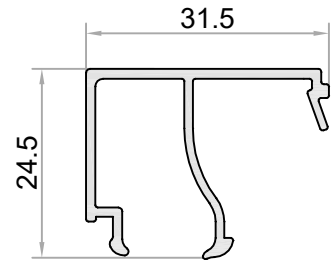
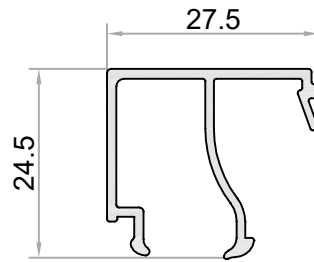
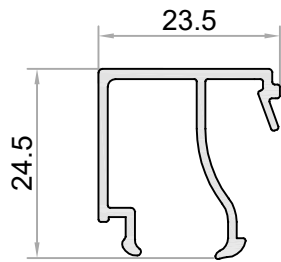
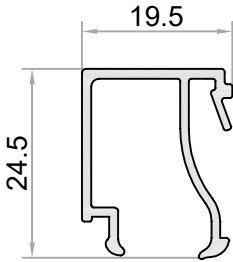
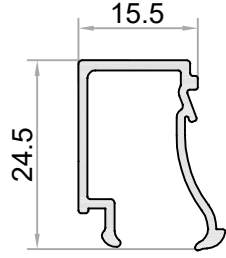
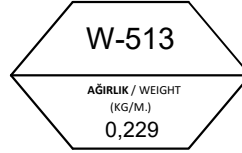
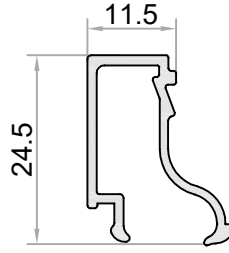
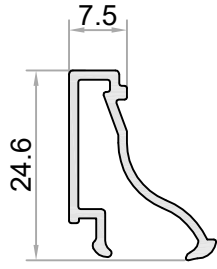
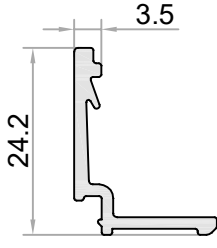
**W1-508**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,134



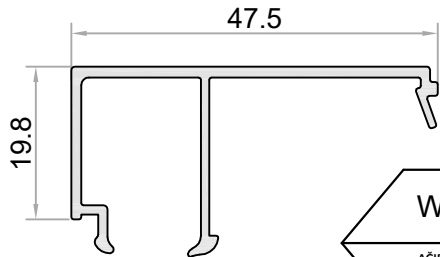
**S80-408**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,092



**S80-409**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,154

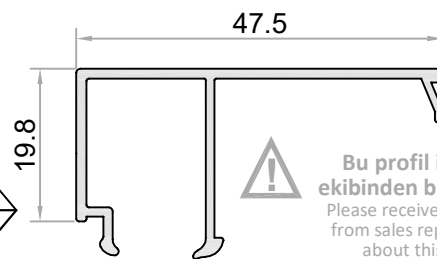
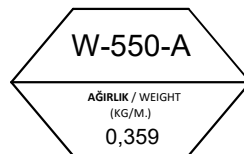
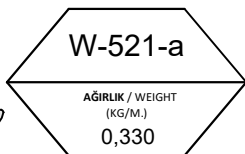
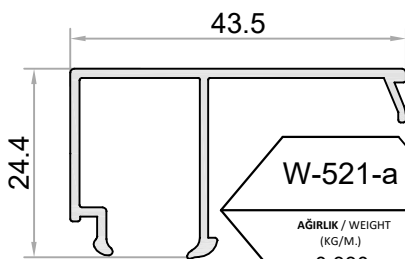
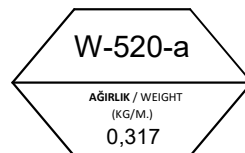
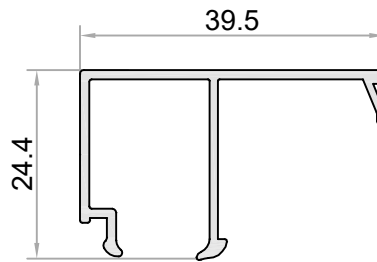
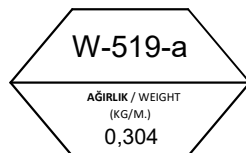
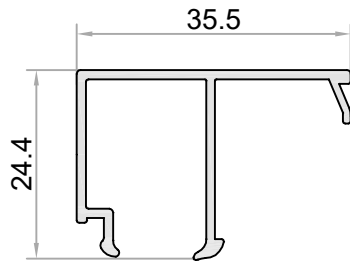
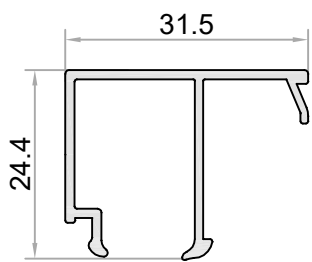
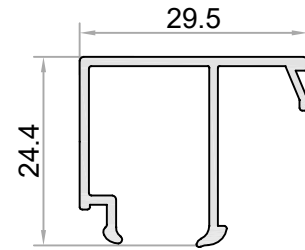
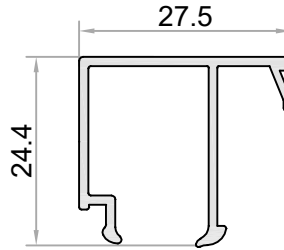
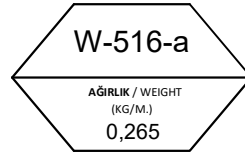
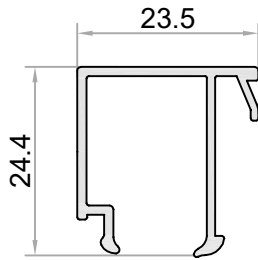
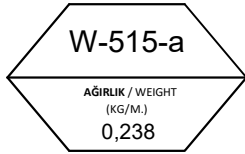
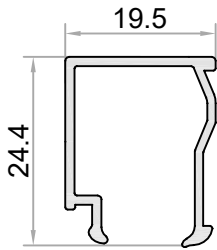
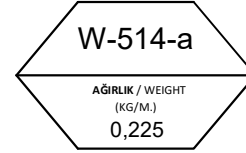
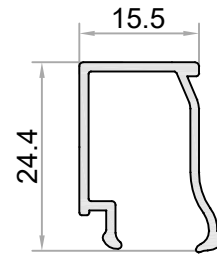
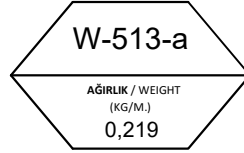
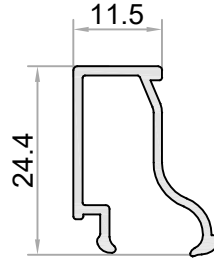
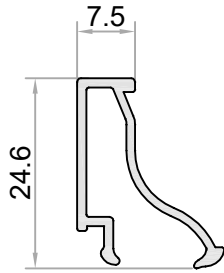
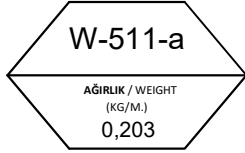
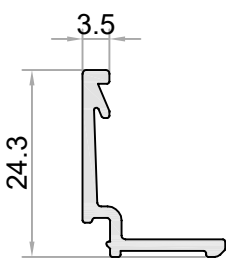


**Bu profil için satış ekibinden bilgi alınız. /**  
Please receive information from sales representative about this profile.



**Bu profil için satış ekibinden bilgi alınız. /**  
Please receive information from sales representative about this profile.





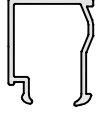

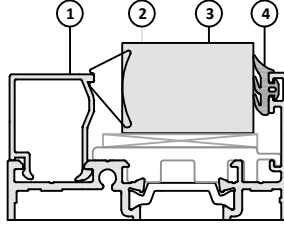

Bu profil için satış ekibinden bilgi alınız. / Please receive information from sales representative about this profile.

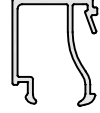

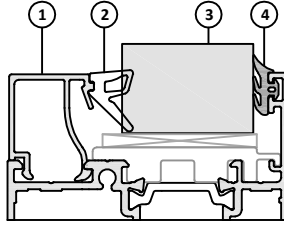

CAM ÇITASI & FİTİL SEÇİM TABLOSU / SELECTION TABLE FOR GLAZING BEADS

KAMA TİPİ FİTİLLER VE CAM ÇİTALARI INNER GLAZING GASKETS AND GLAZING BEADS		KANAT İÇİN	
1	2	3	4
CAM ÇİTALARI GLAZING BEADS	İÇ CAM FİTİLİ INNER GASKET	CAM KALINLIĞI GLASS THICKNESS	DIŞ CAM FİTİLİ OUTER GASKET
W-550-A	320132	17 mm	320049
W-550-A	320131	18 mm	320049
W-550-A	320130	19 mm	320049
W-550-A	320129	20 mm	320049
W-521-a	320132	21 mm	320049
W-521-a	320131	22 mm	320049
W-521-a	320130	23 mm	320049
W-521-a	320129	24 mm	320049
W-520-a	320132	25 mm	320049
W-520-a	320131	26 mm	320049
W-520-a	320130	27 mm	320049
W-520-a	320129	28 mm	320049
W-519-a	320132	29 mm	320049
W-519-a	320131	30 mm	320049
W-519-a	320130	31 mm	320049
W-519-a	320129	32 mm	320049
W-518-a	320132	33 mm	320049
W-518-a	320131	34 mm	320049
W-518-a	320130	35 mm	320049
W-518-a	320129	36 mm	320049
W-517-a	320132	37 mm	320049
W-517-a	320131	38 mm	320049
W-517-a	320130	39 mm	320049
W-517-a	320129	40 mm	320049
W-516-a	320132	41 mm	320049
W-516-a	320131	42 mm	320049
W-516-a	320130	43 mm	320049
W-516-a	320129	44 mm	320049
W-515-a	320132	45 mm	320049
W-515-a	320131	46 mm	320049
W-515-a	320130	47 mm	320049
W-515-a	320129	48 mm	320049
W-514-a	320132	49 mm	320049
W-514-a	320131	50 mm	320049
W-514-a	320130	51 mm	320049
W-514-a	320129	52 mm	320049
W-513-a	320132	53 mm	320049
W-513-a	320131	54 mm	320049
W-513-a	320130	55 mm	320049
W-513-a	320129	56 mm	320049
W-512-a	320132	57 mm	320049
W-512-a	320131	58 mm	320049
W-512-a	320130	59 mm	320049
W-512-a	320129	60 mm	320049
W-511-a	320132	61 mm	320049
W-511-a	320131	62 mm	320049
W-511-a	320130	63 mm	320049
W-511-a	320129	64 mm	320049

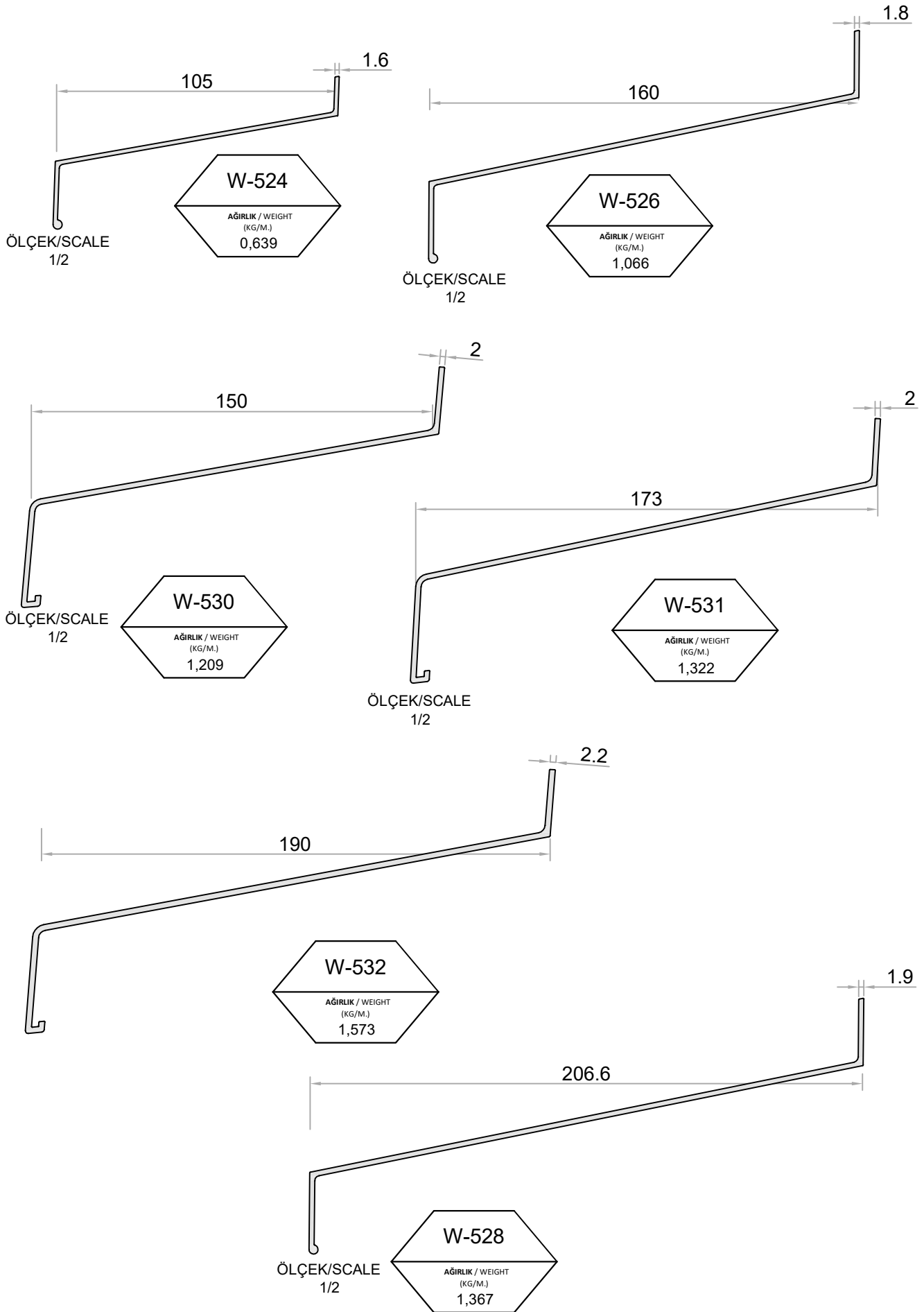
HEMYÜZ TİPİ FİTİLLER VE CAM ÇİTALARI INNER GLAZING HIDDEN GASKETS AND GLAZING BEADS		KANAT İÇİN	
1	2	3	4
CAM ÇİTALARI GLAZING BEADS	İÇ CAM FİTİLİ INNER GASKET	CAM KALINLIĞI GLASS THICKNESS	DIŞ CAM FİTİLİ OUTER GASKET
W-550	320138	17 mm	320049
W-550	320137	18 mm	320049
W-550	320136	19 mm	320049
W-550	320135	20 mm	320049
W-549	320138	21 mm	320049
W-549	320137	22 mm	320049
W-549	320136	23 mm	320049
W-549	320135	24 mm	320049
W-520	320138	25 mm	320049
W-520	320137	26 mm	320049
W-520	320136	27 mm	320049
W-520	320135	28 mm	320049
W-519	320138	29 mm	320049
W-519	320137	30 mm	320049
W-519	320136	31 mm	320049
W-519	320135	32 mm	320049
W-518	320138	33 mm	320049
W-518	320137	34 mm	320049
W-518	320136	35 mm	320049
W-518	320135	36 mm	320049
W-517	320138	37 mm	320049
W-517	320137	38 mm	320049
W-517	320136	39 mm	320049
W-517	320135	40 mm	320049
W-516	320138	41 mm	320049
W-516	320137	42 mm	320049
W-516	320136	43 mm	320049
W-516	320135	44 mm	320049
W-515	320138	45 mm	320049
W-515	320137	46 mm	320049
W-515	320136	47 mm	320049
W-515	320135	48 mm	320049
W-514	320138	49 mm	320049
W-514	320137	50 mm	320049
W-514	320136	51 mm	320049
W-514	320135	52 mm	320049
W-513	320138	53 mm	320049
W-513	320137	54 mm	320049
W-513	320136	55 mm	320049
W-513	320135	56 mm	320049
W-512	320138	57 mm	320049
W-512	320137	58 mm	320049
W-512	320136	59 mm	320049
W-512	320135	60 mm	320049
W-511	320138	61 mm	320049
W-511	320137	62 mm	320049
W-511	320136	63 mm	320049
W-511	320135	64 mm	320049

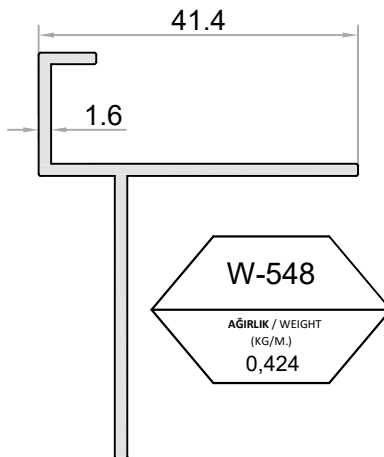
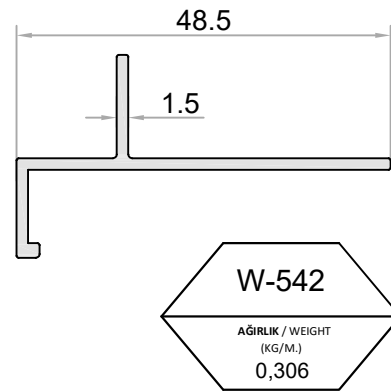
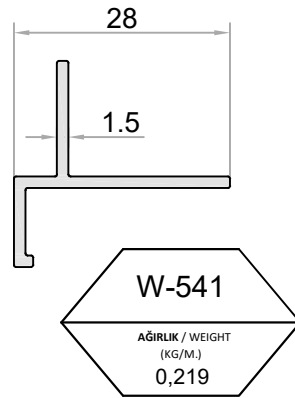
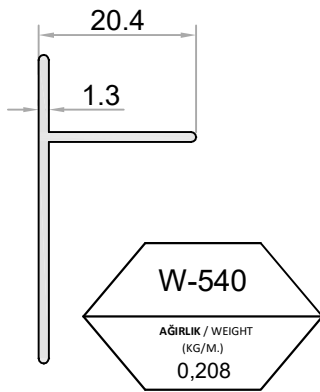
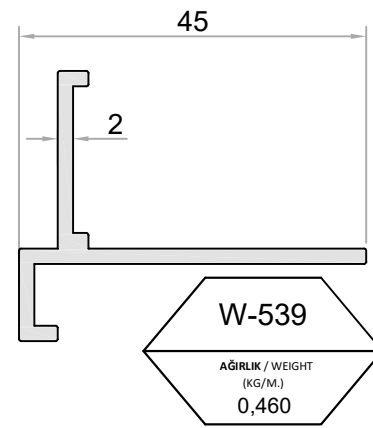
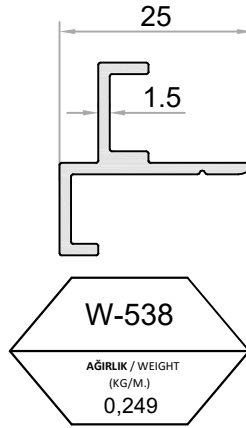
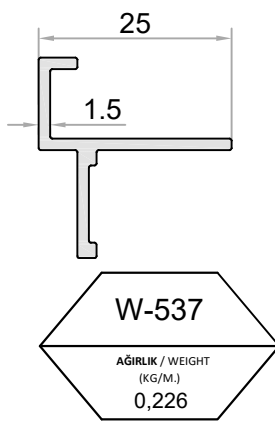
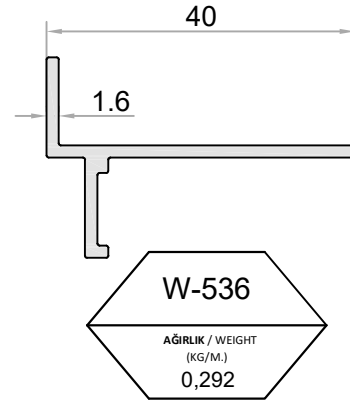
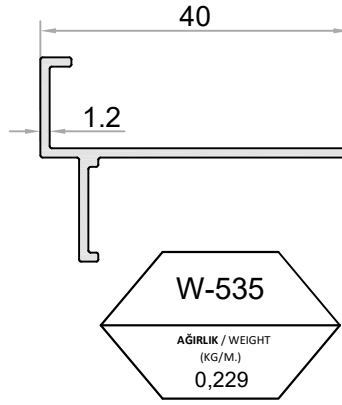
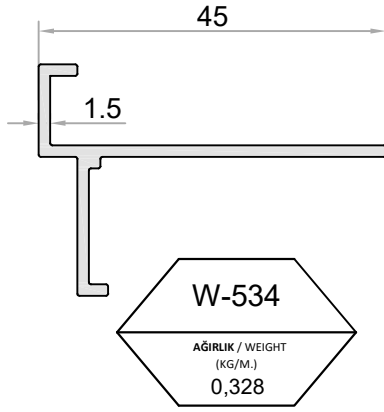
## CAM ÇITASI & FİTİL SEÇİM TABLOSU / SELECTION TABLE FOR GLAZING BEADS

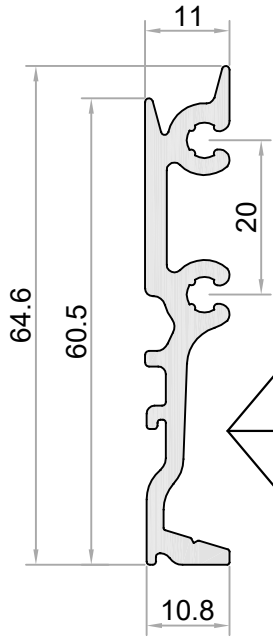
KAMA TİPİ FİTİLLER VE CAM ÇITALARI INNER GLAZING GASKETS AND GLAZING BEADS		SABİT İÇİN	
			
1	2	3	4
CAM ÇITALARI GLAZING BEADS	İÇ CAM FİTİLİ INNER GASKET	CAM KALINLIĞI GLASS THICKNESS	DIŞ CAM FİTİLİ OUTER GLAZING GASKET
W-519-A	320130	15 mm	320071
W-519-A	320129	16 mm	320071
W-518-A	320132	17 mm	320071
W-518-A	320131	18 mm	320071
W-518-A	320130	19 mm	320071
W-518-A	320129	20 mm	320071
W-517-A	320132	21 mm	320071
W-517-A	320131	22 mm	320071
W-517-A	320130	23 mm	320071
W-517-A	320129	24 mm	320071
W-516-A	320132	25 mm	320071
W-516-A	320131	26 mm	320071
W-516-A	320130	27 mm	320071
W-516-A	320129	28 mm	320071
W-515-A	320132	29 mm	320071
W-515-A	320131	30 mm	320071
W-515-A	320130	31 mm	320071
W-515-A	320129	32 mm	320071
W-514-A	320132	33 mm	320071
W-514-A	320131	34 mm	320071
W-514-A	320130	35 mm	320071
W-514-A	320129	36 mm	320071
W-513-A	320132	37 mm	320071
W-513-A	320131	38 mm	320071
W-513-A	320130	39 mm	320071
W-513-A	320129	40 mm	320071
W-512-A	320132	41 mm	320071
W-512-A	320131	42 mm	320071
W-512-A	320130	43 mm	320071
W-512-A	320129	44 mm	320071
W-511-A	320132	45 mm	320071
W-511-A	320131	46 mm	320071
W-511-A	320130	47 mm	320071
W-511-A	320129	48 mm	320071

HEMYÜZ TİPİ FİTİLLER VE CAM ÇITALARI INNER GLAZING HIDDEN GASKETS AND GLAZING BEADS		SABİT İÇİN	
			
1	2	3	4
CAM ÇITALARI GLAZING BEADS	İÇ CAM FİTİLİ INNER GASKET	CAM KALINLIĞI GLASS THICKNESS	DIŞ CAM FİTİLİ OUTER GLAZING GASKET
W-519	320136	15 mm	320071
W-519	320135	16 mm	320071
W-518	320138	17 mm	320071
W-518	320137	18 mm	320071
W-518	320136	19 mm	320071
W-518	320135	20 mm	320071
W-517	320138	21 mm	320071
W-517	320137	22 mm	320071
W-517	320136	23 mm	320071
W-517	320135	24 mm	320071
W-516	320138	25 mm	320071
W-516	320137	26 mm	320071
W-516	320136	27 mm	320071
W-516	320135	28 mm	320071
W-515	320138	29 mm	320071
W-515	320137	30 mm	320071
W-515	320136	31 mm	320071
W-515	320135	32 mm	320071
W-514	320138	33 mm	320071
W-514	320137	34 mm	320071
W-514	320136	35 mm	320071
W-514	320135	36 mm	320071
W-513	320138	37 mm	320071
W-513	320137	38 mm	320071
W-513	320136	39 mm	320071
W-513	320135	40 mm	320071
W-512	320138	41 mm	320071
W-512	320137	42 mm	320071
W-512	320136	43 mm	320071
W-512	320135	44 mm	320071
W-511	320138	45 mm	320071
W-511	320137	46 mm	320071
W-511	320136	47 mm	320071
W-511	320135	48 mm	320071

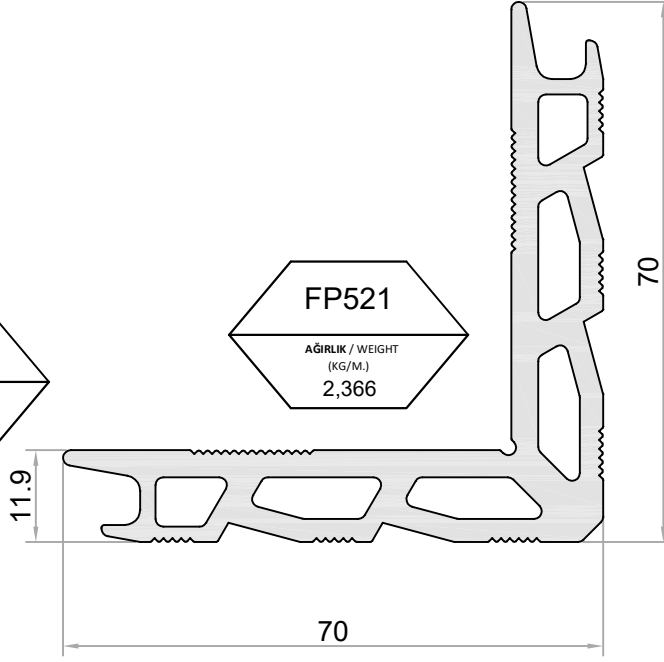
# TEONA - S80



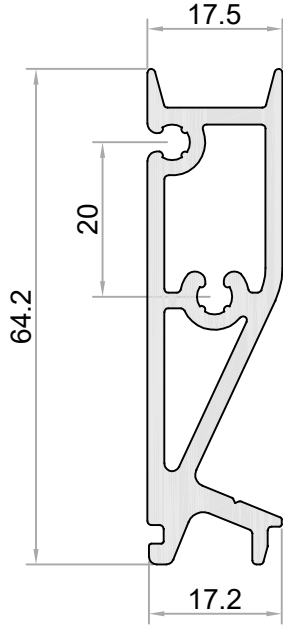




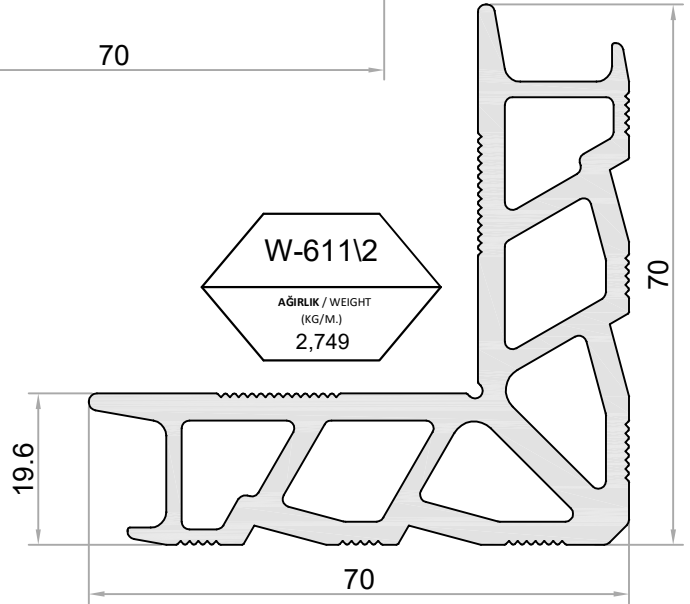
**S80-602**  
AĞIRLIK / WEIGHT  
(KG/M.)  
0,764



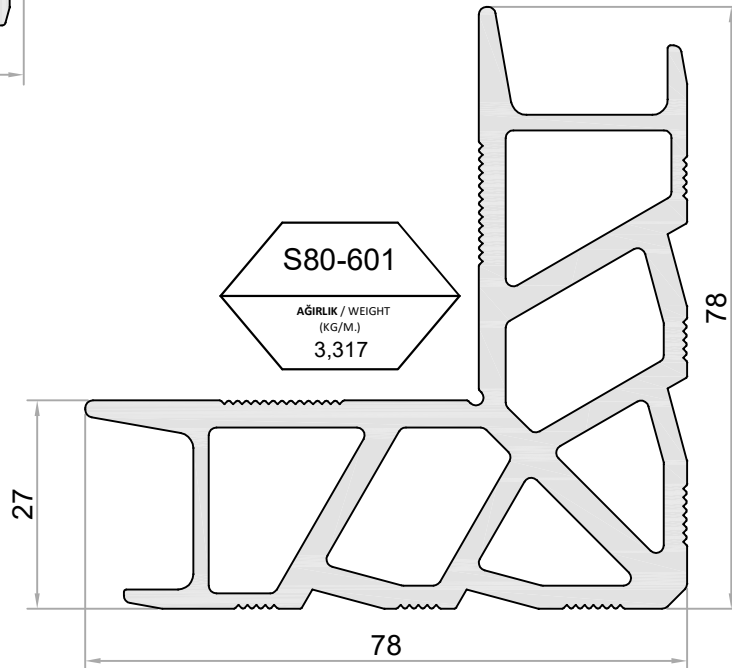
**FP521**  
AĞIRLIK / WEIGHT  
(KG/M.)  
2,366



**S80-603**  
AĞIRLIK / WEIGHT  
(KG/M.)  
1,118



**W-611\2**  
AĞIRLIK / WEIGHT  
(KG/M.)  
2,749



**S80-601**  
AĞIRLIK / WEIGHT  
(KG/M.)  
3,317

## KÖŞE TAKOZU AKSESUARLARI / CORNER CLEAT ACCESSORIES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
<b>310067</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>FP521</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,367 kg/m.		<b>28,6 mm</b>
<b>310239</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>W611\2</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,749 kg/m.		<b>11,3 mm</b>
<b>310240</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>W611\2</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,749 kg/m.		<b>15,6 mm</b>
<b>310297</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>S80-601</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,318 kg/m.		<b>7,4 mm</b>
<b>310298</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>S80-601</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,318 kg/m.		<b>15,6 mm</b>
<b>310308</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>FP521</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,367 kg/m.		<b>4 mm</b>
<b>310502</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>W611\2</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,749 kg/m.		<b>20,8 mm</b>
<b>310503</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>W611\2</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,749 kg/m.		<b>42,5 mm</b>
<b>310504</b> <b>KÖŞE TAKOZU / CORNER CLEAT</b> PROFİL NUMARASI / PROFILE NUMBER: <b>W611\2</b> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,749 kg/m.		<b>49,8 mm</b>

**T VE U BAĞLANTI AKSESUARLARI / T AND U CONNECTION ACCESSORIES**

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
310429	32,4 mm
310505	20,6 mm

**T BAĞLANTI  
T CONNECTION**



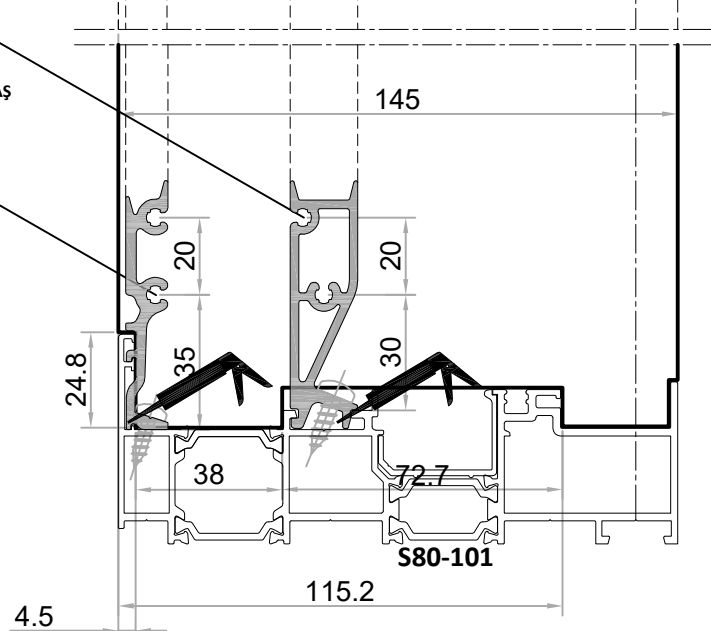
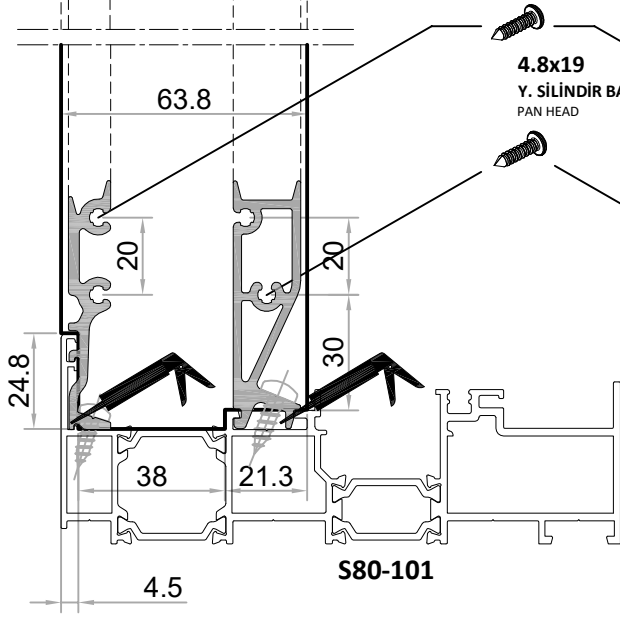
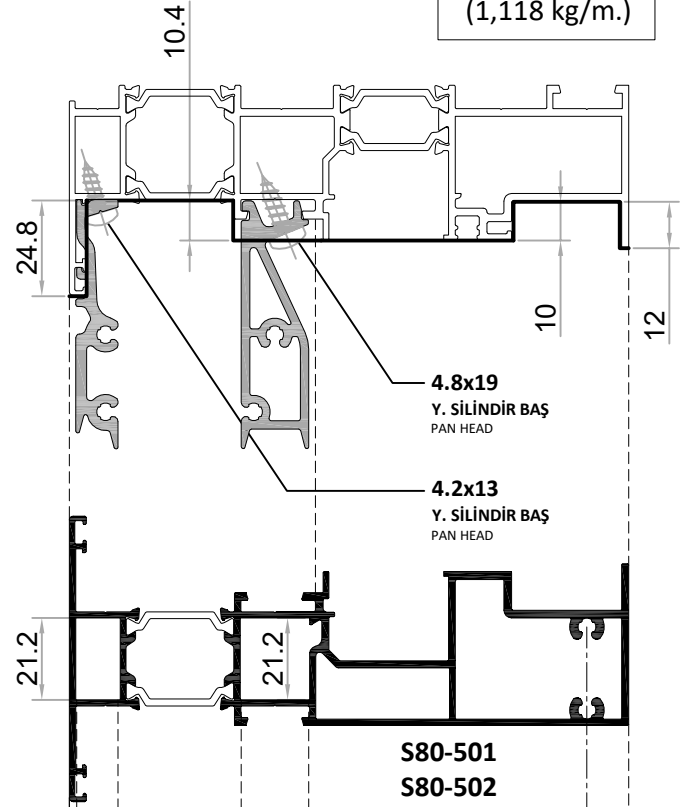
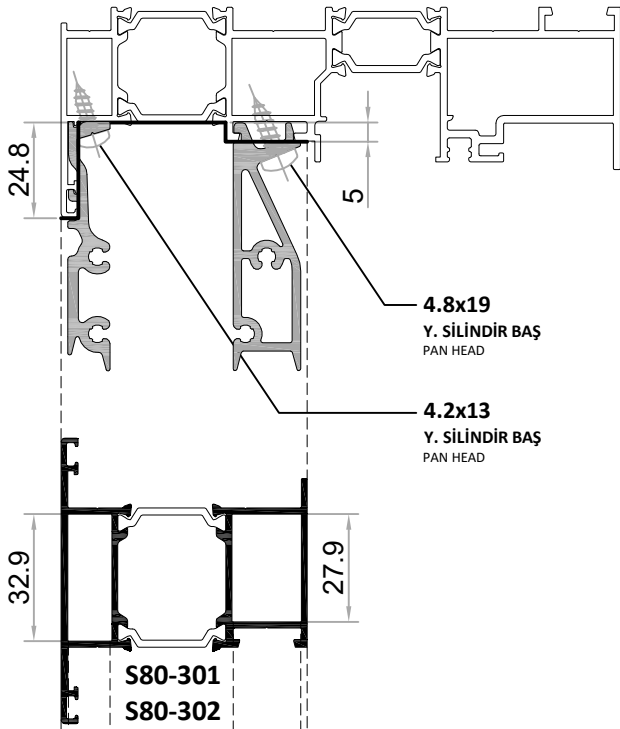
**S80-602**  
(0,764 kg/m.)

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
310431	27,4 mm
310506	20,6 mm

**U BAĞLANTI  
U CONNECTION**



**S80-603**  
(1,118 kg/m.)

















# DETAYLAR

# DETAILS

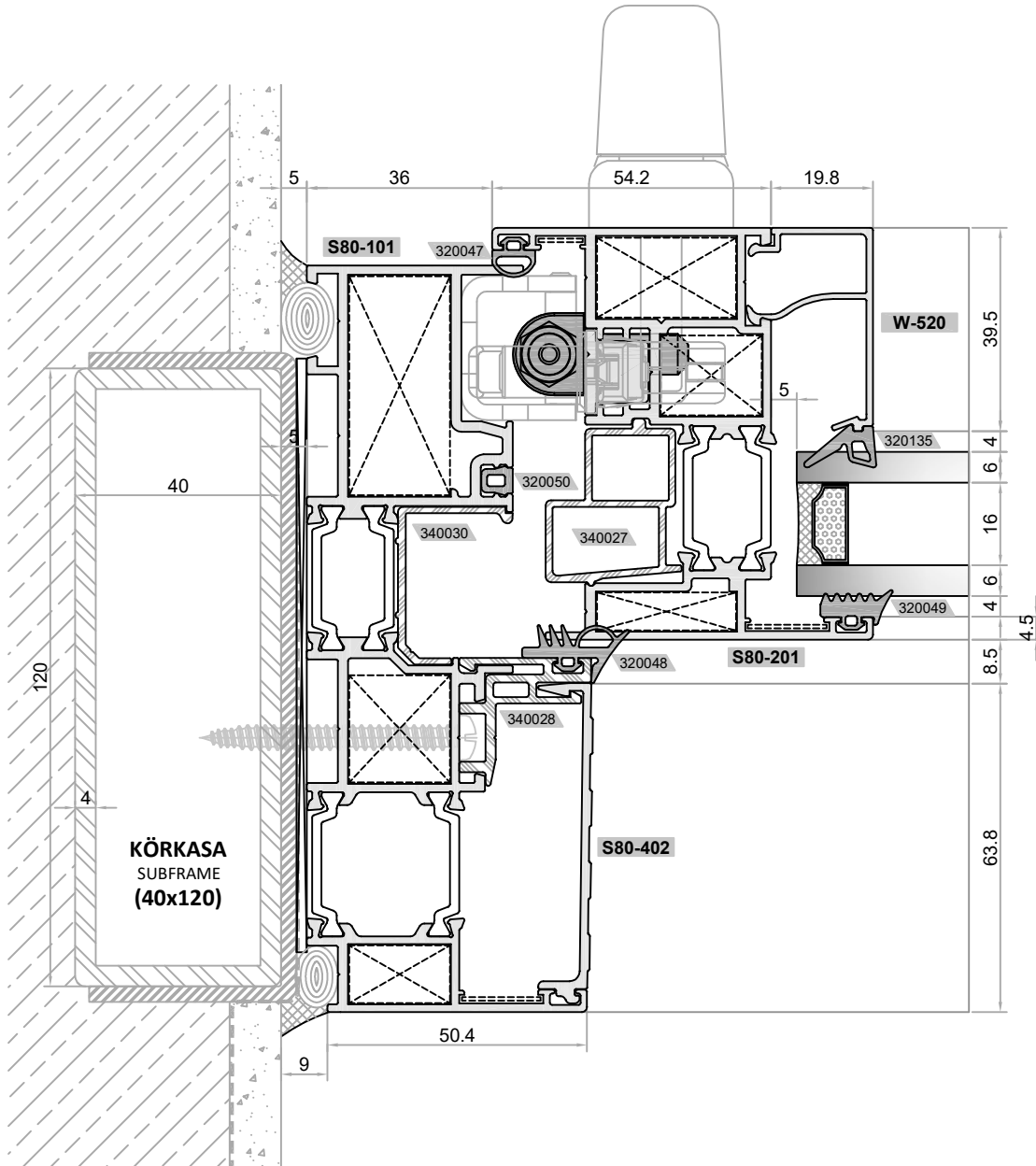
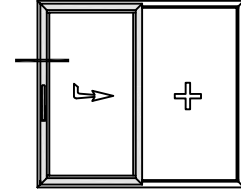
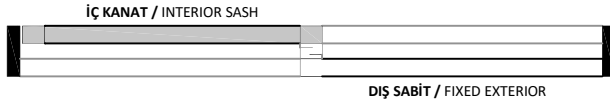
## TARAMA STİLLERİ / HATCH STYLES

	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

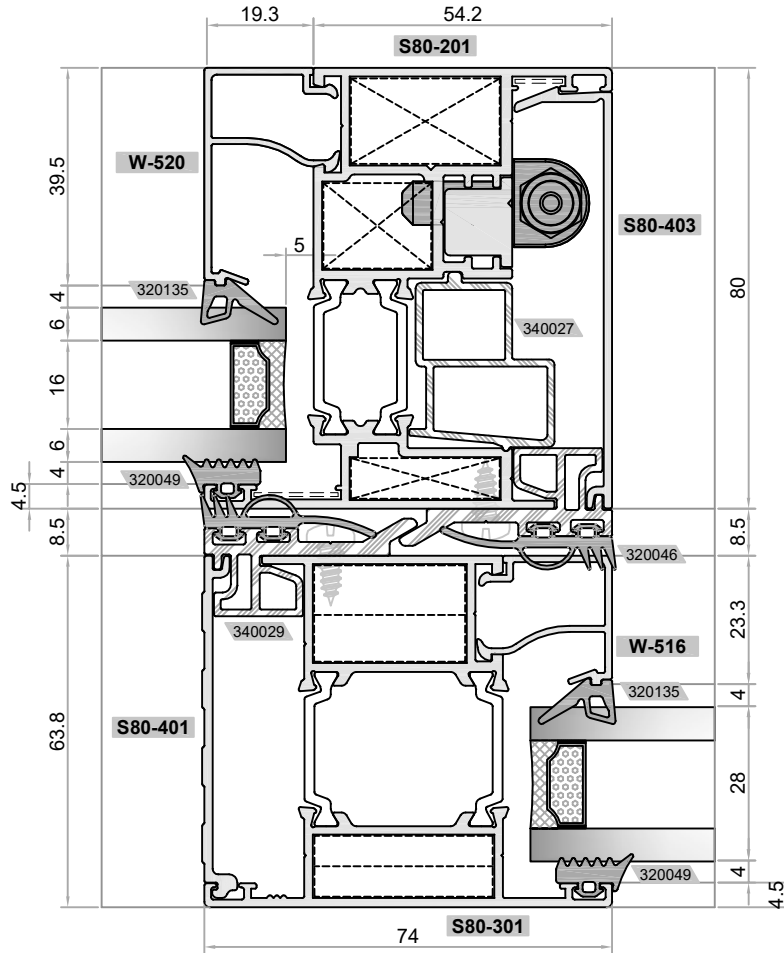
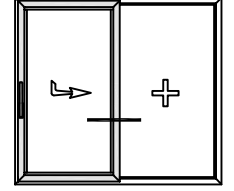
► SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.  
SİSTEM ALÜMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.



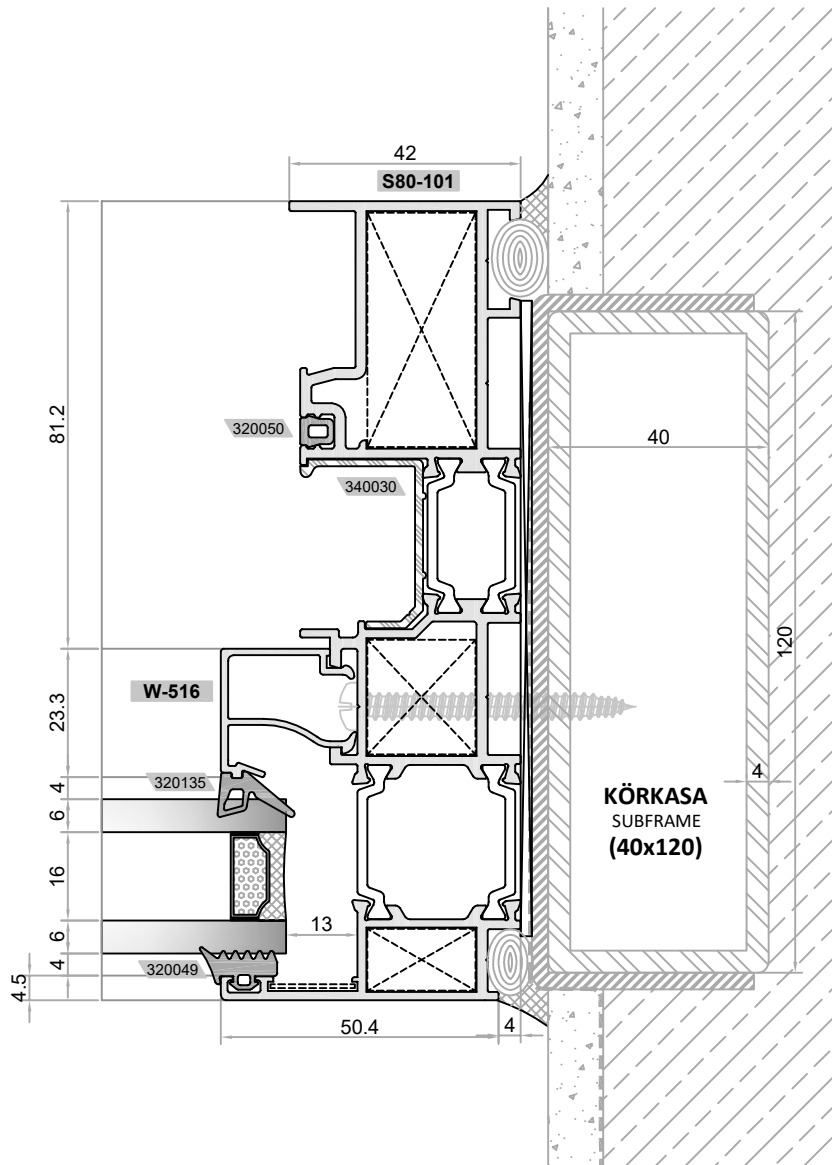
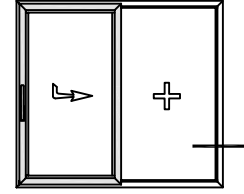
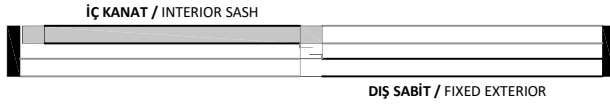
**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



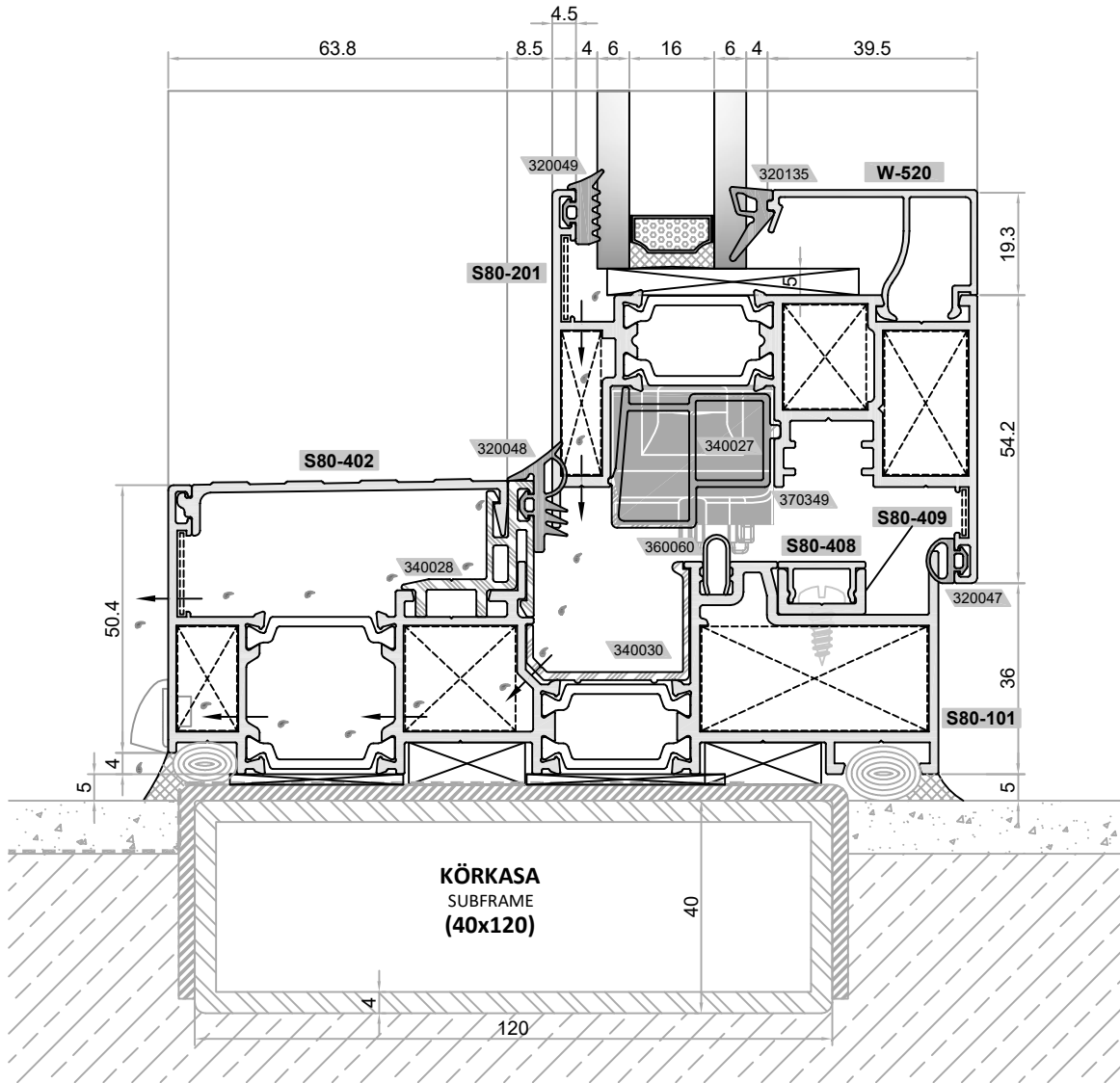
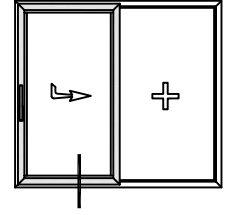
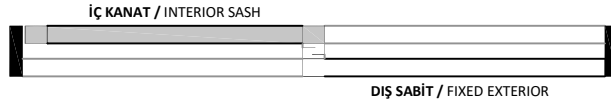
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ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



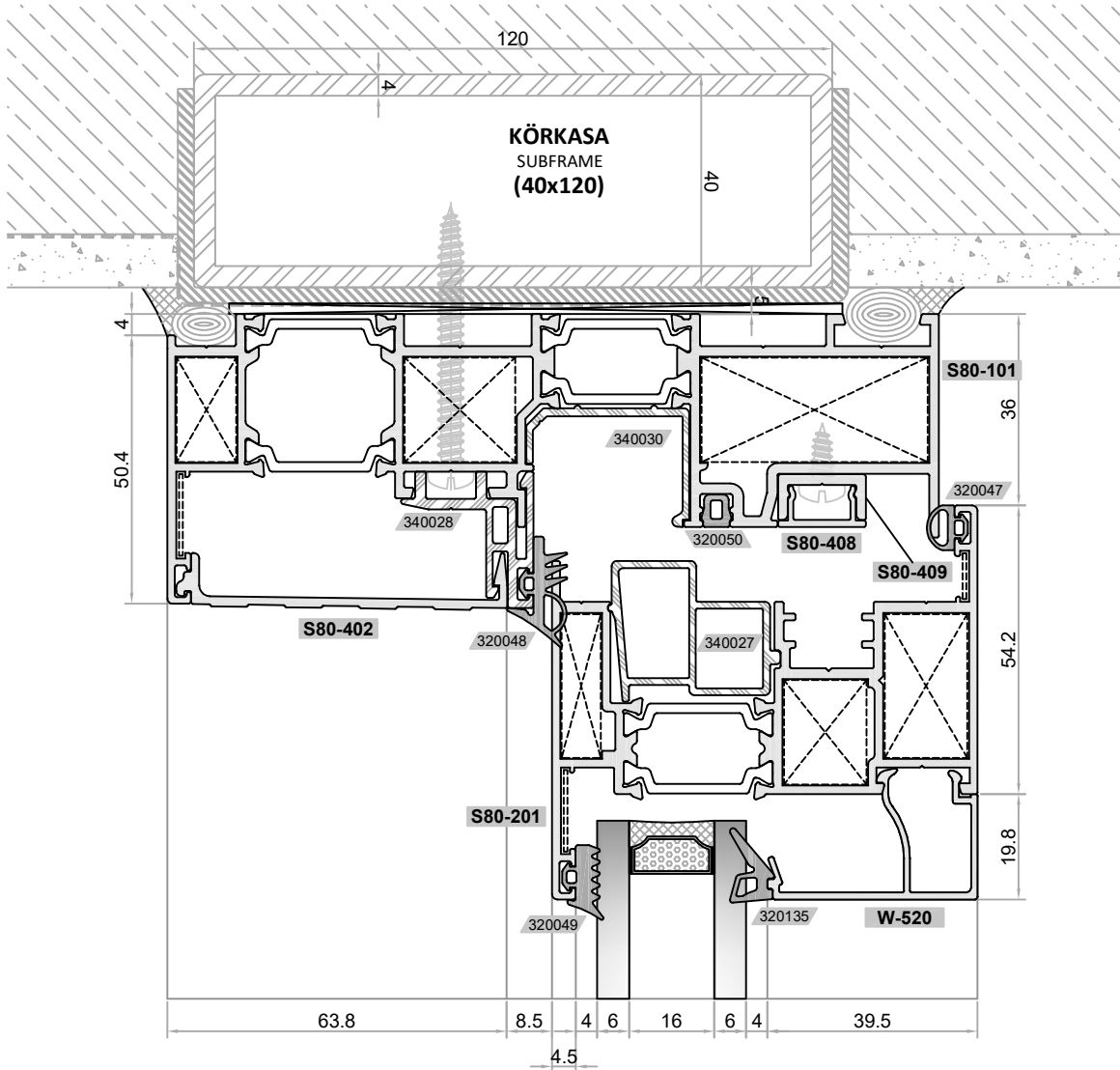
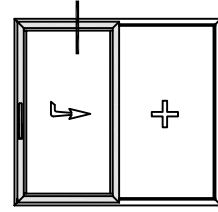
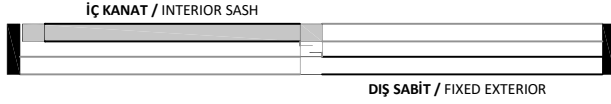
**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



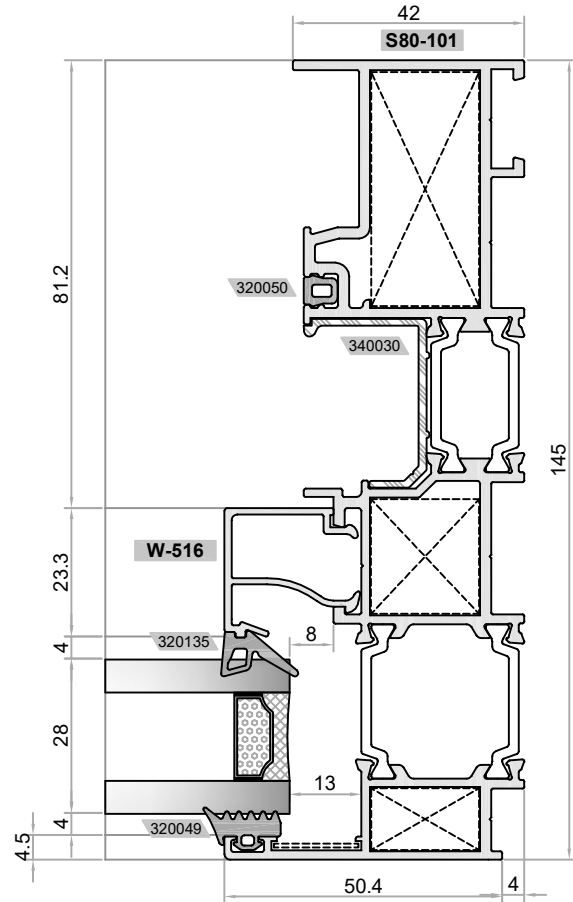
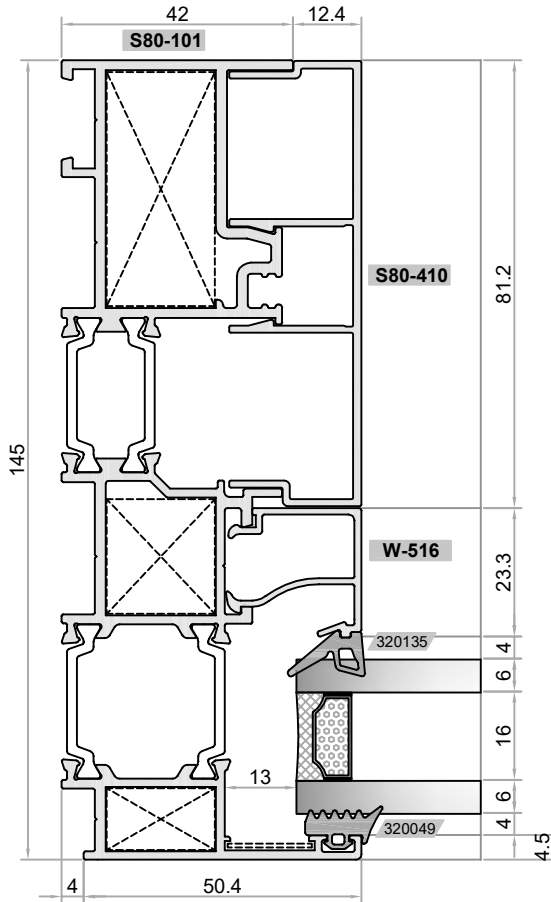
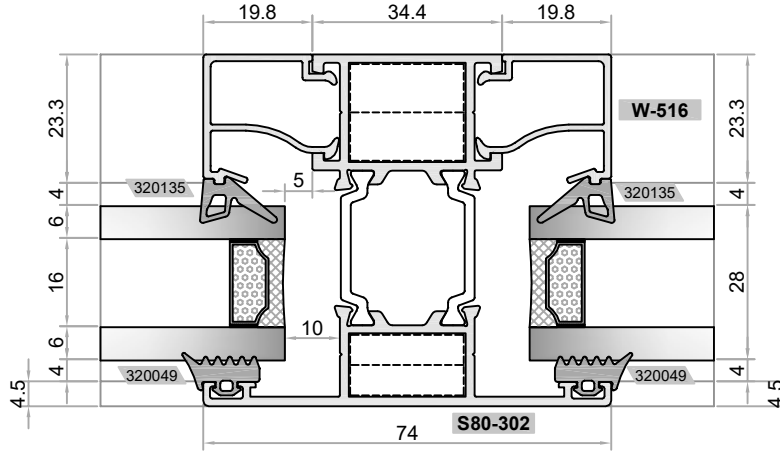
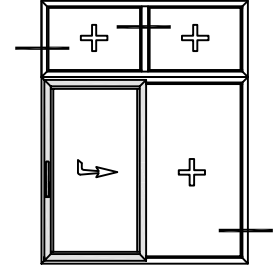
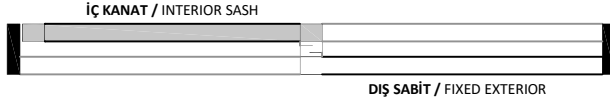
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ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



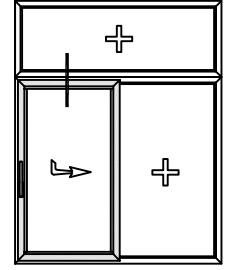
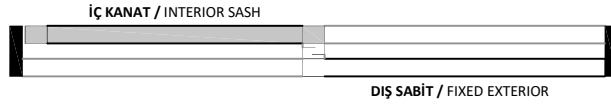




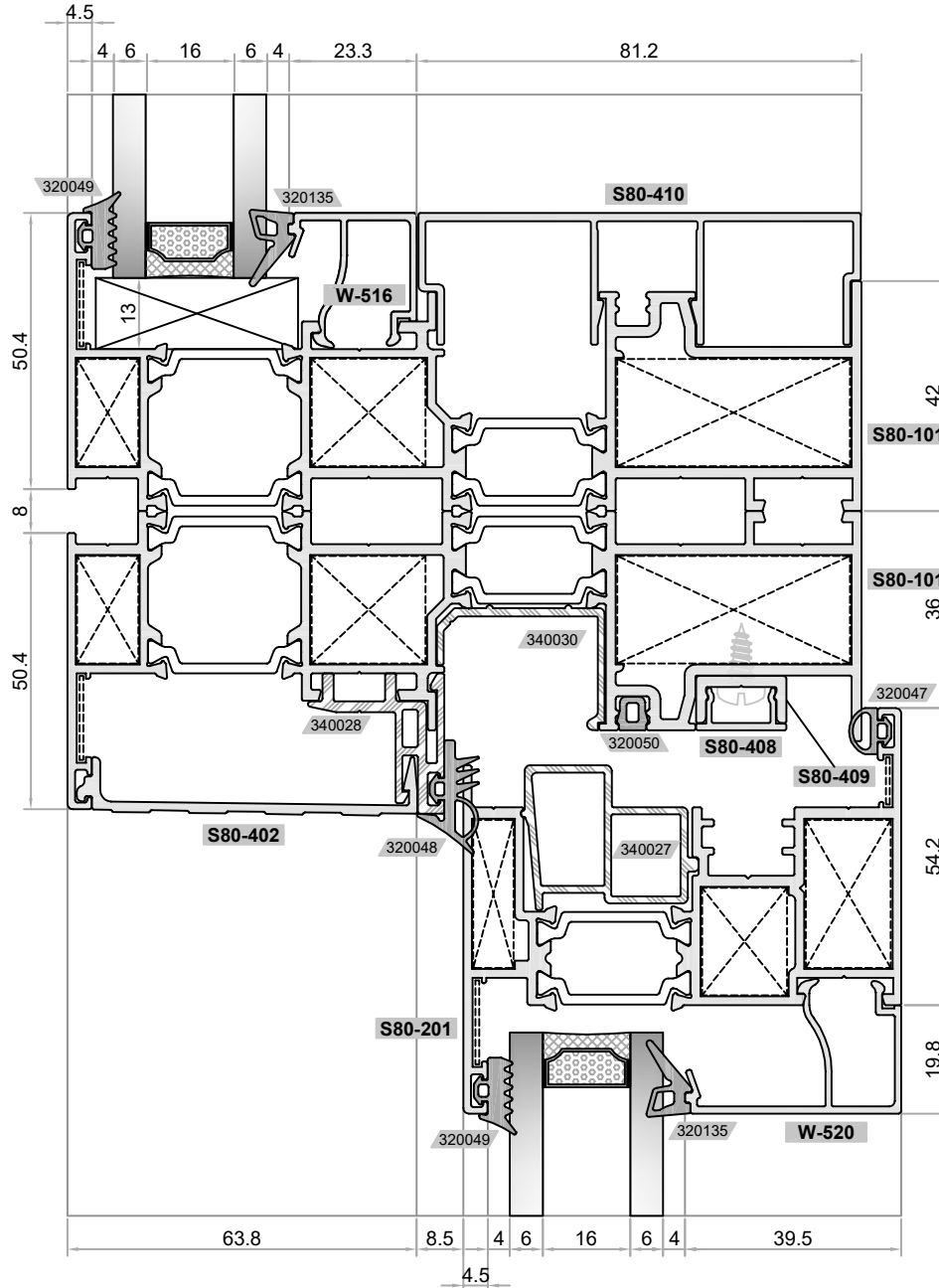
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ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



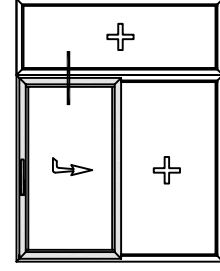
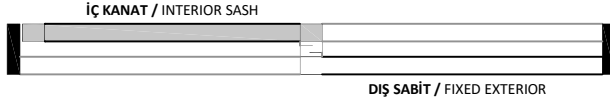
### SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



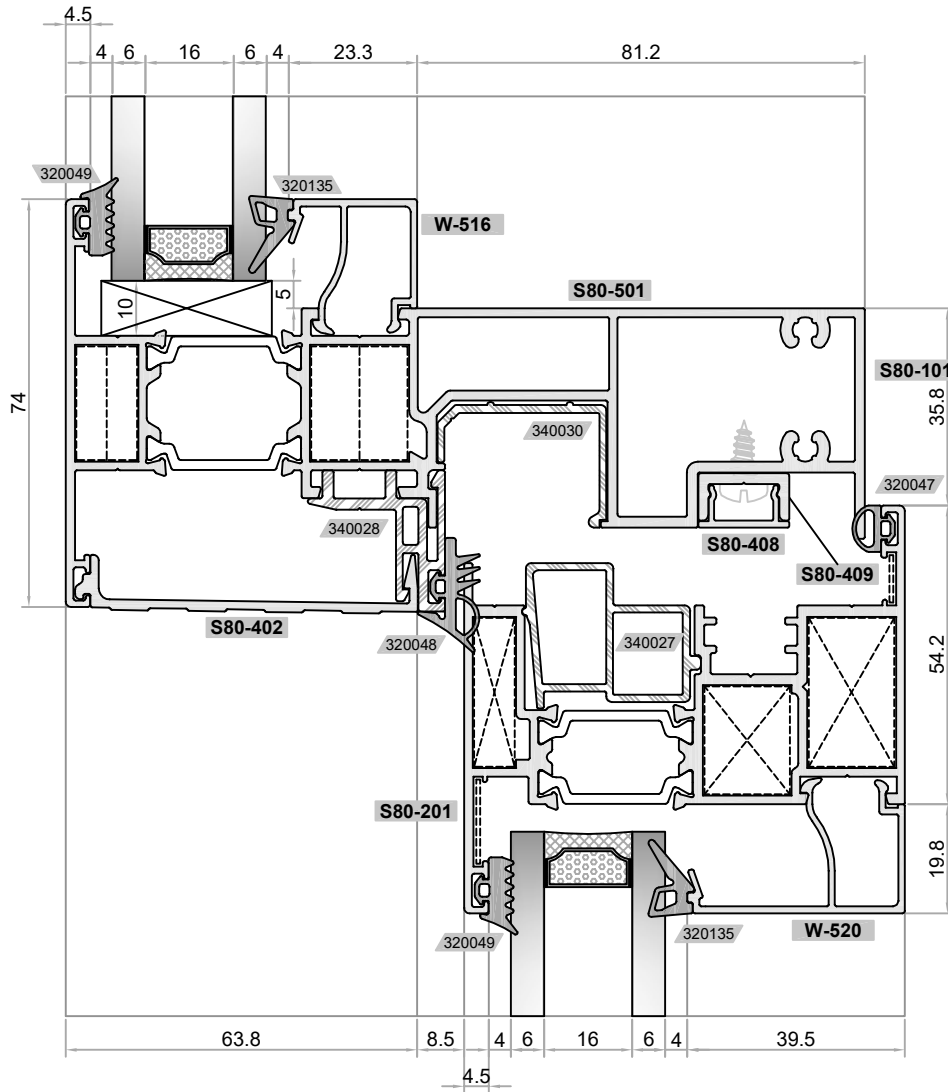
### ALTERNATİF ÜST BİRLEŞİM DETAYI - 1 ALTERNATIVE DETAIL OF TOP CONNECTION - 1



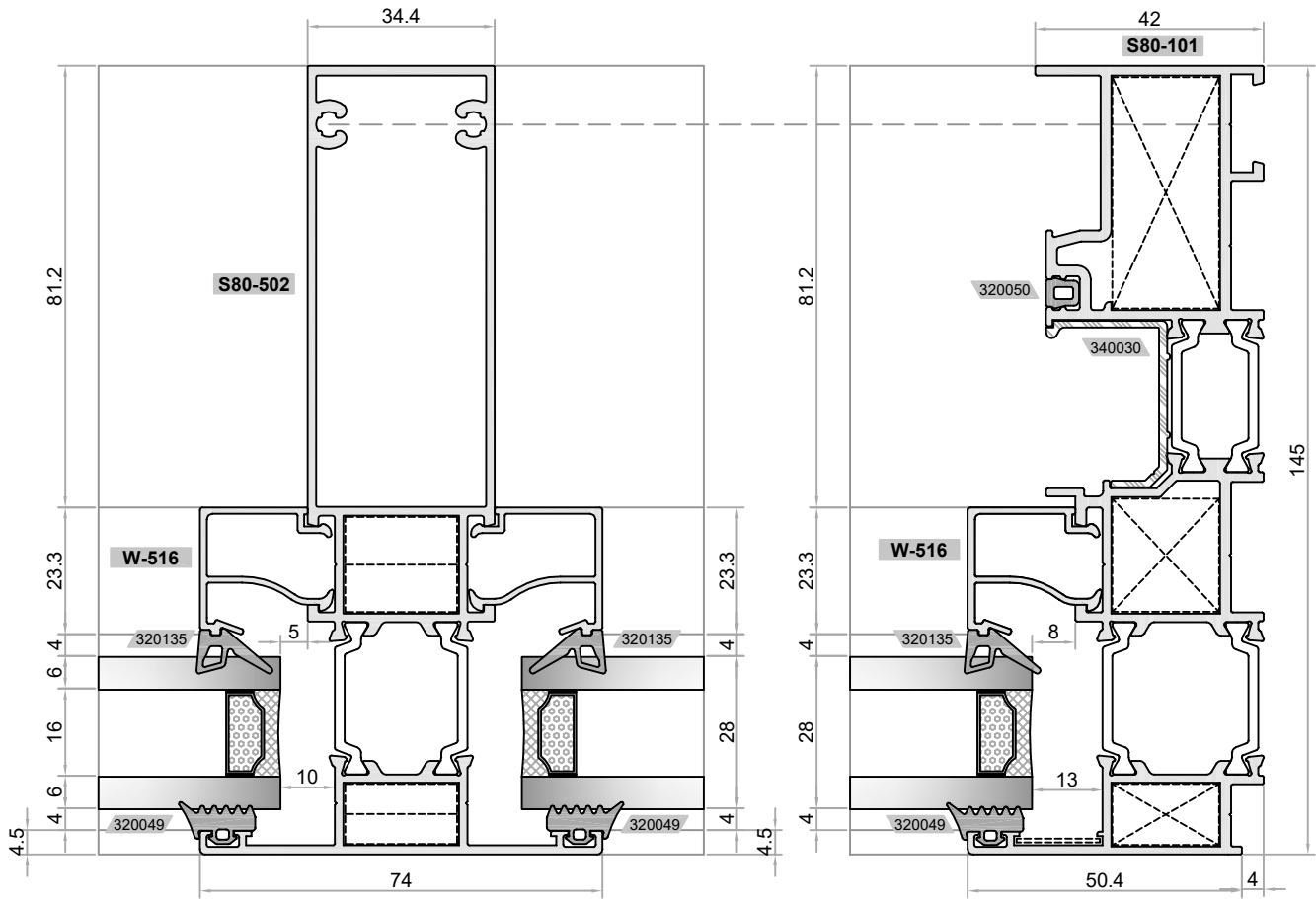
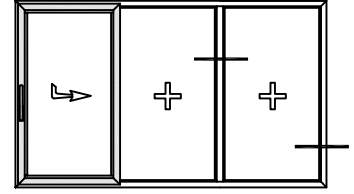
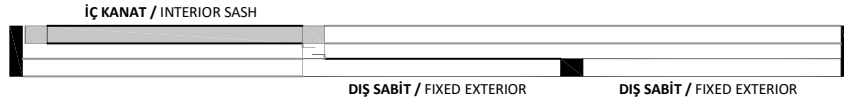
**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



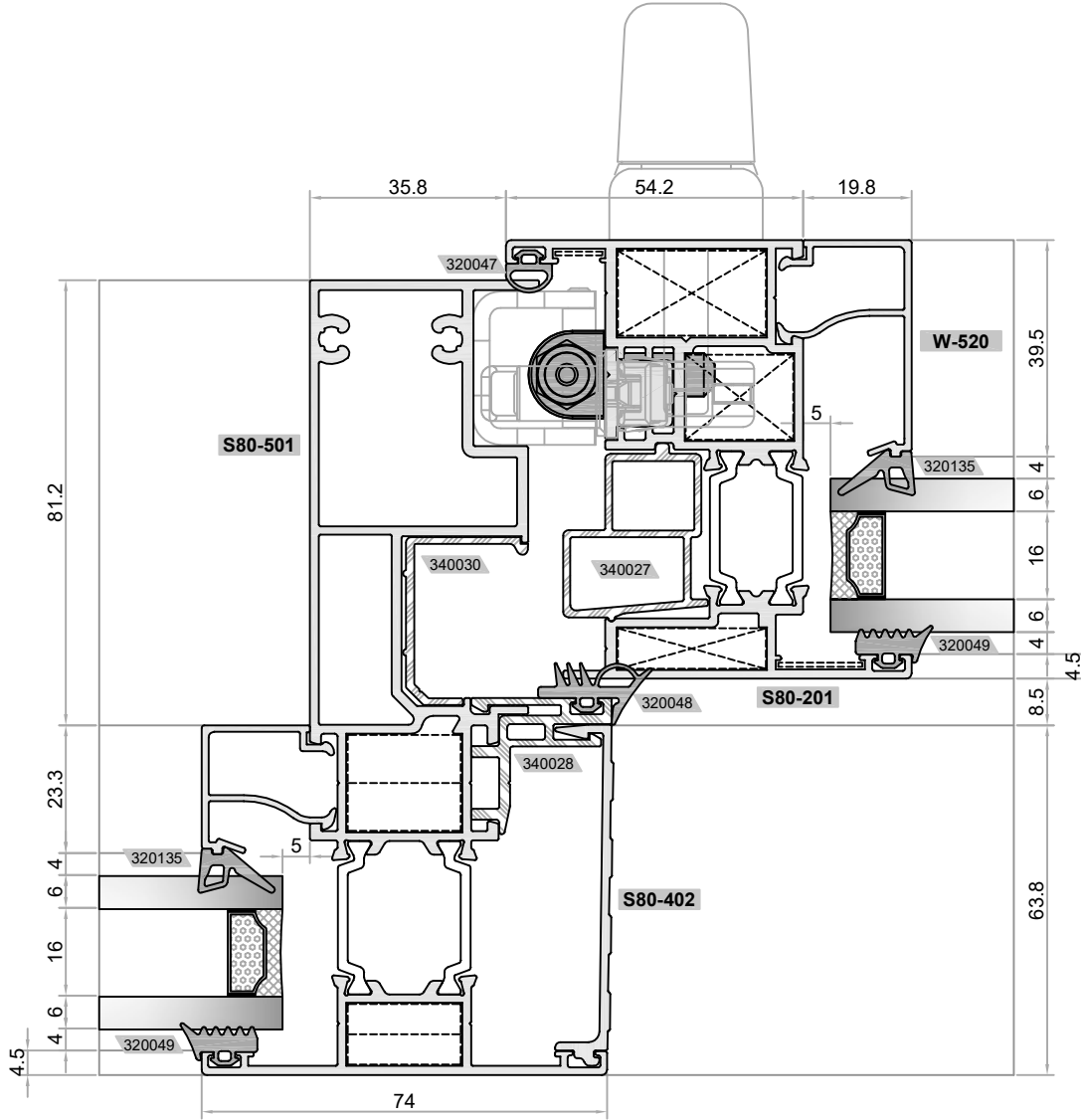
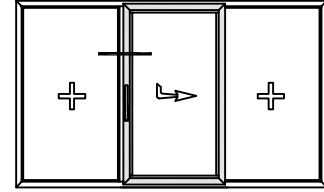
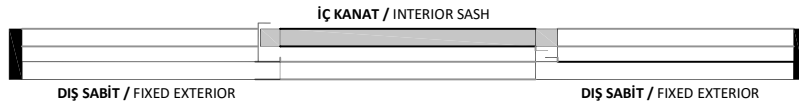
◀ **ALTERNATİF ÜST BİRLEŞİM DETAYI - 2** ▶  
ALTERNATIVE DETAIL OF TOP CONNECTION - 2



### ÇİFT SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI ONE SIDE DOUBLE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL

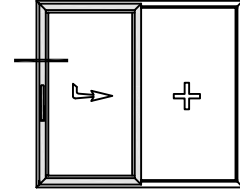
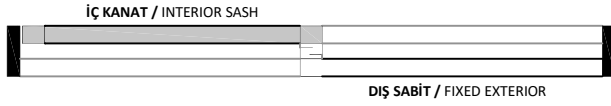


İKİ YAN SABİT ORTADA TEK KANATLI YALITIMLI SÜRME KAPI DETAYI  
TWO SIDE FIXED AT THE MIDDLE SINGLE SASH INSULATED SLIDING DOOR DETAIL

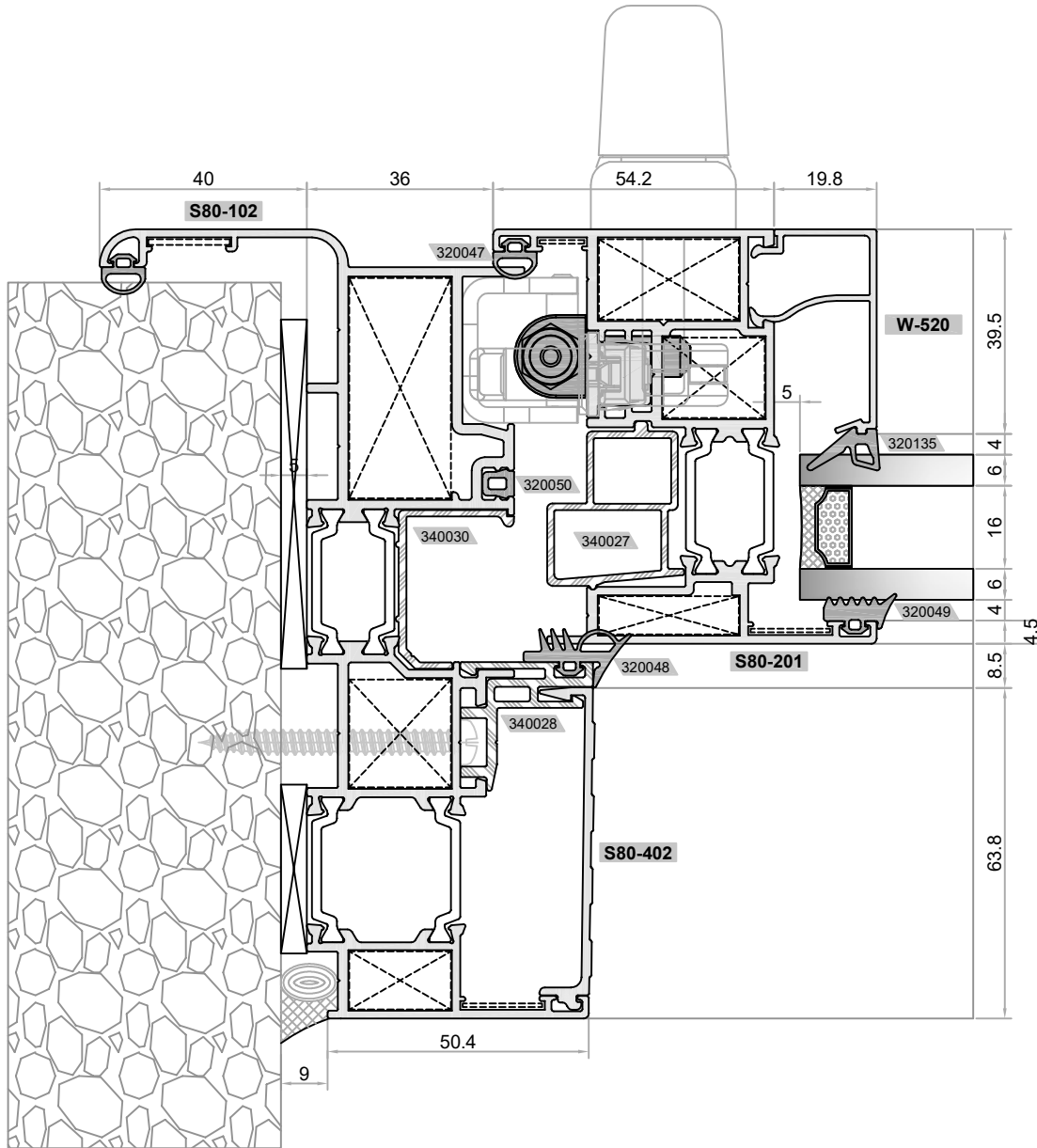




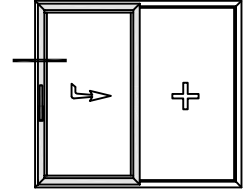
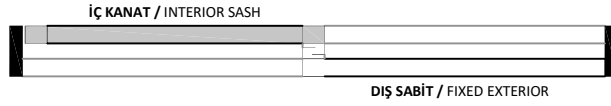
**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



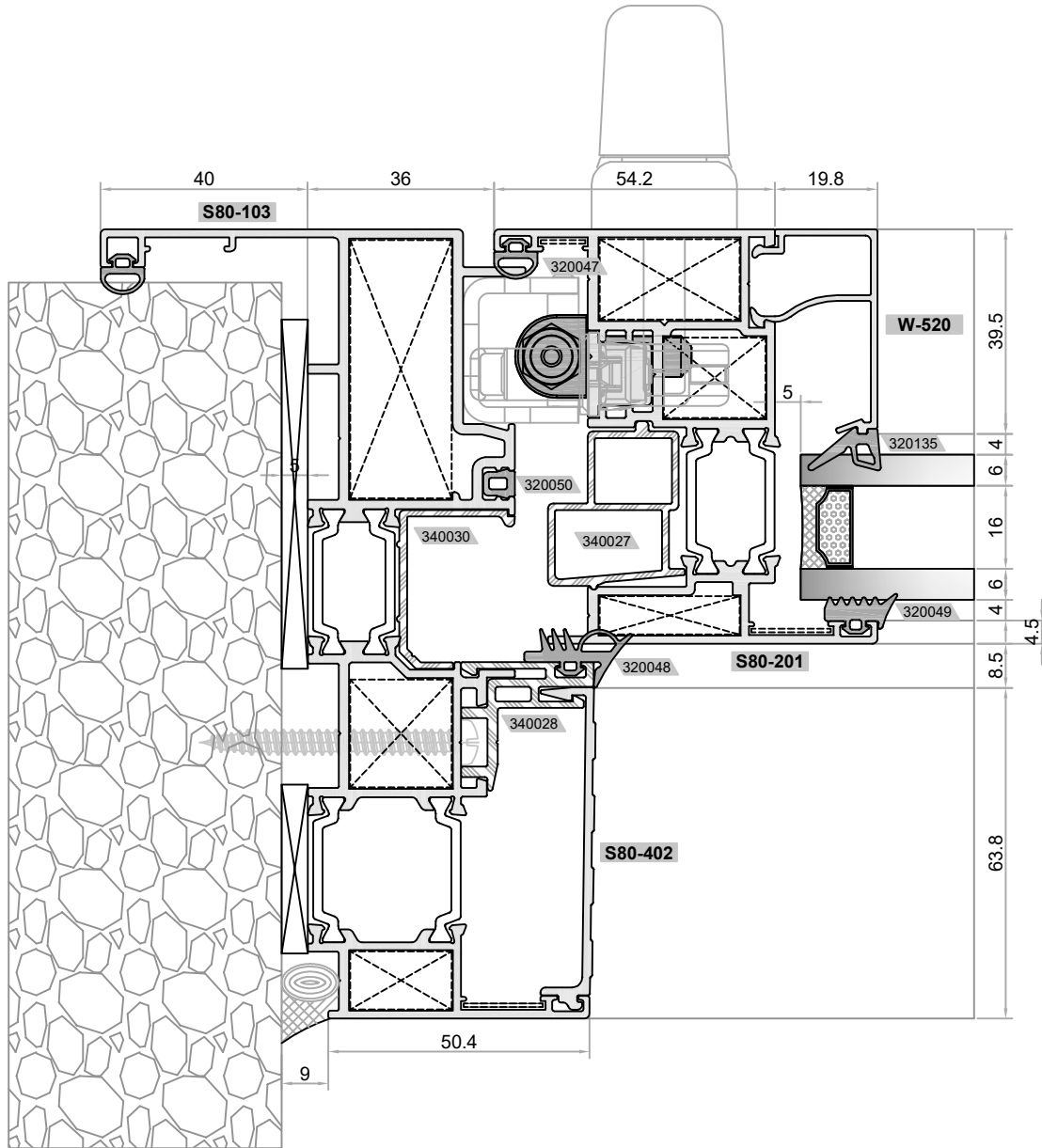
◀ **ALTERNATİF PERVAZLI KASA DETAYI - 1** ▶  
ALTERNATIVE FRAME DETAIL WITH JAMB - 1



**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL

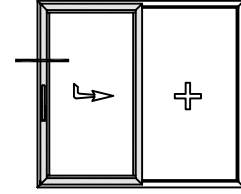
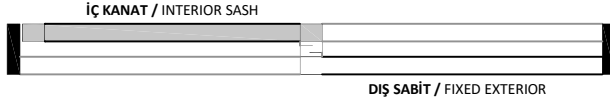


◀ **ALTERNATİF PERVAZLI KASA DETAYI - 2** ▶  
ALTERNATIVE FRAME DETAIL WITH JAMB - 2

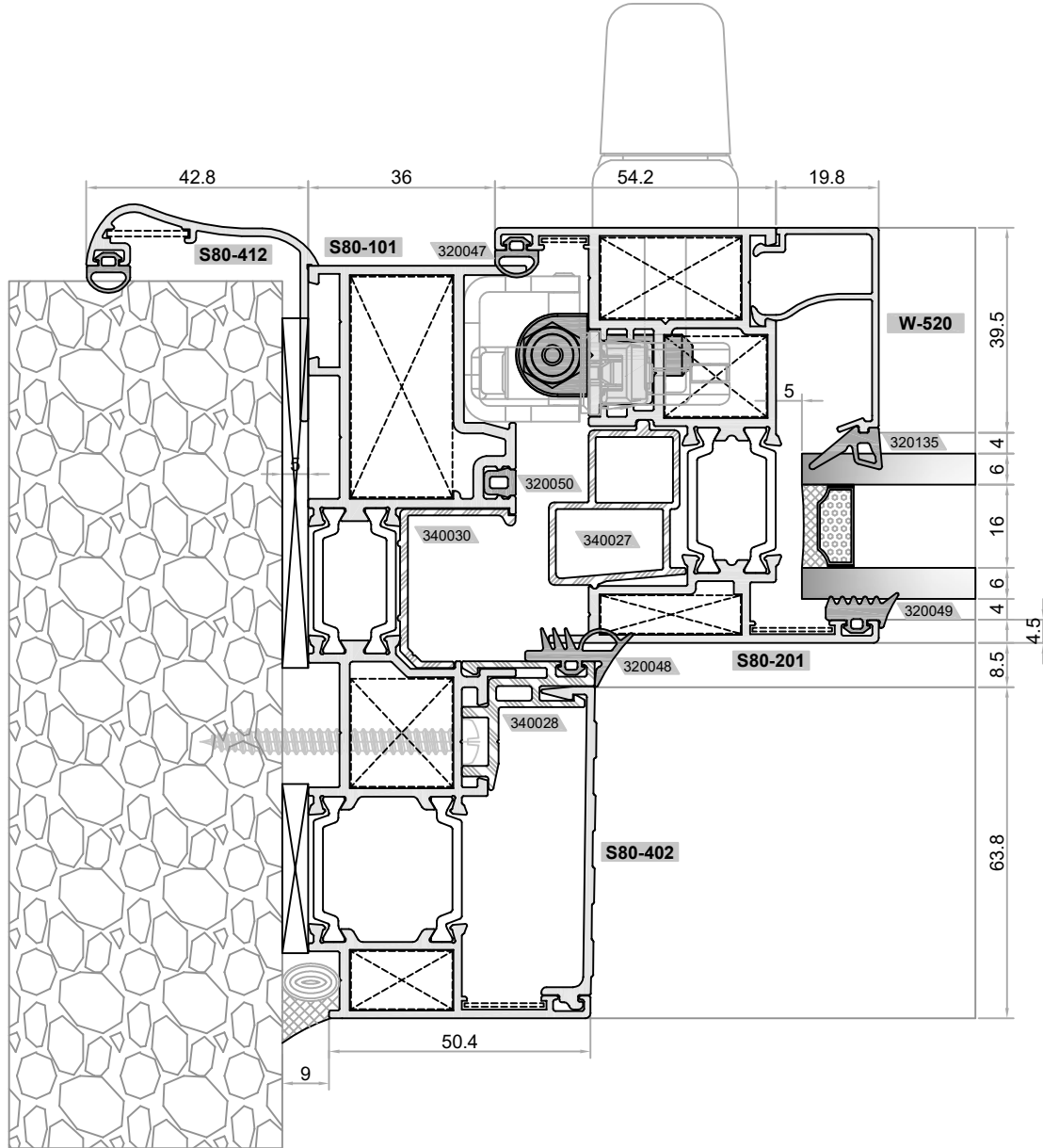




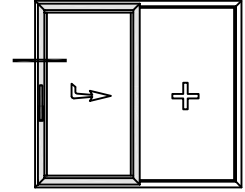
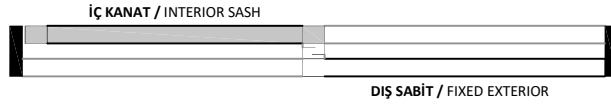
**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



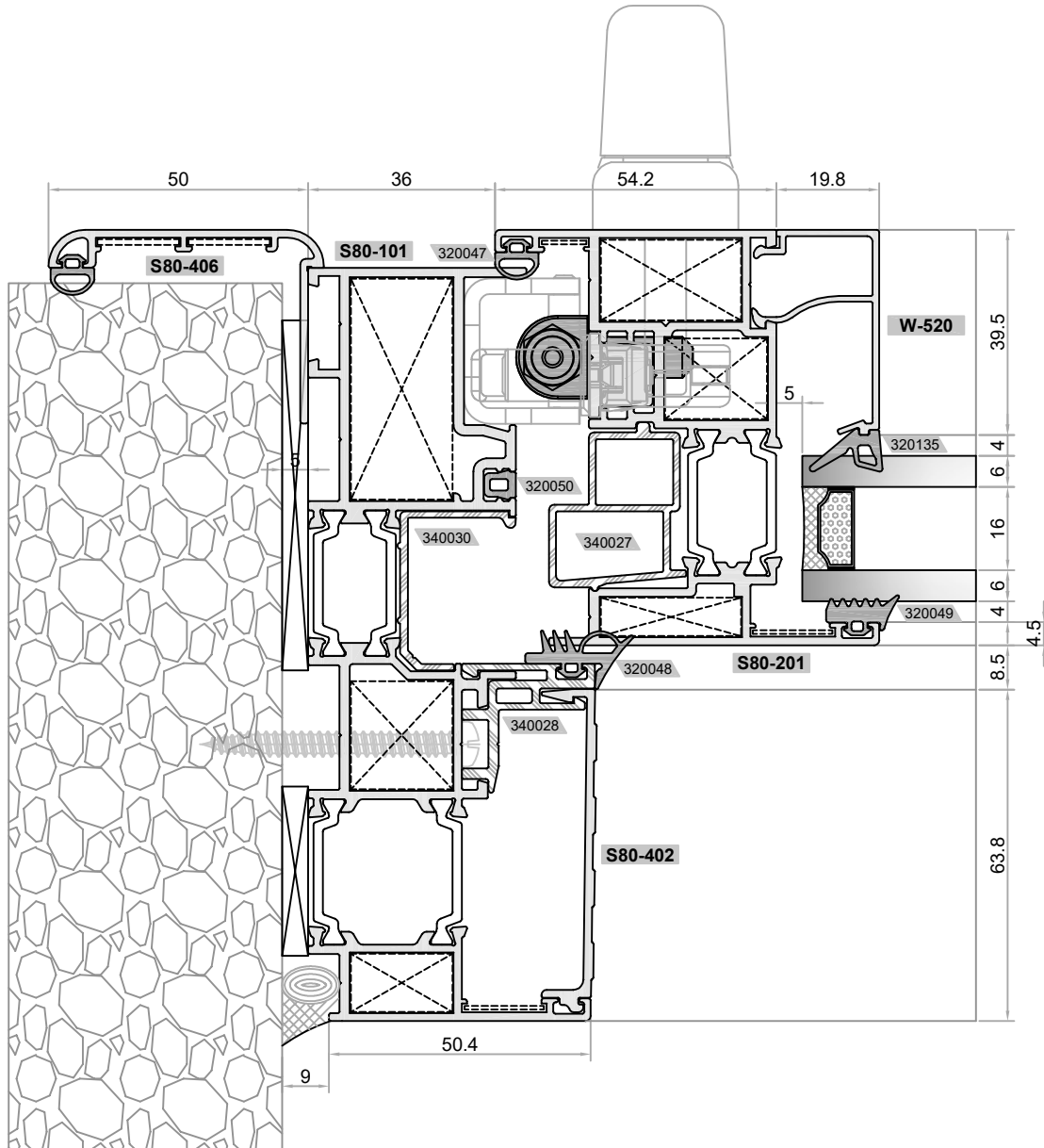
◀ **ALTERNATİF PERVAZ DETAYI - 1** ▶  
ALTERNATIVE JAMB DETAIL - 1



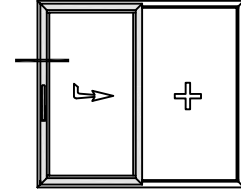
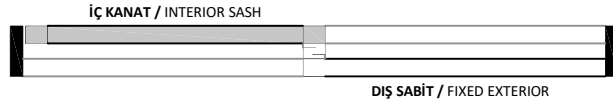
**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



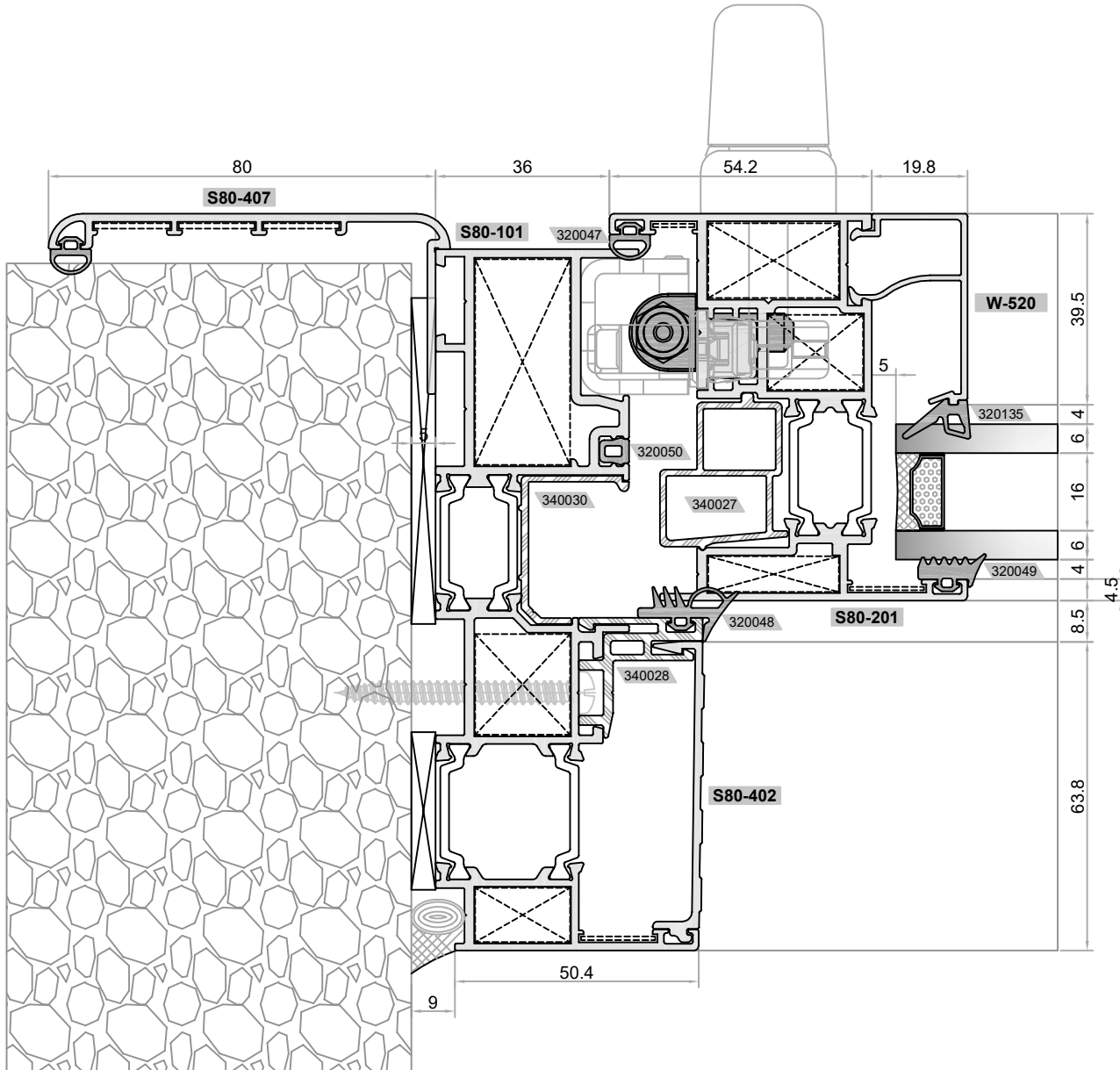
◀ **ALTERNATİF PERVAZ DETAYI - 2** ▶  
ALTERNATIVE JAMB DETAIL - 2



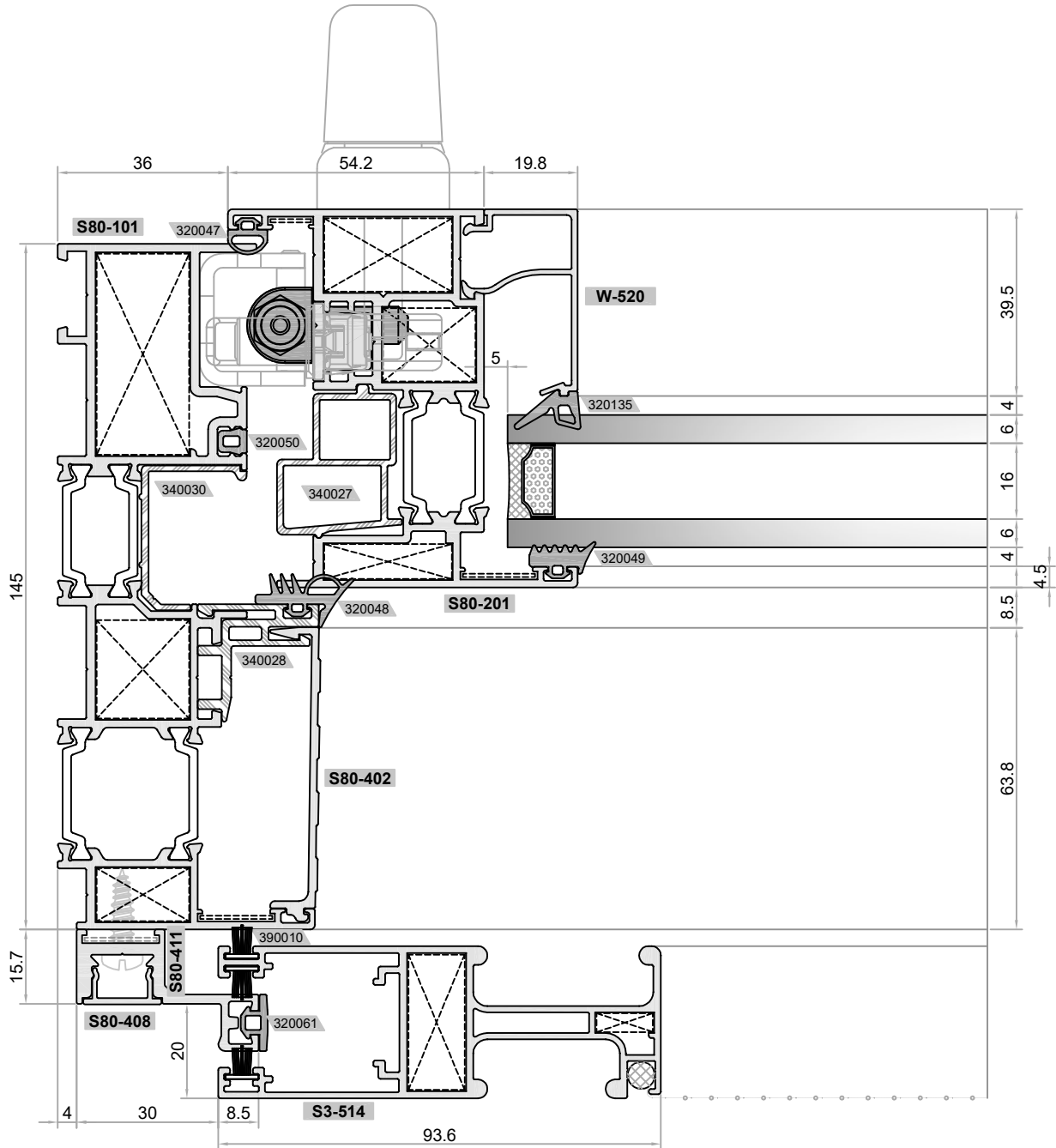
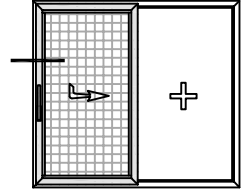
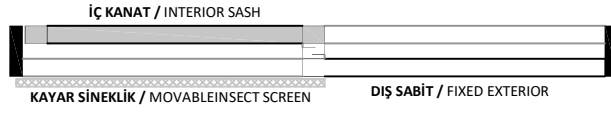
**SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI**  
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



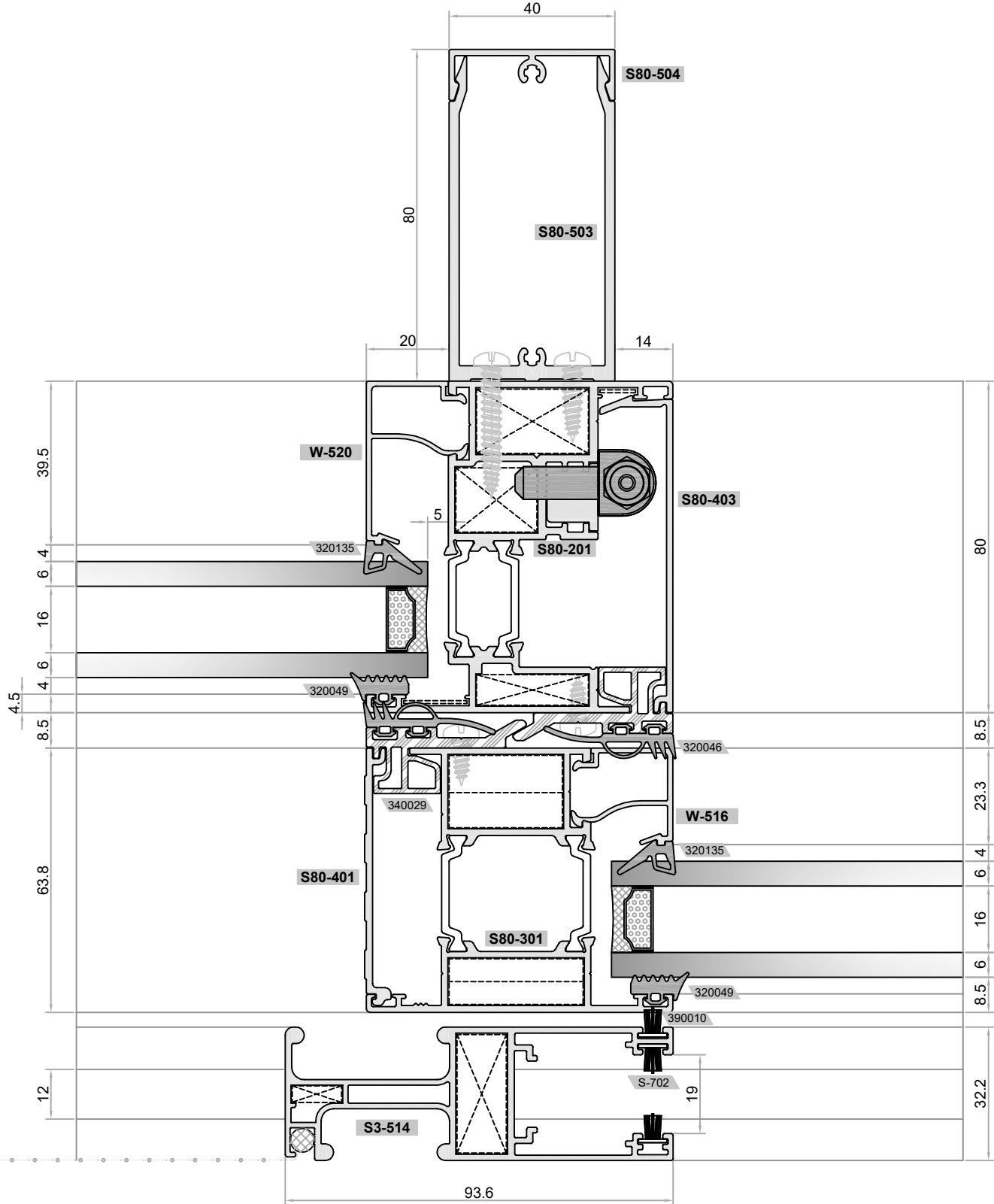
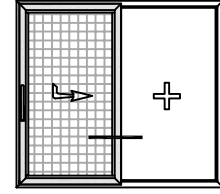
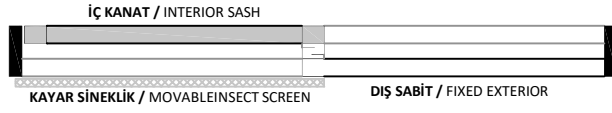
◀ **ALTERNATİF PERVAZ DETAYI - 3** ▶  
ALTERNATIVE JAMB DETAIL - 3



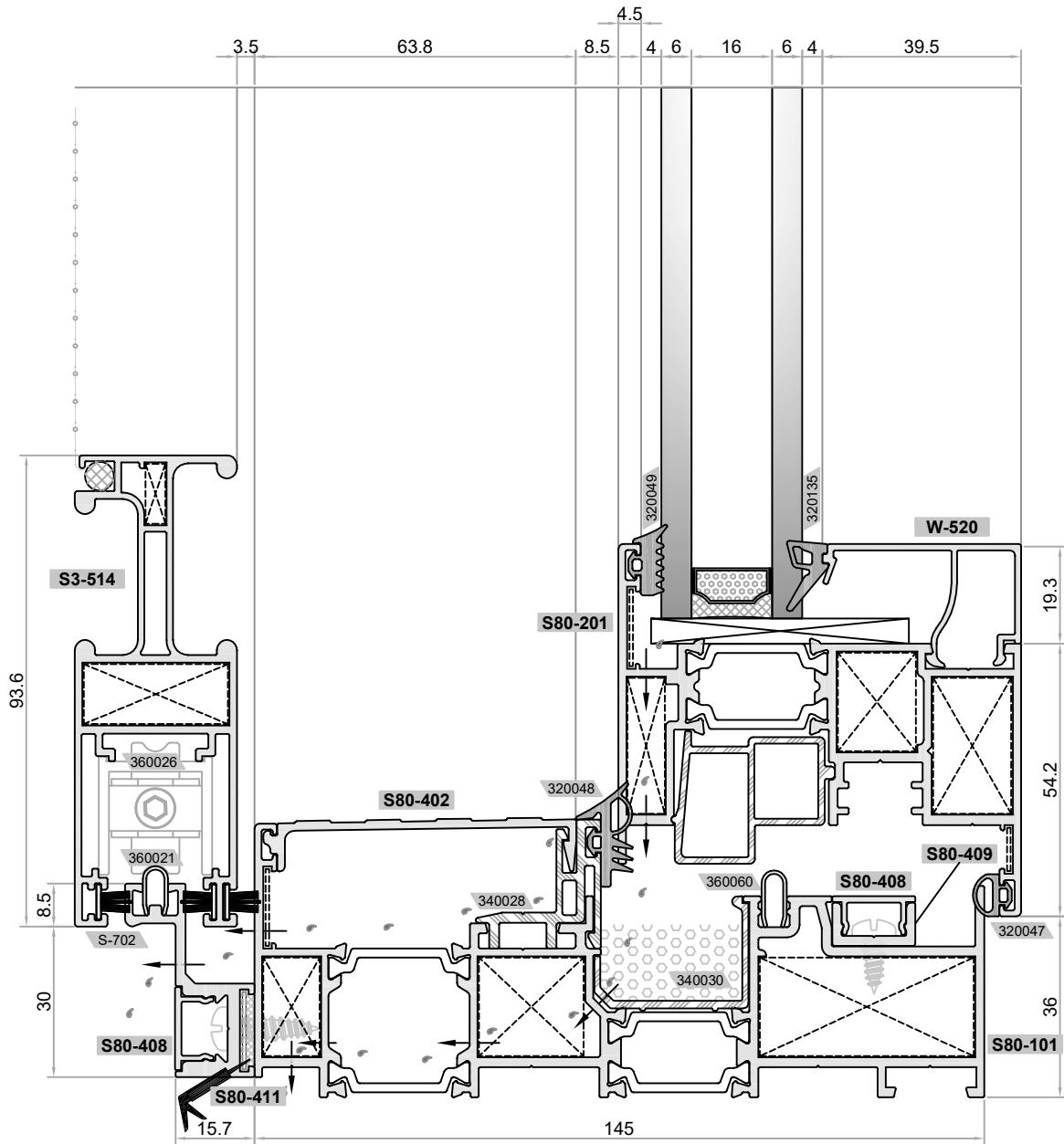
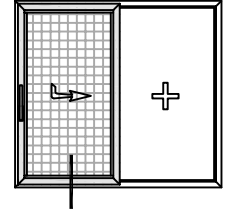
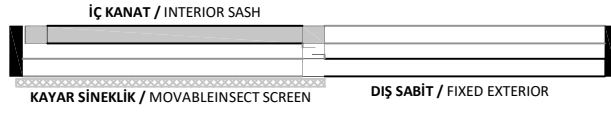
**KAYAR SİNEKLİK TEK KANATLI SÜRME KAPI DETAYI**  
SINGLE SASH SLIDING DOOR DETAIL WITH MOVABLE INSECT SCREEN



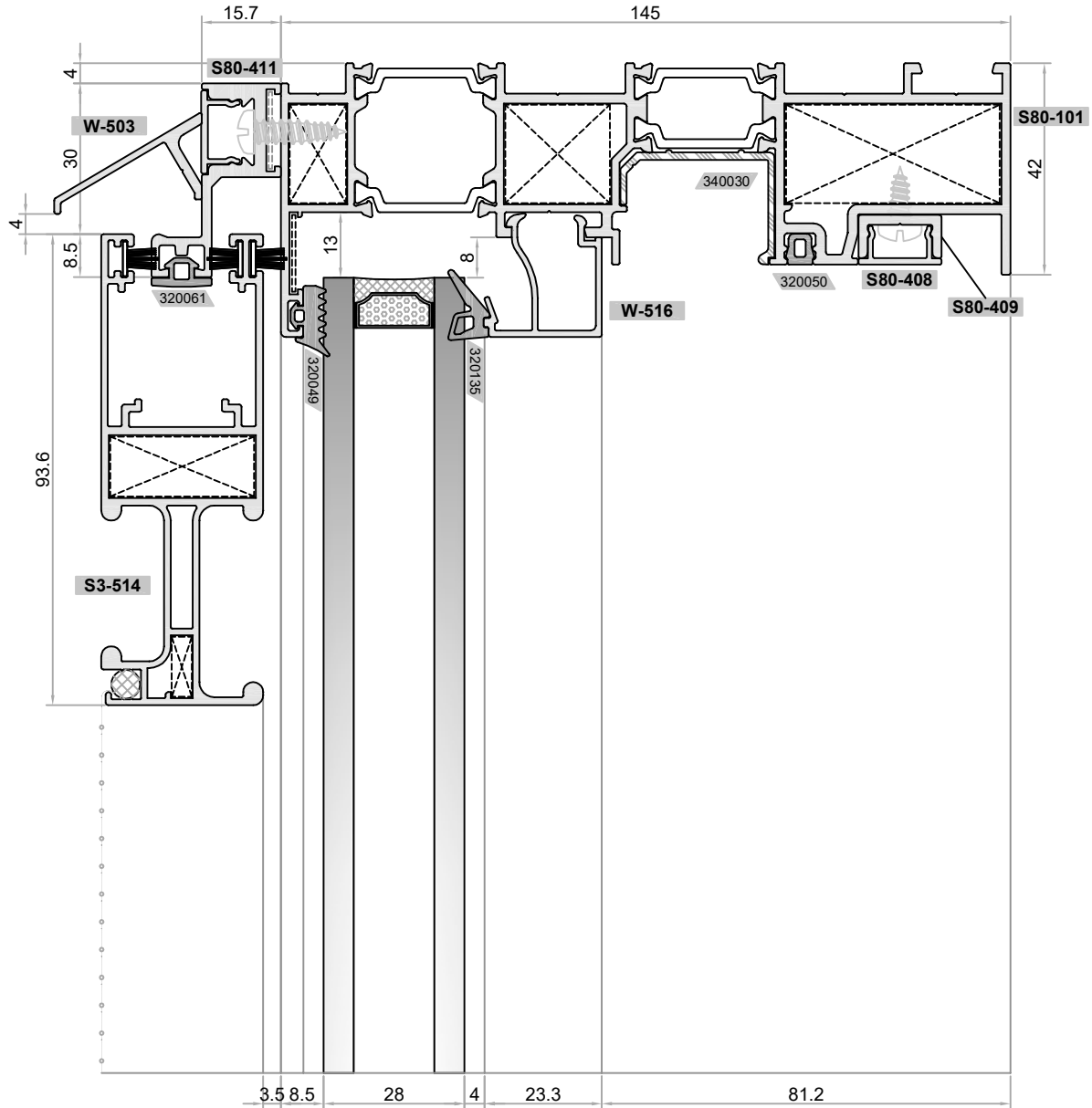
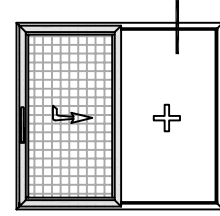
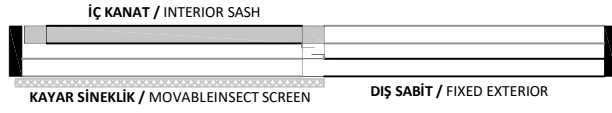
**KAYAR SİNEKLİKLİ TEK KANATLI SÜRME KAPI DETAYI**  
SINGLE SASH SLIDING DOOR DETAIL WITH MOVABLE INSECT SCREEN



### KAYAR SİNEKLİK TEK KANATLI SÜRME KAPI DETAYI SINGLE SASH SLIDING DOOR DETAIL WITH MOVABLE INSECT SCREEN



**KAYAR SİNEKLİK TEK KANATLI SÜRME KAPI DETAYI**  
SINGLE SASH SLIDING DOOR DETAIL WITH MOVABLE INSECT SCREEN

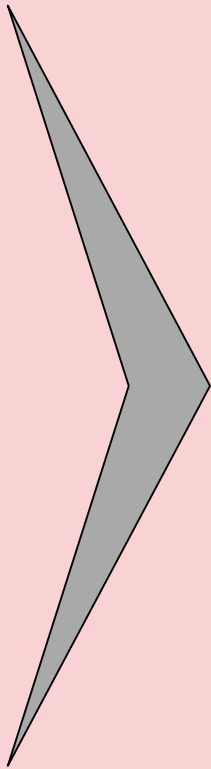






# AKSESUAR FİHRİSTİ

## ACCESSORY INDEX



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.



## AKSESUAR FİHRİSTİ / ACCESSORY INDEX

ÜRÜN KODU PRODUCT CODE	ÜRÜN ADI PRODUCT NAME	SAYFA NO PAGE NO
<b>310498</b>	KANAT HİZALAMA ALT BESLEME / SASH ALIGNER BOTTOM BRACKET	<b>55</b>
<b>320046</b>	KENET BİNI FİTİLİ 3,5 mm / CLAMP STEP GASKET 3,5 mm	<b>55</b>
<b>320047</b>	İÇ BİNI FİTİLİ 3,5 MM / INNER STEP GASKET 3,5 mm	<b>55</b>
<b>320048</b>	S80 KANAT BASKI FİTİLİ 17,8 X 11,2 mm / S80 PRESSURE GASKET FOR SASH 17,8 X 11,2 mm	<b>55</b>
<b>320049</b>	DIŞ CAM FİTİLİ 4 mm / OUTER GLAZING GASKET 4 mm	<b>55</b>
<b>320050</b>	RAY KAPAMA FİTİLİ / RAIL COVER UP GASKET	<b>56</b>
<b>320061</b>	S5 SÜRME RAY KANALI KAPAMA FİTİLİ / S5 SLİDİNG RAIL CHANNEL COVER GASKET	<b>56</b>
<b>320128</b>	KAMA İÇ CAM FİTİLİ 3,5 mm / INNER GLAZING GASKET 3,5 mm	<b>55</b>
<b>320129</b>	KAMA İÇ CAM FİTİLİ 4,5 mm / INNER GLAZING GASKET 4,5 mm	<b>55</b>
<b>320130</b>	KAMA İÇ CAM FİTİLİ 5,5 mm / INNER GLAZING GASKET 5,5 mm	<b>55</b>
<b>320131</b>	KAMA İÇ CAM FİTİLİ 6,5 mm / INNER GLAZING GASKET 6,5 mm	<b>56</b>
<b>320132</b>	KAMA İÇ CAM FİTİLİ 7,5 mm / INNER GLAZING GASKET 7,5 mm	<b>56</b>
<b>320133</b>	KAMA İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING GASKET 8,5 mm	<b>56</b>
<b>320134</b>	HEMYÜZ İÇ CAM FİTİLİ 3,5 mm / INNER GLAZING HIDDEN GASKET 3,5 mm	<b>56</b>
<b>320135</b>	HEMYÜZ İÇ CAM FİTİLİ 4,5 mm / INNER GLAZING HIDDEN GASKET 4,5 mm	<b>56</b>
<b>320136</b>	HEMYÜZ İÇ CAM FİTİLİ 5,5 mm / INNER GLAZING HIDDEN GASKET 5,5 mm	<b>56</b>
<b>320137</b>	HEMYÜZ İÇ CAM FİTİLİ 6,5 mm / INNER GLAZING HIDDEN GASKET 6,5 mm	<b>56</b>
<b>320138</b>	HEMYÜZ İÇ CAM FİTİLİ 7,5 mm / INNER GLAZING HIDDEN GASKET 7,5 mm	<b>56</b>
<b>320139</b>	HEMYÜZ İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING HIDDEN GASKET 8,5 mm	<b>58</b>
<b>340027</b>	KANAT ISI YALITIM PLASTİĞİ / THERMAL INSULATION PLASTIC FOR SASH	<b>58</b>
<b>340028</b>	KASA ISI YALITIM PLASTİĞİ / THERMAL INSULATION PLASTIC FOR FRAME	<b>58</b>
<b>340029</b>	KENET ISI YALITIM PLASTİĞİ/ THERMAL INSULATION PLASTIC FOR CLAMP	<b>58</b>
<b>340030</b>	MERKEZİ KANAL ISI YALITIM PLASTİĞİ / THERMAL INSULATION PLASTIC FOR CENTRAL CHANNEL	<b>58</b>
<b>350001</b>	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	<b>63</b>
<b>350022</b>	SABİT TAHLİYE KAPAĞI / FIXED DRAINAGE CAP	<b>57</b>
<b>350022</b>	SABİT TAHLİYE KAPAĞI / FIXED DRAINAGE CAP	<b>57</b>
<b>350045</b>	KENET TAPALARI / CLAMP PLUGS	<b>61</b>
<b>350057</b>	HAVA KESİCİLİ TAHLİYE KAPAĞI / DRAINAGE CAP WITH AIR PREVENTER FLAP	<b>59</b>

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ÜRÜN KODU PRODUCT CODE	ÜRÜN ADI PRODUCT NAME	SAYFA NO PAGE NO
<b>360021</b>	SİNEKLİK İÇİN ÇELİK RAY 9,8X5 / STEEL RAIL FOR INSECT SCREEN 9,8X5	<b>57</b>
<b>360060</b>	ÇELİK RAY 11,3X5 / STEEL RAIL 11,3X5	<b>57</b>
<b>360082</b>	ÇEKTİRME KARŞILIĞI SOL / PULLER STRIKER LEFT	<b>59</b>
<b>360083</b>	ÇEKTİRME KARŞILIĞI SAĞ / PULLER STRIKER RIGHT	<b>59</b>
<b>360084</b>	KANAT HİZALAYICI / SASH ALIGNER	<b>59</b>
<b>360085</b>	HİZALAYICI KARŞILIĞI / ALIGNER STRIKER	<b>59</b>
<b>360086</b>	DÜŞEY PİM KARŞILIĞI / VERTICAL PIN STRIKER	<b>59</b>
<b>360086</b>	DÜŞEY PİM KARŞILIĞI / SLIDE VERTICAL PIN STRIKER	<b>59</b>
<b>360087</b>	ALT&ÜST KARŞILIK / TOP&BOTTOM STRIKER	<b>59</b>
<b>370225</b>	İLAVE UZATMA / ADDITIONAL EXTENSION	<b>61</b>
<b>370349</b>	RULMAN / CARRIER	<b>61</b>
<b>370350</b>	S80 SÜRME SOL İSPANYOLET GR01 (K:500) / S80 SLIDING LEFT ESPAGNOLETTE GR01 (K:500)	<b>60</b>
<b>370351</b>	S80 SÜRME SAĞ İSPANYOLET GR01 (K:500) / S80 SLIDING RIGHT ESPAGNOLETTE GR01 (K:500)	<b>60</b>
<b>370352</b>	S80 SÜRME SOL İSPANYOLET GR02 (K:1000) / S80 SLIDING LEFT ESPAGNOLETTE GR02 (K:1000)	<b>60</b>
<b>370353</b>	S80 SÜRME SAĞ İSPANYOLET GR02 (K:1000) / S80 SLIDING RIGHT ESPAGNOLETTE GR02 (K:1000)	<b>60</b>
<b>370354</b>	S80 SÜRME SOL İSPANYOLET KÜÇÜK UZATMA GR03 / S80 SLIDING LEFT ESPAGNOLETTE SMALL EXTENSION GR03	<b>60</b>
<b>370355</b>	S80 SÜRME SAĞ İSPANYOLET KÜÇÜK UZATMA GR03 / S80 SLIDING RIGHT ESPAGNOLETTE SMALL EXTENSION GR03	<b>60</b>
<b>370356</b>	S80 SÜRME SOL İSPANYOLET BÜYÜK UZATMA GR04 / S80 SLIDING LEFT ESPAGNOLETTE LARGE EXTENSION GR04	<b>60</b>
<b>370357</b>	S80 SÜRME SAĞ İSPANYOLET BÜYÜK UZATMA GR04 / S80 SLIDING RIGHT ESPAGNOLETTE LARGE EXTENSION GR04	<b>60</b>
<b>370358</b>	HAVUZ KOL / RECESSED HOLDER	<b>60</b>
<b>370359</b>	KARE MİLLİ KOL / HANDLE WITH SQUARE ROD	<b>60</b>
<b>390010</b>	PERDELİ FIRÇA FİTİL / WEATHER STRIP BRUSH	<b>57</b>
<b>390080</b>	ŞİŞEN BANT (10 mm X 10 mm-17 mm) / POLYURETHANE FOAM TAPE	<b>69</b>
<b>460026</b>	SÜRME AYARLI RULMAN / ADJUSTABLE SLIDING CARRIER	<b>57</b>
<b>490044</b>	POLİETİLEN BANT (50 mm X 2 mm) / POLYETHYLENE TAPE	<b>69</b>
<b>490045</b>	POLİETİLEN BANT (60 mm X 2 mm) / POLYETHYLENE TAPE	<b>69</b>
<b>490046</b>	POLİETİLEN BANT (70 mm X 2 mm) / POLYETHYLENE TAPE	<b>69</b>
<b>490047</b>	POLİETİLEN BANT (80 mm X 2 mm) / POLYETHYLENE TAPE	<b>69</b>

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ÜRÜN KODU PRODUCT CODE	ÜRÜN ADI PRODUCT NAME	SAYFA NO PAGE NO
490048	POLİETİLEN BANT (90 mm X 2 mm) / POLYETHYLENE TAPE	69
490049	POLİETİLEN BANT (100 mm X 2 mm) / POLYETHYLENE TAPE	69
490050	TEK TARAFLI BANT (10 mm X 1,5 mm) / SINGLE-SIDE STICK TAPE	69
490051	TEK TARAFLI BANT (15 mm X 1,5 mm) / SINGLE-SIDE STICK TAPE	69
490052	TEK TARAFLI BANT (20 mm X 1,5 mm) / SINGLE-SIDE STICK TAPE	69
490053	TEK TARAFLI BANT (25 mm X 1,5 mm) / SINGLE-SIDE STICK TAPE	69
490054	TEK TARAFLI BANT (30 mm X 1,5 mm) / SINGLE-SIDE STICK TAPE	69
490055	TEK TARAFLI BANT (40 mm X 1,5 mm) / SINGLE-SIDE STICK TAPE	69
490056	TEK TARAFLI BANT (10 mm X 3 mm) / SINGLE-SIDE STICK TAPE	69
490057	TEK TARAFLI BANT (15 mm X 3 mm) / SINGLE-SIDE STICK TAPE	69
490058	TEK TARAFLI BANT (20 mm X 3 mm) / SINGLE-SIDE STICK TAPE	69
490059	TEK TARAFLI BANT (25 mm X 3 mm) / SINGLE-SIDE STICK TAPE	69
490060	TEK TARAFLI BANT (40 mm X 3 mm) / SINGLE-SIDE STICK TAPE	69
490061	BUTİL BANT (40 mm X 1 mm) / BUTIL TAPE	69
490062	BUTİL BANT (45 mm X 1 mm) / BUTIL TAPE	69
490063	BUTİL BANT (50 mm X 1 mm) / BUTIL TAPE	69
490064	BUTİL BANT (55 mm X 1 mm) / BUTIL TAPE	69
490065	BUTİL BANT (60 mm X 1 mm) / BUTIL TAPE	69
490066	BUTİL BANT (65 mm X 1 mm) / BUTIL TAPE	69
490067	BUTİL BANT (70 mm X 1 mm) / BUTIL TAPE	69
490068	BUTİL BANT (75 mm X 1 mm) / BUTIL TAPE	69
490069	BUTİL BANT (80 mm X 1 mm) / BUTIL TAPE	69
490070	BUTİL BANT (85 mm X 1 mm) / BUTIL TAPE	69
490071	BUTİL BANT (90 mm X 1 mm) / BUTIL TAPE	69
490072	BUTİL BANT (95 mm X 1 mm) / BUTIL TAPE	69
490073	BUTİL BANT (100 mm X 1 mm) / BUTIL TAPE	69
490074	BUTİL BANT (150 mm X 1 mm) / BUTIL TAPE	69



# AKSESUARLAR ACCESSORIES


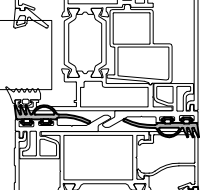

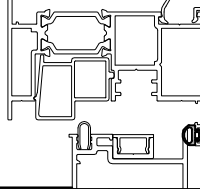
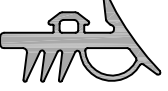
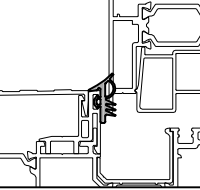

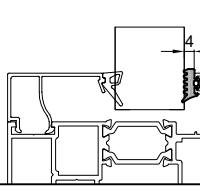

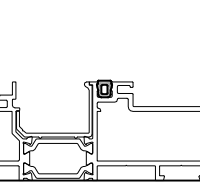

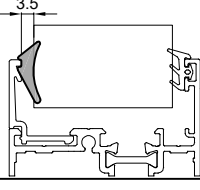

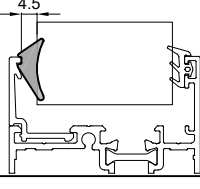

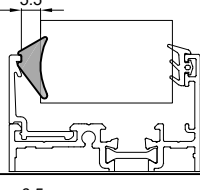

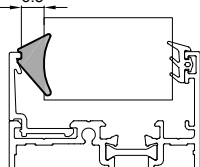
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2. EPDM FİTİLLER / EPDM GASKETS
3. YARDIMCI AKSESUARLAR / ASSOCIATED ACCESSORIES
4. PLASTİK AKSESUARLAR / PLASTIC ACCESSORIES
5. AÇILIM AKSESUARLARI / OPENING ACCESSORIES
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OPENING ACCESSORIES SELECTION TABLE
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TRANSOM & CLAMP CONNECTION DETAILS
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10. YALITIM MALZEMELERİ /  
INSULATION MATERIALS

► SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.  
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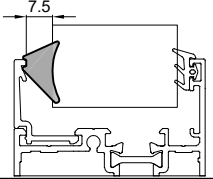

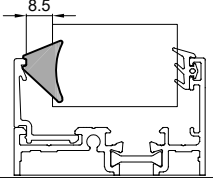

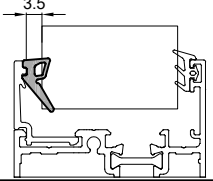

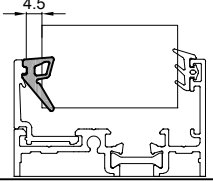

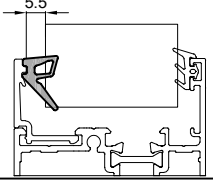

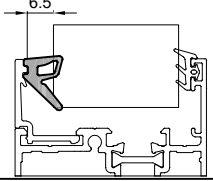

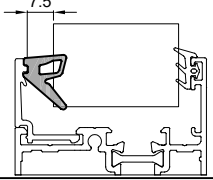

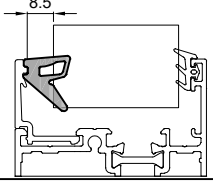

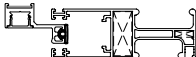




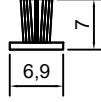
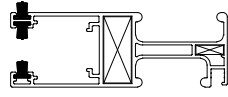
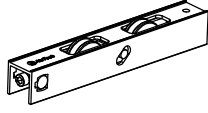
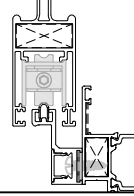
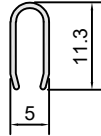
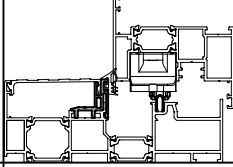
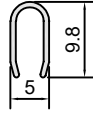
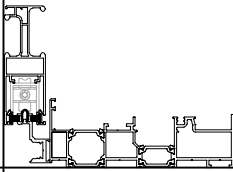
## EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
<b>320046</b> KENET BİNİ FİTİLİ 3,5 mm / CLAMP STEP GASKET 3,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 109 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 137 m		
<b>320047</b> İÇ BİNİ FİTİLİ 3,5 mm / INNER STEP GASKET 3,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 33 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 451 m		
<b>320048</b> S80 KANAT BASKI FİTİLİ 17,8 X 11,2 mm / S80 PRESSURE GASKET FOR SASH 17,8 X 11,2 mm BİRİM AĞIRLIK / UNIT WEIGHT: 98 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 153 m		
<b>320049</b> DIŞ CAM FİTİLİ 4 mm / OUTER GLAZING GASKET 4 mm BİRİM AĞIRLIK / UNIT WEIGHT: 73 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 206 m		
<b>320050</b> RAY KAPATMA FİTİLİ / RAIL COVER UP GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 28 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 527 m		
<b>320128</b> KAMA İÇ CAM FİTİLİ 3,5 mm / INNER GLAZING GASKET 3,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 70,5 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 213 m		
<b>320129</b> KAMA İÇ CAM FİTİLİ 4,5 mm / INNER GLAZING GASKET 4,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 84,2 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 178 m		
<b>320130</b> KAMA İÇ CAM FİTİLİ 5,5 mm / INNER GLAZING GASKET 5,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 98 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 153 m		
<b>320131</b> KAMA İÇ CAM FİTİLİ 6,5 mm / INNER GLAZING GASKET 6,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 111,4 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 135 m		

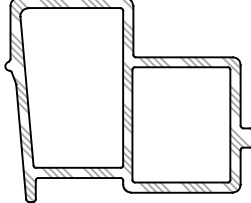
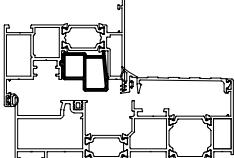
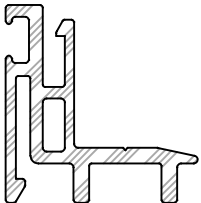
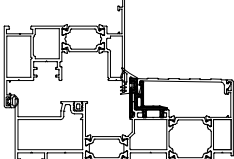
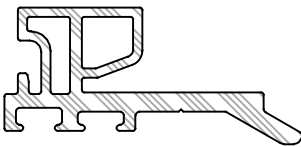
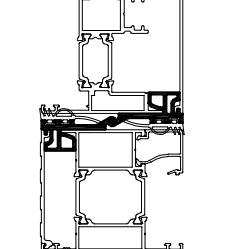

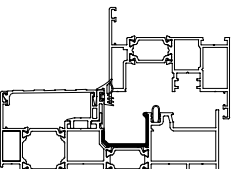
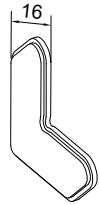
**EPDM FİTİLLER / EPDM GASKETS**

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
<p><b>320132</b> KAMA İÇ CAM FİTİLİ 7,5 mm / INNER GLAZING GASKET 7,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 125,1 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 120 m</p>		
<p><b>320133</b> KAMA İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING GASKET 8,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 138,7 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 108 m</p>		
<p><b>320134</b> HEMYÜZ İÇ CAM FİTİLİ 3,5 mm / INNER GLAZING HIDDEN GASKET 3,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 56,5 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 265 m</p>		
<p><b>320135</b> HEMYÜZ İÇ CAM FİTİLİ 4,5 mm / INNER GLAZING HIDDEN GASKET 4,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 60,6 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 247 m</p>		
<p><b>320136</b> HEMYÜZ İÇ CAM FİTİLİ 5,5 mm / INNER GLAZING HIDDEN GASKET 5,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 64,4 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 233 m</p>		
<p><b>320137</b> HEMYÜZ İÇ CAM FİTİLİ 6,5 mm / INNER GLAZING HIDDEN GASKET 6,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 77,5 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 194 m</p>		
<p><b>320138</b> HEMYÜZ İÇ CAM FİTİLİ 7,5 mm / INNER GLAZING HIDDEN GASKET 7,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 87,6 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 171 m</p>		
<p><b>320139</b> HEMYÜZ İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING HIDDEN GASKET 8,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 99,8 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 150 m</p>		
<p><b>320061</b> S5 SÜRME RAY KANALI KAPAMA FİTİLİ / S5 SLIDING RAIL CHANNEL COVER GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 40 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 371 m</p>		

## YARDIMCI AKSESUARLAR / ASSOCIATED ACCESSORIES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
<b>390010</b> PERDELİ FIRÇA FİTİL / WEATHER STRIP BRUSH		
<b>460026 (360026)</b> SÜRME AYARLI RULMAN / ADJUSTABLE SLIDING CARRIER		
<b>360060</b> ÇELİK RAY / STEEL RAIL		
<b>360021</b> SİNEKLİK İÇİN ÇELİK RAY / STEEL RAIL FOR INSECT SCREEN		

PLASTİK AKSESUARLAR / PLASTIC ACCESSORIES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
<p><b>340027</b> KANAT ISI YALITIM PLASTİĞİ / THERMAL INSULATION PLASTIC FOR SASH</p>		
<p><b>340028</b> KASA ISI YALITIM PLASTİĞİ / THERMAL INSULATION PLASTIC FOR FRAME</p>		
<p><b>340029</b> KENET ISI YALITIM PLASTİĞİ / THERMAL INSULATION PLASTIC FOR CLAMP</p>		
<p><b>340030</b> MERKEZİ KANAL ISI YALITIM PLASTİĞİ / THERMAL INSULATION PLASTIC FOR CENTRAL CHANNEL</p>		
<p><b>350001</b> KÖŞE ÇAVUŞU / CORNER ALIGNMENT MALZEME / MATERIAL : POLYAMİD</p>		<p><b>16 x 1,5</b></p>

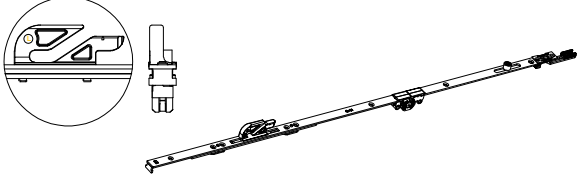
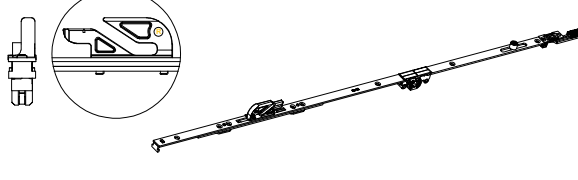
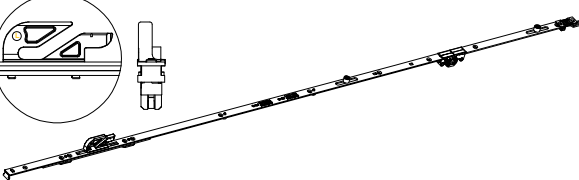
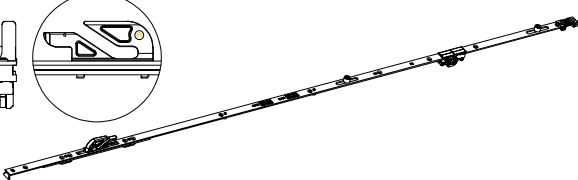
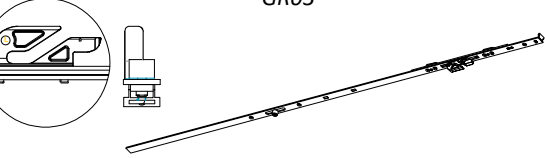
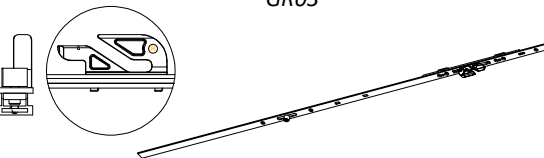
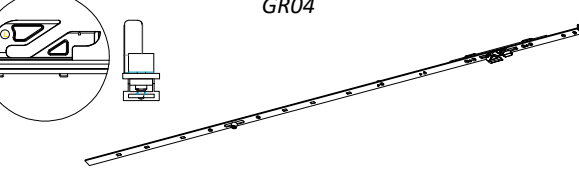
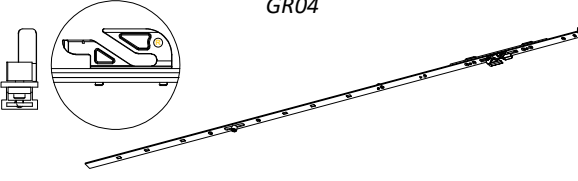


## AÇILIM AKSESUARLARI / OPENING ACCESSORIES

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
<b>360082 (460082)</b> ÇEKTİRME KARŞILIĞI SOL / PULLER STRIKER LEFT 	<b>360083 (460083)</b> ÇEKTİRME KARŞILIĞI SAĞ / PULLER STRIKER RIGHT 
<b>370349 (470349)</b> RULMAN / CARRIER 	<b>360085 (460085)</b> HİZALAYICI KARŞILIĞI / ALIGNER STRIKER 
<b>360084 (460084)</b> KANAT HİZALAYICI / SASH ALIGNER 	<b>310498 (410498)</b> KANAT HİZALAMA ALT BESLEMESİ / SASH ALIGNER BOTTOM BRACKET 
<b>360086 (460086)</b> DÜŞEY PİM KARŞILIĞI / VERTICAL PIN STRIKER 	<b>370087 (470087)</b> ALT&ÜST KARŞILIK / TOP&BOTTOM STRIKER 
<b>350022 (450022)</b> SABİT TAHLİYE KAPAĞI / FIXED DRAINAGE CAP  <p>* İSTENİLEN RENK BELİRTİLMELİDİR. (PVC) COLOUR SELECTION SHOULD BE STATED (PVC)</p>	<b>350057 (450057)</b> HAVA KESİCİLİ TAHLİYE KAPAĞI / DRAINAGE CAP WITH AIR PREVENTER FLAP  <p>* İSTENİLEN RENK BELİRTİLMELİDİR. (PVC) COLOUR SELECTION SHOULD BE STATED (PVC)</p>

( ) PARANTEZ İÇERİSİNDEKİ KODLAR İTHAL AKSESUARLARA AİTTİR.  
( ) CODES INTO THE PARENTHESIS BELONG TO IMPORTED ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.  
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

**AÇILIM AKSESUARLARI / OPENING ACCESSORIES**

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
<p><b>370350 (470350)</b> S80 SÜRME SOL İSPANYOLET GR01 (K:500)/ S80 SLIDING LEFT ESPAGNOLETTE GR01 (k:500)</p> 	<p><b>370351 (470351)</b> S80 SÜRME SAĞ İSPANYOLET GR01 (K:500)/ S80 SLIDING RIGHT ESPAGNOLETTE GR01 (k:500)</p> 
<p><b>370352 (470352)</b> S80 SÜRME SOL İSPANYOLET GR02 (K:1000)/ S80 SLIDING LEFT ESPAGNOLETTE GR02 (k:1000)</p> 	<p><b>370353 (470353)</b> S80 SÜRME SAĞ İSPANYOLET GR02 (K:1000)/ S80 SLIDING RIGHT ESPAGNOLETTE GR02 (k:1000)</p> 
<p><b>370354 (470354)</b> S80 SÜRME SOL İSPANYOLET KÜÇÜK UZATMA GR03 S80 SLIDING LEFT ESPAGNOLETTE SMALL EXTENSION GR03</p> 	<p><b>370355 (470355)</b> S80 SÜRME SAĞ İSPANYOLET KÜÇÜK UZATMA GR03 S80 SLIDING RIGHT ESPAGNOLETTE SMALL EXTENSION GR03</p> 
<p><b>370356 (470356)</b> S80 SÜRME SOL İSPANYOLET BÜYÜK UZATMA GR04 S80 SLIDING LEFT ESPAGNOLETTE LARGE EXTENSION GR04</p> 	<p><b>370357 (470357)</b> S80 SÜRME SAĞ İSPANYOLET BÜYÜK UZATMA GR04 S80 SLIDING RIGHT ESPAGNOLETTE LARGE EXTENSION GR04</p> 
<p><b>370359 (470359)</b> KARE MİLLİ KOL / HANDLE WITH SQUARE ROD</p> 	<p><b>370358 (470358)</b> HAVUZLU TUTAMAK / RECESSED HOLDER</p> 

( ) PARANTEZ İÇERİSİNDEKİ KODLAR İTHAL AKSESUARLARA AİTTİR.  
( ) CODES INTO THE PARENTHESIS BELONG TO IMPORTED ACCESSORIES.

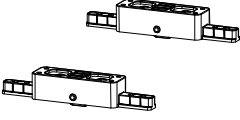
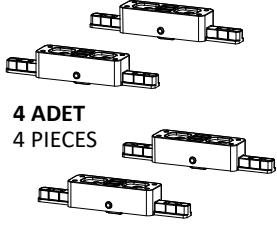
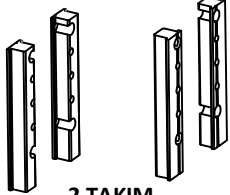
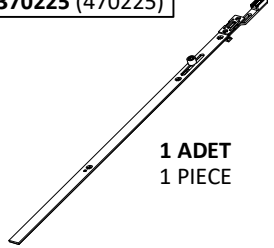

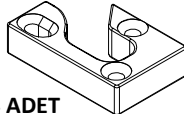
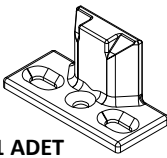
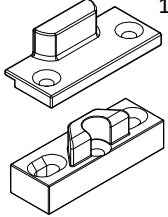
! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLDİR.  
! ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

## AÇILIM AKSESUARİ SEÇİM TABLOSU / OPENING ACCESSORIES SELECTION TABLE

AÇILIM AKSESUAR SETLERİ OPENING ACCESSORY KITS		KANAT SOLDA SASH AT LEFT	KANAT SAĞDA SASH AT RIGHT	ÇALIŞMA SINIRLARI (mm) USAGE LIMITS (mm)	
1	KOL YÜKSEKLİĞİ: 500mm HANDLE HEIGHT: 500mm	KÜÇÜK SET / SMALL KIT :	370350 (1 ADET) 370354 (1 ADET) 360082 (2 ADET)	370351 (1 ADET) 370355 (1 ADET) 360083 (2 ADET)	↑ 1190-1390 / 1585-1800 ↓
		BÜYÜK SET / LARGE KIT :	370350 (1 ADET) 370356 (1 ADET) 360082 (2 ADET)	370351 (1 ADET) 370357 (1 ADET) 360083 (2 ADET)	↑ 1390-1595 / 1800-2000 ↓
	KOL YÜKSEKLİĞİ: 1000mm HANDLE HEIGHT: 1000mm	KÜÇÜK SET / SMALL KIT :	370352 (1 ADET) 370354 (1 ADET) 360082 (2 ADET)	370353 (1 ADET) 370355 (1 ADET) 360083 (2 ADET)	↑ 1690-1890 / 2090-2300 ↓
		BÜYÜK SET / LARGE KIT :	370352 (1 ADET) 370356 (1 ADET) 360082 (2 ADET)	370353 (1 ADET) 370357 (1 ADET) 360083 (2 ADET)	↑ 1890-2095 / 2300-2500 ↓
	İLAVE UZATMA İSPANYOLETİ (420mm) / ADDITIONAL EXTENSION ESP. (420mm) :		370225		↑ 2500 - 3300 ↓
2	RULMAN SETİ (150 KG) / CARRIER KIT (150 KG)		370349 (2 ADET)	← 500 - 1500 →	
	RULMAN SETİ (250 KG) / CARRIER KIT (250 KG)		370349 (4 ADET)	← 750 - 2000 →	
3	HİZALAYICI SETİ / SASH ALIGNER KIT		360084 (4 ADET)	HER ÖLÇÜDE 4 ADET / 4 PIECES AT ALL	
4	HİZALAMA KARŞILIK SETİ / ALIGNER STRIKER KIT		360085 (4 ADET)	HER ÖLÇÜDE 4 ADET / 4 PIECES AT ALL	
5	DÜŞEY PİM KARŞILIK SETİ / VERTICAL PIN STR. KIT		360086	↑ 1600-2300 (1 SET) / 2300-3300 (2 SET) ↓	
6	ALT&ÜST KARŞILIK SETİ / TOP&BOTTOM STRIKER KIT		360087	← 750-1400 (2 SET) / 1400-2000 (4 SET) →	
7	HİZALAYICI ALT BESLEMESİ / ALIGNER BOT. BRACKET		310498 (2 TAKIM)	HER ÖLÇÜDE 2 TAKIM / 2 KITS AT ALL	

↑ : YÜKSEKLİK / HEIGHT

← : GENİŞLİK / WIDTH

<p><b>RULMAN SETİ (150 KG)</b> CARRIER KIT (150 KG)</p> <p><b>370349 (470349)</b></p>  <p><b>2 ADET</b> 2 PIECES</p>	<p><b>RULMAN SETİ (250 KG)</b> CARRIER KIT (250 KG)</p> <p><b>370349 (470349)</b></p>  <p><b>4 ADET</b> 4 PIECES</p>	<p><b>HİZALAYICI ALT BESLEMESİ</b> ALIGNER STRIKER KIT</p> <p><b>310498 (410498)</b></p>  <p><b>2 TAKIM</b> 2 KITS</p>	<p><b>İLAVE UZATMA (420mm)</b> ADDITIONAL EXTENSION(420mm)</p> <p><b>370225 (470225)</b></p>  <p><b>1 ADET</b> 1 PIECE</p>
<p><b>HİZALAYICI SETİ</b> SASH ALIGNER KIT</p> <p><b>360084 (460084)</b></p>  <p><b>4 ADET</b> 4 PIECES</p>	<p><b>HİZALAMA KARŞILIK SETİ</b> ALIGNER STRIKER KIT</p> <p><b>360085 (460085)</b></p>  <p><b>4 ADET</b> 4 PIECES</p>	<p><b>DÜŞEY PİM KARŞILIK SETİ</b> VERTICAL PIN STRIKER KIT</p> <p><b>360086 (460086)</b></p>  <p><b>1 ADET</b> 1 PIECE</p>	<p><b>ALT&amp;ÜST KARŞILIK SETİ</b> TOP&amp;BOTTOM STRIKER KIT</p> <p><b>360087 (460087)</b></p>  <p><b>1 ADET</b> 1 PIECE</p>

( ) PARANTEZ İÇERİSİNDEKİ KODLAR İTHAL AKSESUARLARA AİTTİR.  
( ) CODES INTO THE PARENTHESIS BELONG TO IMPORTED ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.  
! ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

AÇILIM AKSESUARİ SEÇİM TABLOSU / OPENING ACCESSORIES SELECTION TABLE

**KÜÇÜK SET - SOL (KOL YÜKSEKLİĞİ: 500mm)**  
SMALL KIT - LEFT (HANDLE HEIGHT: 500mm)

İSPANYOLET  
ESPAGNOLETTE  
**370350**  
(470350)

1 ADET  
1 PIECE

ÇEKTİRME KARŞILIĞI  
PULLER STRIKER  
**360082**  
(460082)

2 ADET  
2 PIECES

KÜÇÜK UZATMA  
SMALL EXTENSION  
**370354**  
(470354)

1 ADET  
1 PIECE

**KÜÇÜK SET - SAĞ (KOL YÜKSEKLİĞİ: 500mm)**  
SMALL KIT - RIGHT (HANDLE HEIGHT: 500mm)

İSPANYOLET  
ESPAGNOLETTE  
**370351**  
(470351)

1 ADET  
1 PIECE

ÇEKTİRME KARŞILIĞI  
PULLER STRIKER  
**360083**  
(460083)

2 ADET  
2 PIECES

KÜÇÜK UZATMA  
SMALL EXTENSION  
**370355**  
(470355)

1 ADET  
1 PIECE

**BÜYÜK SET - SOL (KOL YÜKSEKLİĞİ: 500mm)**  
LARGE KIT - LEFT (HANDLE HEIGHT: 500mm)

İSPANYOLET  
ESPAGNOLETTE  
**370350**  
(470350)

1 ADET  
1 PIECE

ÇEKTİRME KARŞILIĞI  
PULLER STRIKER  
**360082**  
(460082)

2 ADET  
2 PIECES

BÜYÜK UZATMA  
LARGE EXTENSION  
**370356**  
(470356)

1 ADET  
1 PIECE

**BÜYÜK SET - SAĞ (KOL YÜKSEKLİĞİ: 500mm)**  
LARGE KIT - RIGHT (HANDLE HEIGHT: 500mm)

İSPANYOLET  
ESPAGNOLETTE  
**370351**  
(470351)

1 ADET  
1 PIECE

ÇEKTİRME KARŞILIĞI  
PULLER STRIKER  
**360083**  
(460083)

2 ADET  
2 PIECES

BÜYÜK UZATMA  
LARGE EXTENSION  
**370357**  
(470357)

1 ADET  
1 PIECE

**KÜÇÜK SET - SOL (KOL YÜKSEKLİĞİ: 1000mm)**  
SMALL KIT - LEFT (HANDLE HEIGHT: 1000mm)

İSPANYOLET  
ESPAGNOLETTE  
**370352**  
(470352)

1 ADET  
1 PIECE

ÇEKTİRME KARŞILIĞI  
PULLER STRIKER  
**360082**  
(460082)

2 ADET  
2 PIECES

KÜÇÜK UZATMA  
SMALL EXTENSION  
**370354**  
(470354)

1 ADET  
1 PIECE

**KÜÇÜK SET - SAĞ (KOL YÜKSEKLİĞİ: 1000mm)**  
SMALL KIT - RIGHT (HANDLE HEIGHT: 1000mm)

İSPANYOLET  
ESPAGNOLETTE  
**370353**  
(470353)

1 ADET  
1 PIECE

ÇEKTİRME KARŞILIĞI  
PULLER STRIKER  
**360083**  
(460083)

2 ADET  
2 PIECES

KÜÇÜK UZATMA  
SMALL EXTENSION  
**370355**  
(470355)

1 ADET  
1 PIECE

**BÜYÜK SET (KOL YÜKSEKLİĞİ: 1000mm)**  
LARGE KIT (HANDLE HEIGHT: 1000mm)

İSPANYOLET  
ESPAGNOLETTE  
**370352**  
(470352)

1 ADET  
1 PIECE

ÇEKTİRME KARŞILIĞI  
PULLER STRIKER  
**360082**  
(460082)

2 ADET  
2 PIECES

BÜYÜK UZATMA  
LARGE EXTENSION  
**370356**  
(470356)

1 ADET  
1 PIECE

**BÜYÜK SET (KOL YÜKSEKLİĞİ: 1000mm)**  
LARGE KIT (HANDLE HEIGHT: 1000mm)

İSPANYOLET  
ESPAGNOLETTE  
**370353**  
(470353)

1 ADET  
1 PIECE

ÇEKTİRME KARŞILIĞI  
PULLER STRIKER  
**360083**  
(460083)

2 ADET  
2 PIECES

BÜYÜK UZATMA  
LARGE EXTENSION  
**370357**  
(470357)

1 ADET  
1 PIECE

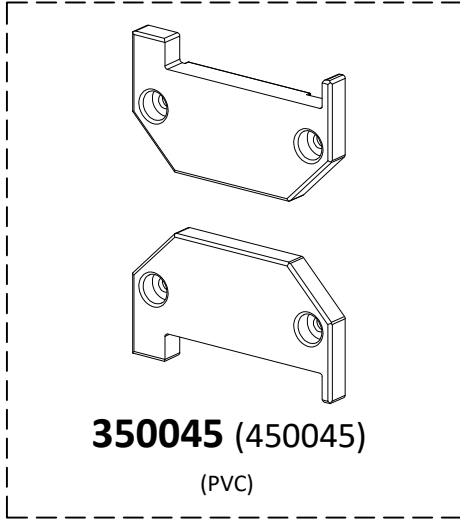
( ) PARANTEZ İÇERİSİNDEKİ KODLAR İTHAL AKSESUARLARA AİTTİR.  
( ) CODES INTO THE PARENTHESIS BELONG TO IMPORTED ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.  
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

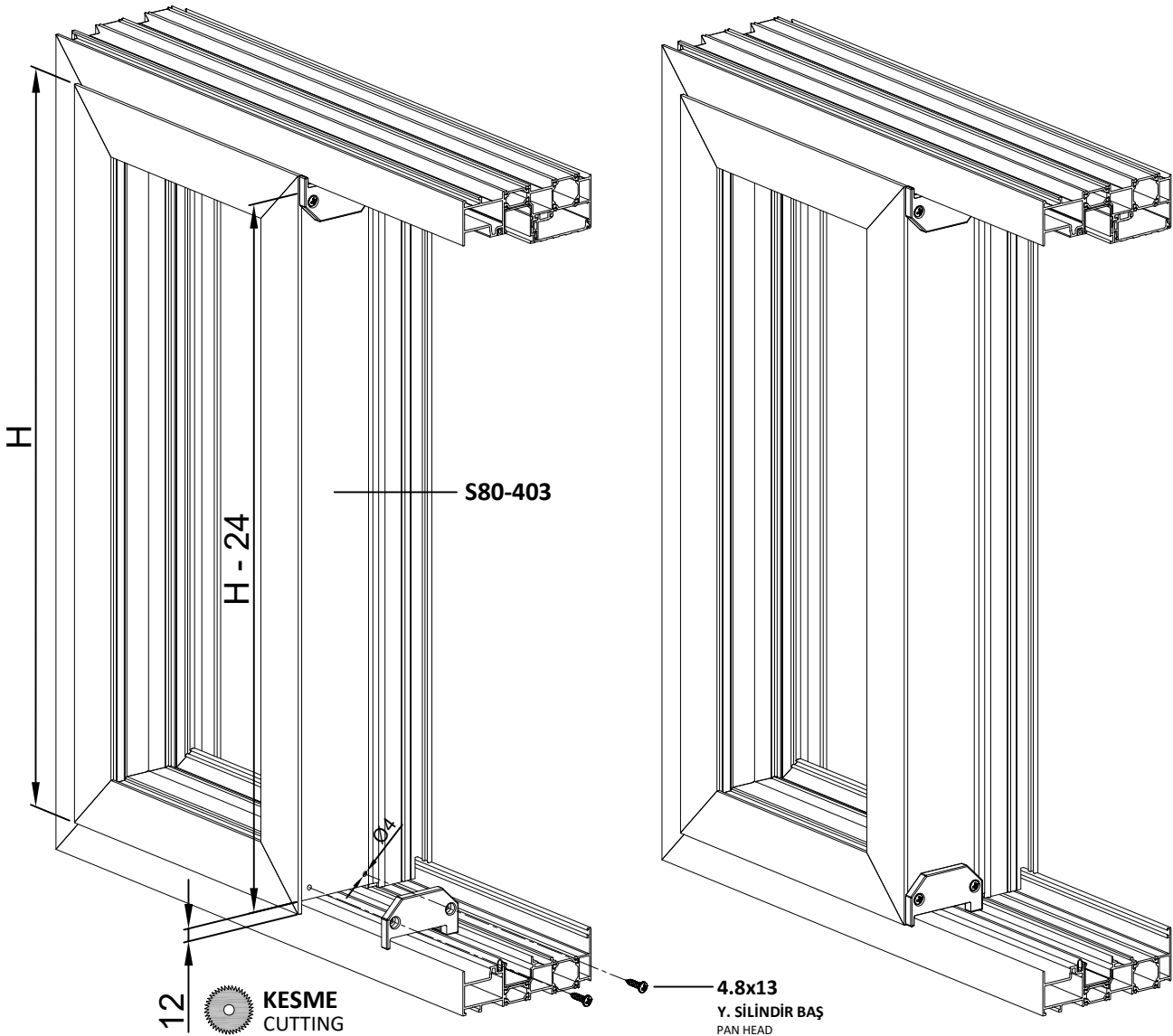
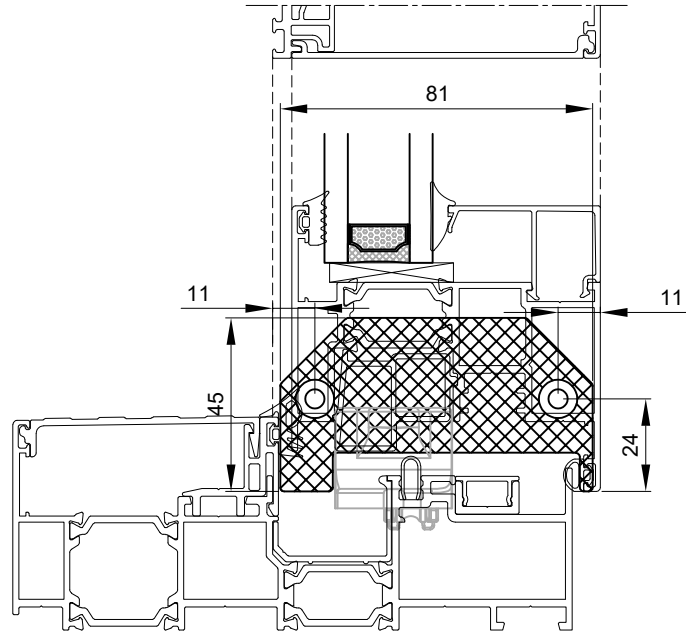


## KENET TAPALARI

CLAMP PLUGS

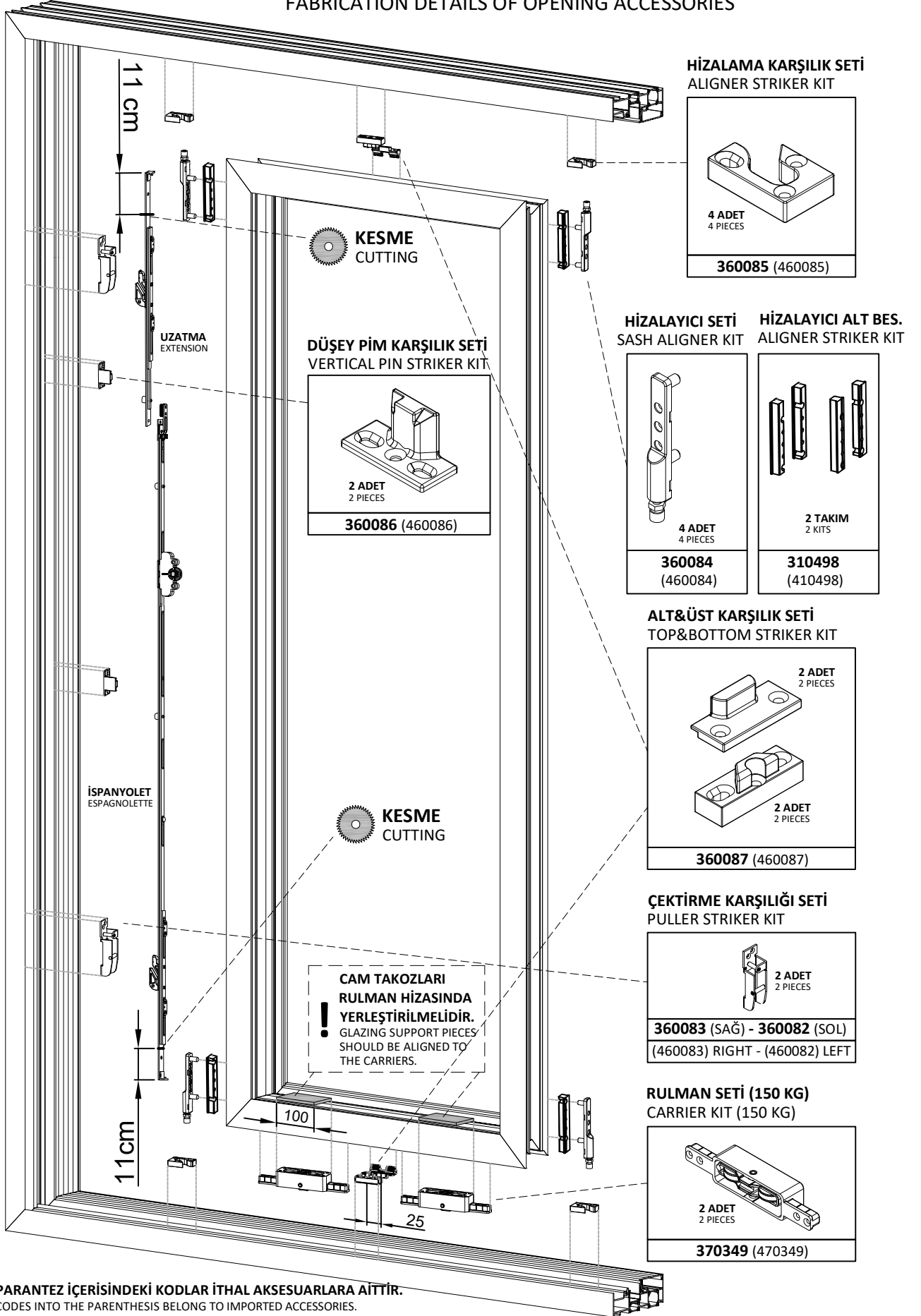


\* ALT&ÜST TAKIMDIR.  
TOP&BOTTOM KIT



## AÇILIM AKSESUARI UYGULAMA DETAYLARI

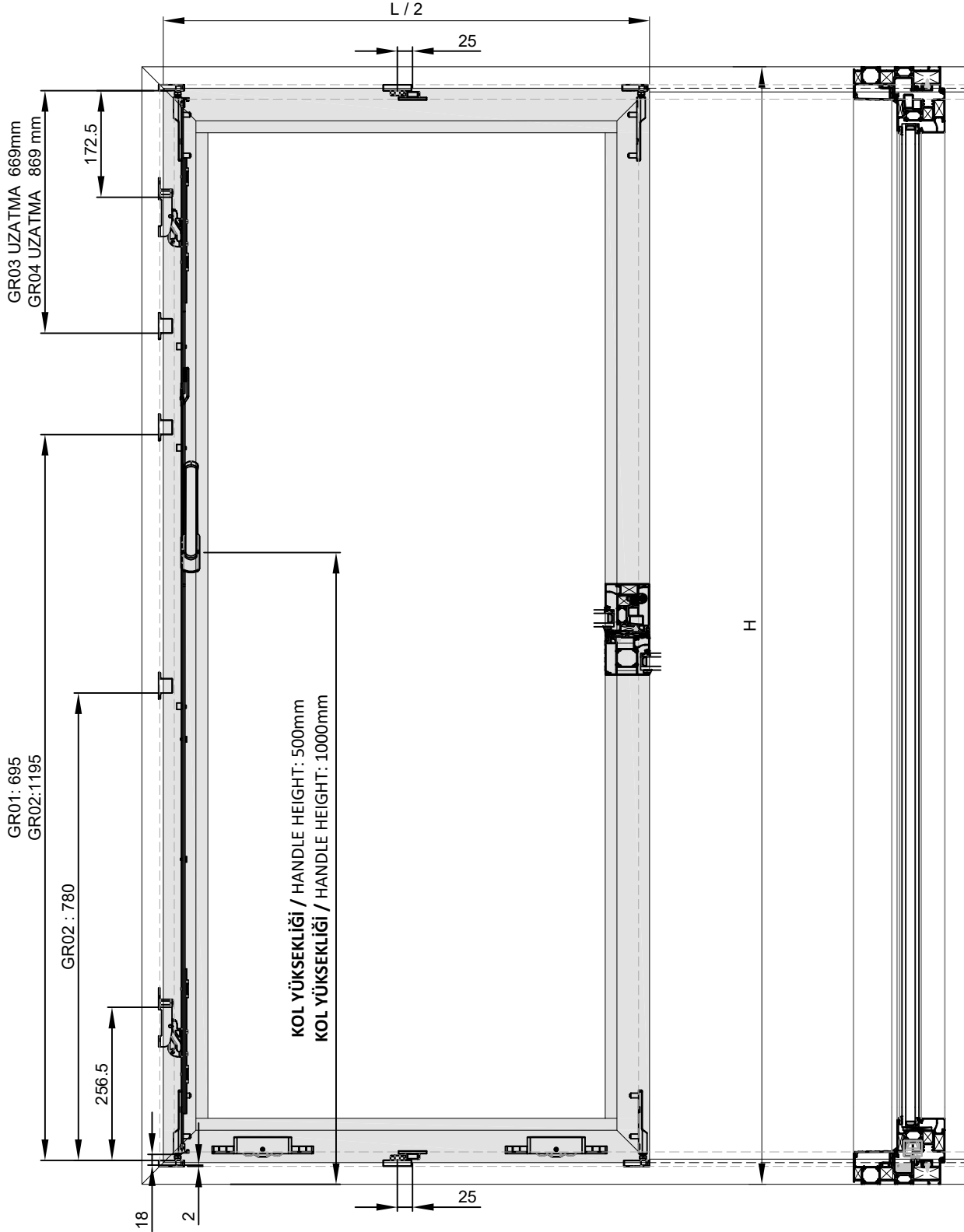
### FABRICATION DETAILS OF OPENING ACCESSORIES



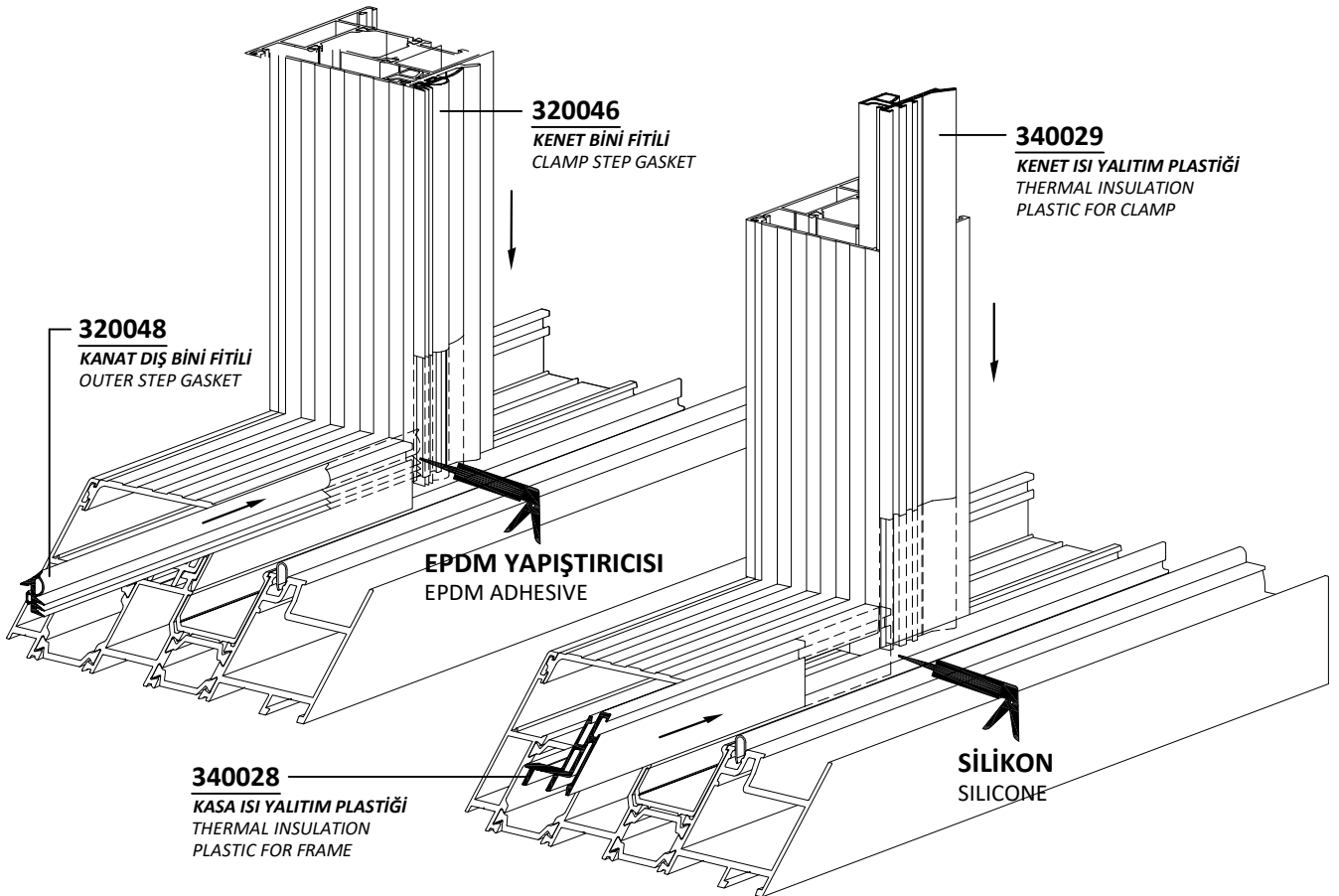
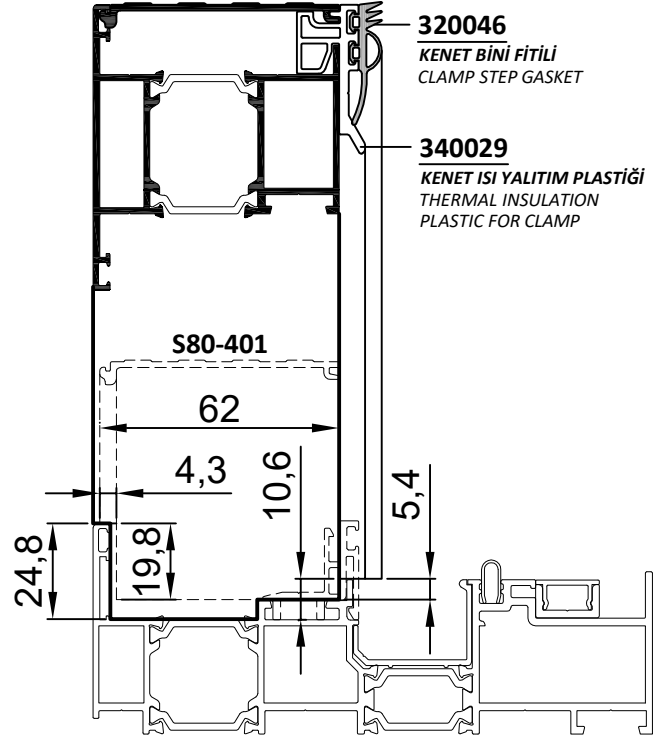
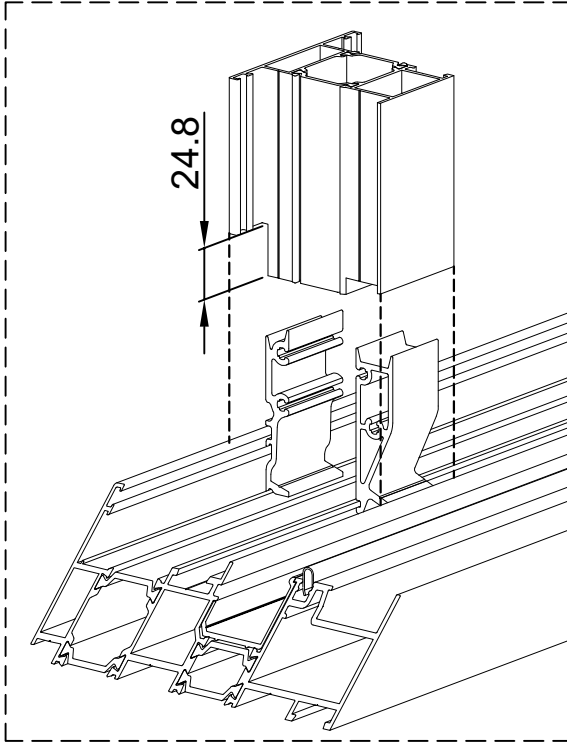
( ) PARANTEZ İÇERİSİNDEKİ KODLAR İTHAL AKSESUARLARA AİTTİR.  
( ) CODES INTO THE PARENTHESIS BELONG TO IMPORTED ACCESSORIES.

## AÇILIM AKSESUARI UYGULAMA DETAYLARI

### FABRICATION DETAILS OF OPENING ACCESSORIES

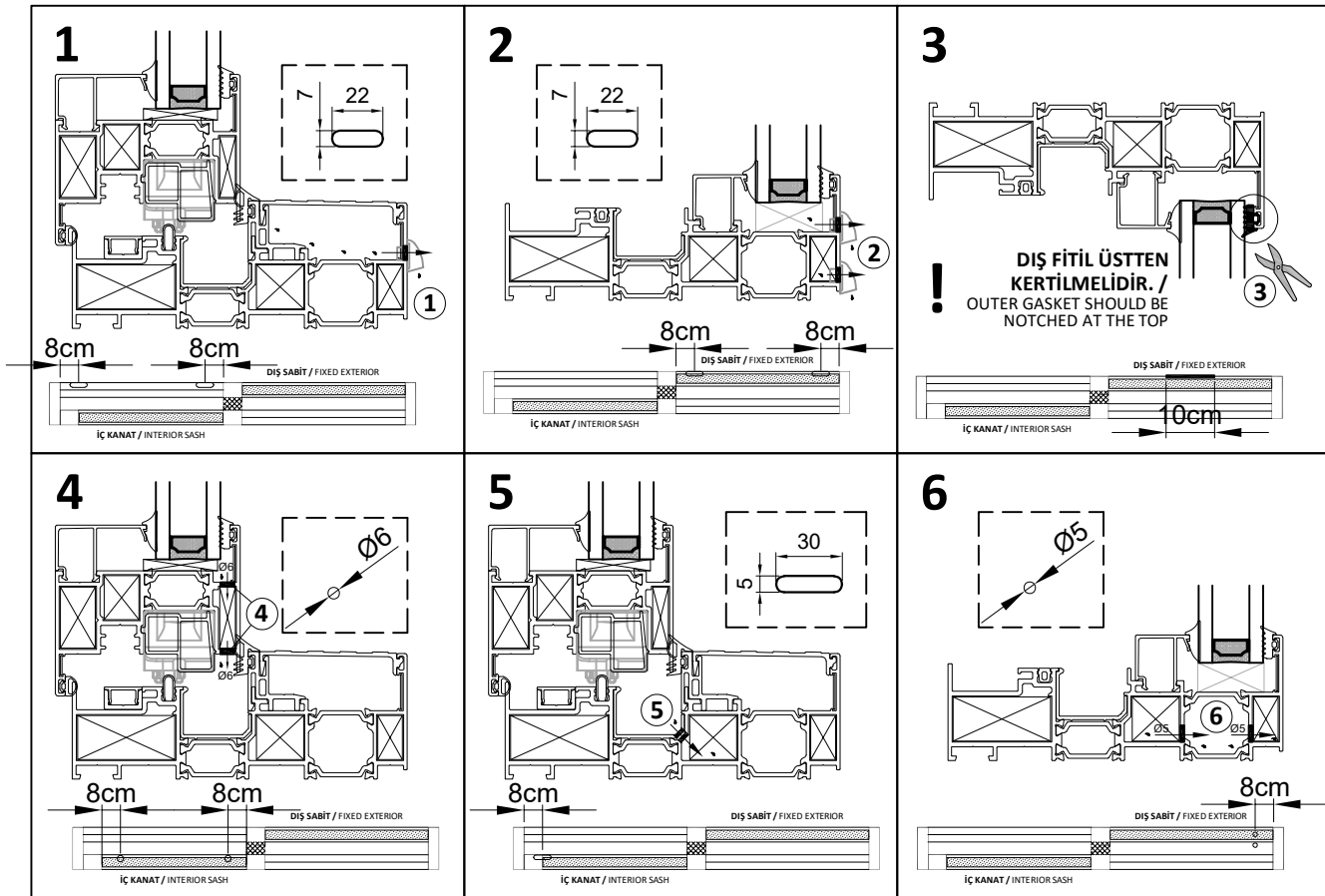
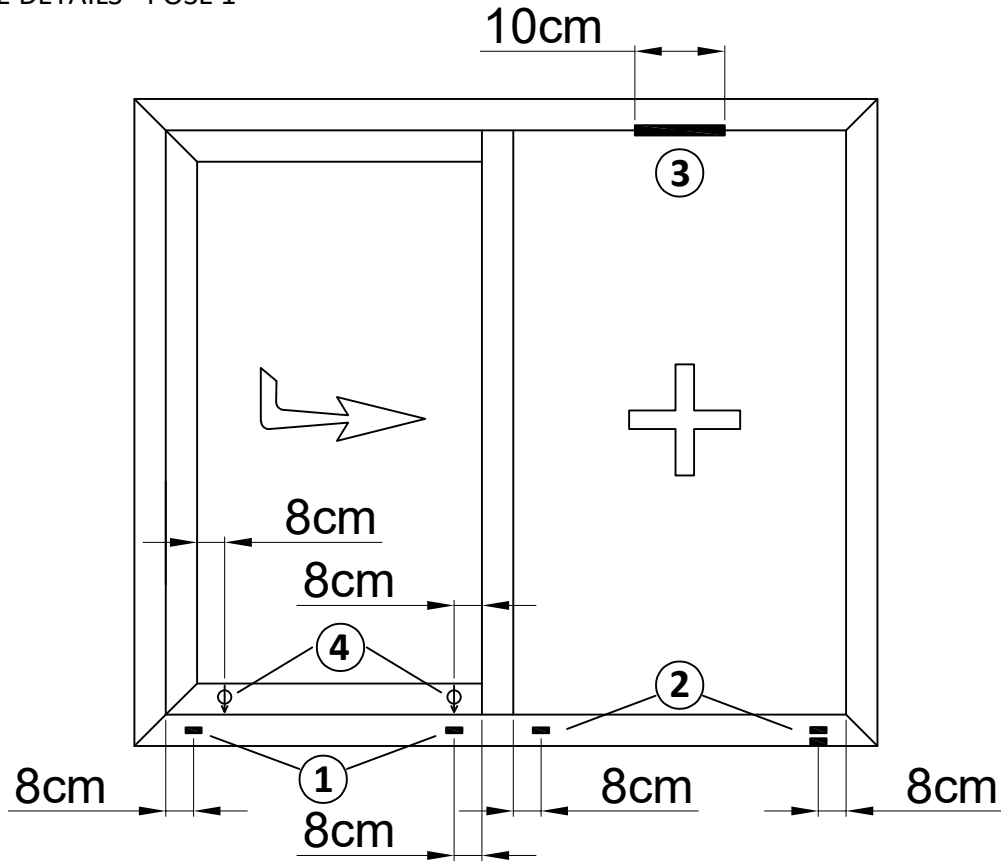


**ORTA KAYIT & KENET BAĞLANTI DETAYLARI**  
TRANSOM & CLAMP CONNECTION DETAILS

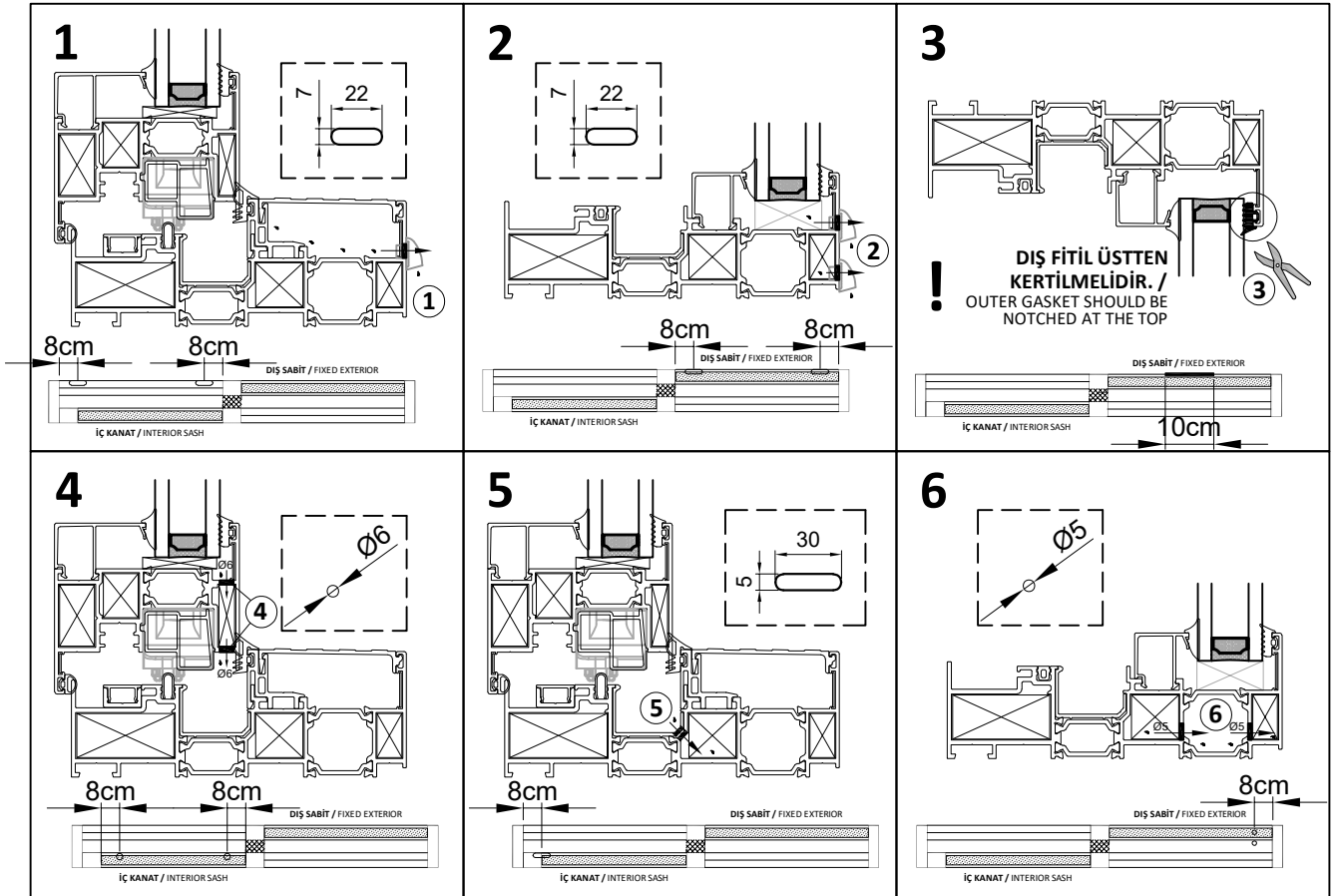
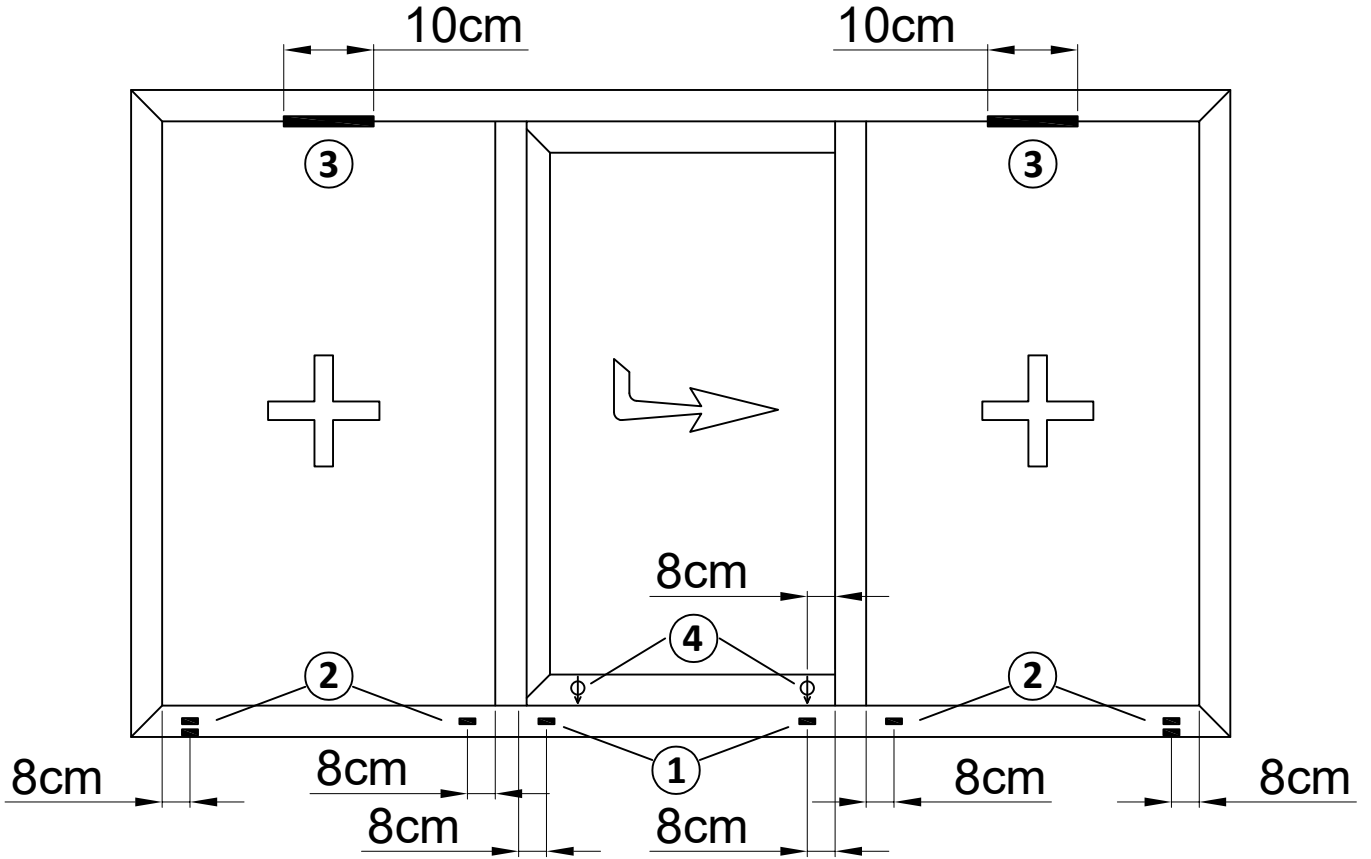


## TAHLİYE DETAYLARI - POZ 1

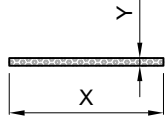
DRAINAGE DETAILS - POSE 1



TAHLİYE DETAYLARI - POZ 2  
DRAINAGE DETAILS - POSE 2



## YALITIM MALZEMELERİ / INSULATION MATERIALS



### POLİETİLEN BANT

POLYETHYLENE TAPE

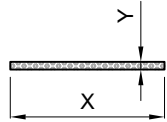
0	X (mm)	Y (mm)
490044	50	2
490045	60	2
490046	70	2
490047	80	2
490048	90	2
490049	100	2



### BUTİL BANT

BUTIL TAPE

0	X (mm)	Y (mm)
490061	40	1
490062	45	1
490063	50	1
490064	55	1
490065	60	1
490066	65	1
490067	70	1
490068	75	1
490069	80	1
490070	85	1
490071	90	1
490072	95	1
490073	100	1
490074	150	1



### TEK TARAFLI BANT

SINGLE-SIDE STICK TAPE

0	X (mm)	Y (mm)
490050	10	1,5
490051	15	1,5
490052	20	1,5
490053	25	1,5
490054	30	1,5
490055	40	1,5
490056	10	3
490057	15	3
490058	20	3
490059	25	3
490060	40	3

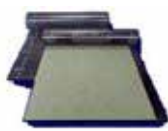
### ÇİFT TARAFLI BANT

DOUBLE-SIDE STICK



### EPDM MEMBRAN

INSULATION MEBRANE



### PVC MEMBRAN

INSULATION MEBRANE



### POLİSTİK BANT 15x45

POLYSTIC TAPE



490080 390080

### ŞİŞEN BANT 10x10-17MM

POLYURETHANE FOAM TAPE



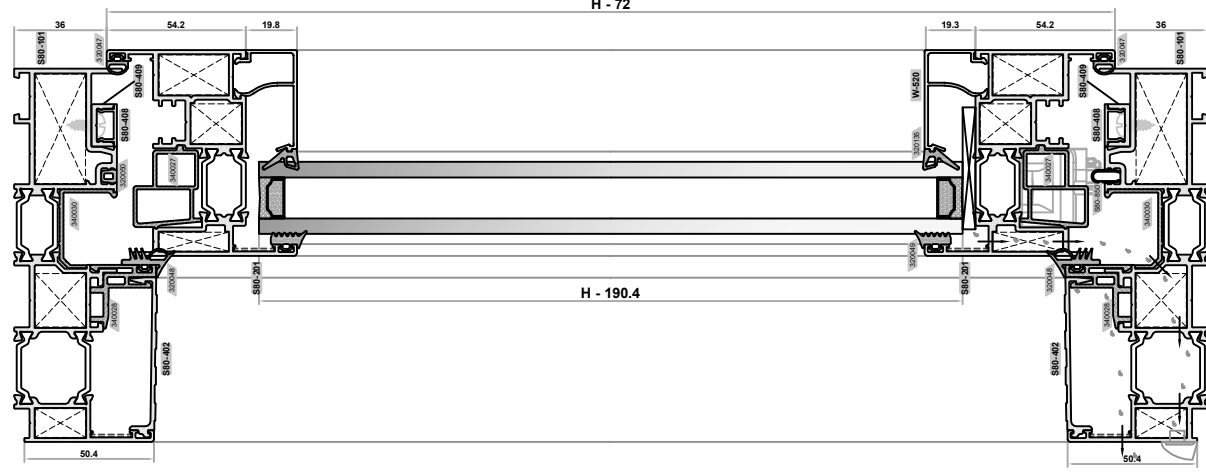
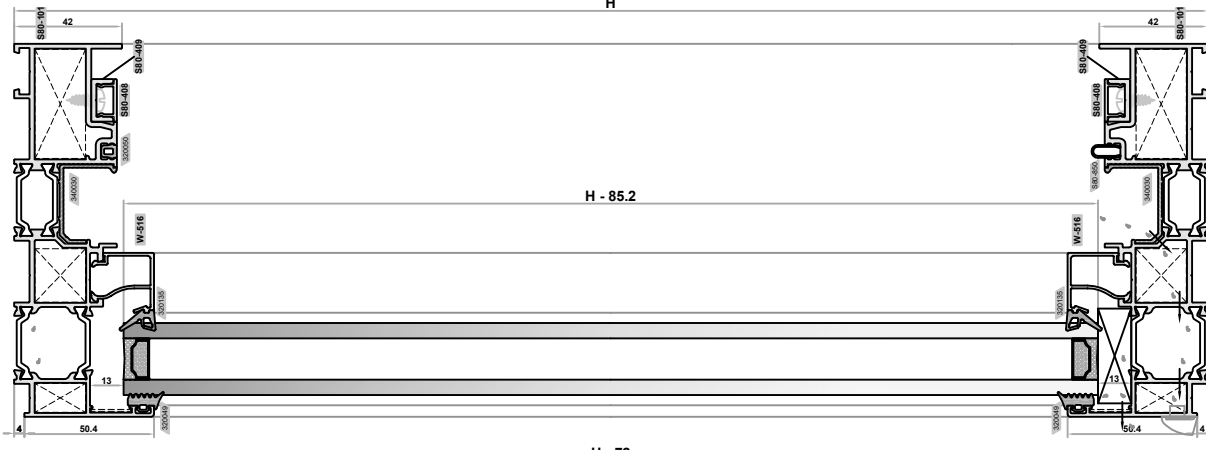




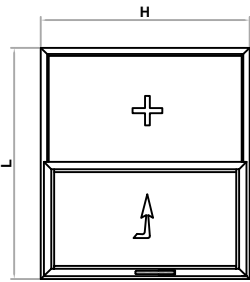
# İMALARAT KESİM ÖLÇÜLERİ FABRICATION CUTTING SIZES

► 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.

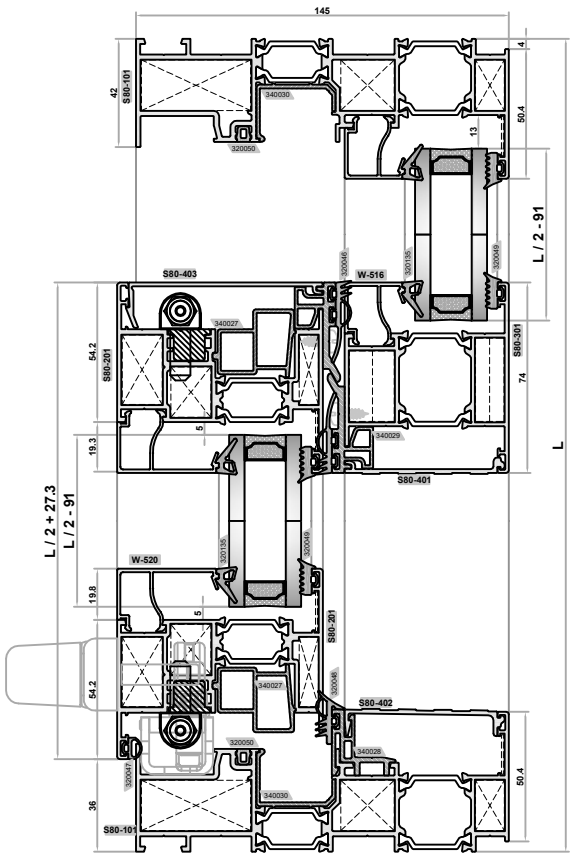


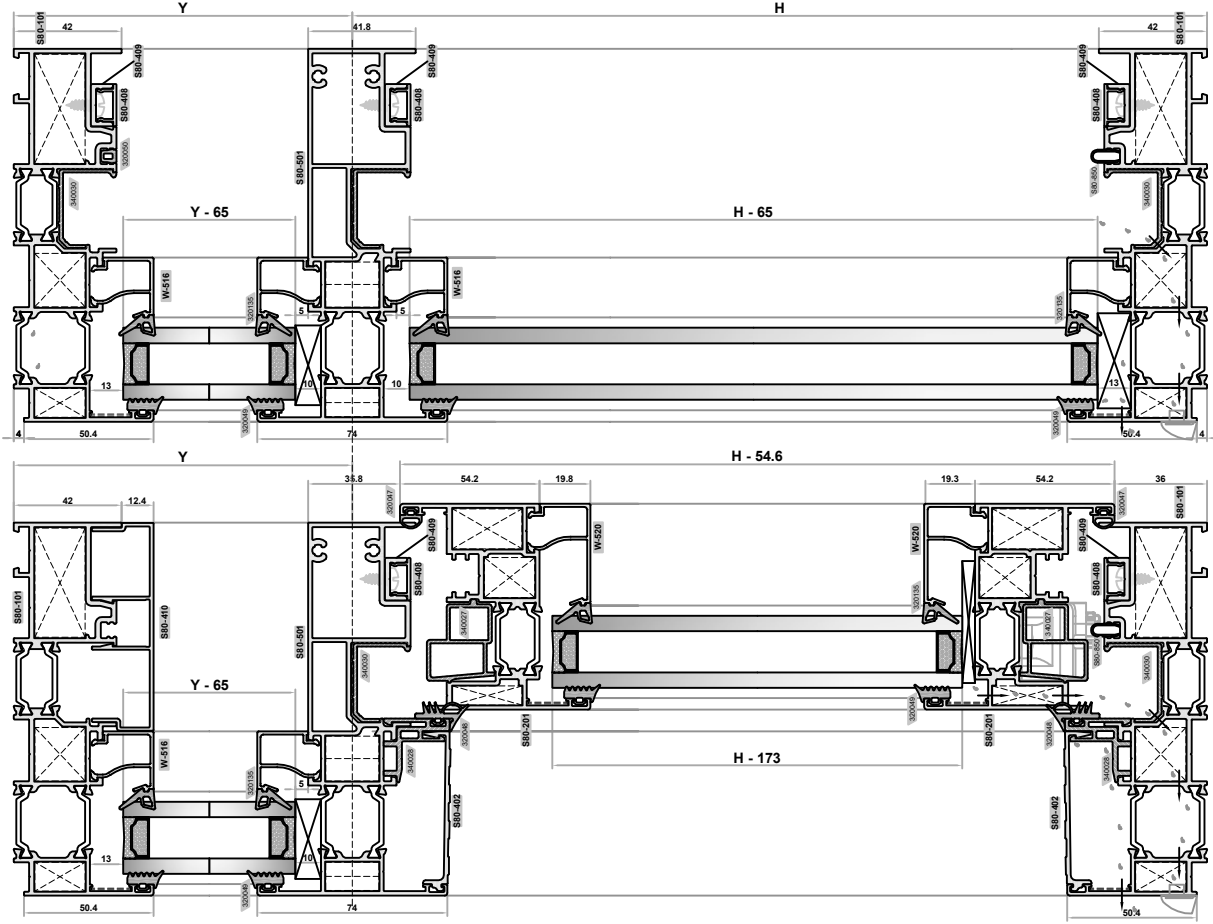


AKSESUARLAR / ACCESSORIES		TANIM / DESCRIPTION	KESİM ÖLÇÜSÜ / CUTTING SIZE
ADET / UNIT	KOD / CODE		
-	37032	ESPANVOLET (PARKASIZ) / ESPANVOLETTE (W/OUT)	-
-	30084	MEZALAMA KANISLIĞI SETİ / ALUMINUM STRIKER	-
-	37087	ALT BÜST KANISLIK SETİ / TORBETOM STRIKER KIT	-
-	30082	ÇATIYERME KANISLIĞI / PULLER STRIKER	-
-	37039	MUMMAN (1500 KG) / CORNER (150 KG)	-
-	30086	DÜŞÜYÜK PAKKASIZ / VERTICAL PIN STRIKER	-
-	32048	MEZALAMA DİŞTER PAKKASIZ / ALUMINUM SUPPORT PICE	-
-	320135	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2L + 4H
-	32049	DİŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 4H
-	32047	BİNI FİTİLİ / S TEP GASKET	L + H
-	32048	KANAT DİŞ BİNI FİTİLİ / OUTER STEP GASKET FOR ASH	L + H
-	32046	SENKRE BİNI FİTİLİ / CLAMP STEP GASKET	2H
-	32050	RAY KAPAK MA FİTİLİ / RAIL COVER GASKET	L + 2H
-	34027	KANAT İS VANTİM PASTİĞİ / İNSÜLASYON / INSULATION PLASTIC FORASH	L + 2H
-	34028	KANAT İS VANTİM PASTİĞİ / İNSÜLASYON / INSULATION PLASTIC FORFRAME	L + H
-	34029	KANAT İS VANTİM PASTİĞİ / İNSÜLASYON / INSULATION PLASTIC FOR CLAMP	2H
-	34030	MİRKEZİ KANAL VANTİM PL / İNS. RAJİC FOR CHANNEL	2L + 2H
4	31029	KASA KOŞE TAVOZU / CORNER CLEAT FOR FRAME	-
4	31032	KASA KOŞE TAVOZU / CORNER CLEAT FOR FRAME	-
4	31033	KASA KOŞE TAVOZU / CORNER CLEAT FOR FRAME	-
4	31037	KANAT KOŞE TAVOZU / CORNER CLEAT FOR VENT	-
4	31038	KANAT KOŞE TAVOZU / CORNER CLEAT FOR VENT	-
4	31039	KANAT KOŞE TAVOZU / CORNER CLEAT FOR VENT	-
2	31036	ORTA KAVT BAĞANTISI (T) / TRANSOM CONNECTION (T)	-
2	31045	ORTA KAVT BAĞANTISI (B) / TRANSOM CONNECTION (B)	-
8	32001	SOĞUK ÇAVUŞ / CORNER ALIGNMENT	-
5	32057	TANITE LAPAS / DRAINAGE SLOT COVER	-
1	30080	CELİF RAY / STEEL RAIL	-



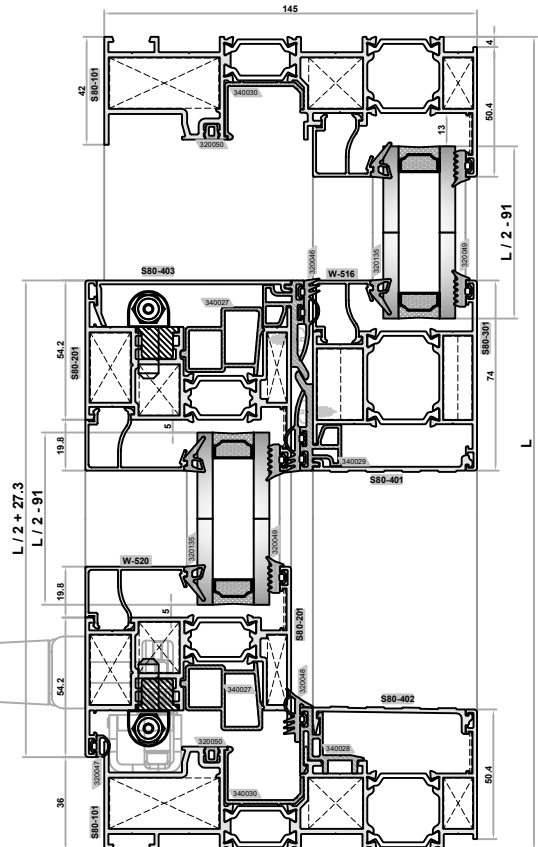
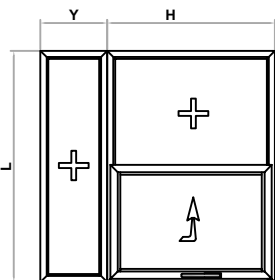
PROFİLLER / PROFILES		TANIM / DESCRIPTION	KESİM AÇISI / CUTTING ANGLE	KESİM ÖLÇÜSÜ / CUTTING SIZE
ADET / UNIT	KOD / CODE			
2	S80-101	DÜŞÜYÜK KASA / VERTICAL FRAME	45°/45°	H
2	S80-101	YATAY KASA / HORIZONTAL FRAME	45°/45°	L
2	S80-201	DÜŞÜYÜK KAVT / VERTICAL VENT	45°/45°	H - 72
1	S80-301	ORTA KAVT PROFİLİ / TRANSOM PROFILE	45°/45°	L/2 + 27.3
1	S80-401	KAVT YAN KAPAK MA / RAIL SIDE CO.	90°/90°	H - 101
1	S80-402	SABİTLEME / COVER FOR RAIL SIDE	90°/90°	H - 101
1	S80-402	SABİTLEME / COVER FOR RAIL SIDE	90°/90°	L/2 - 62
1	S80-403	KANAT YAN KAPAK MA / ASH SIDE COVER	90°/90°	H - 72
2	S80-408	MEZALAMA PROFİLİ / ALUMINUM PROFILE	90°/90°	L - 60
2	S80-409	MEZALAMA PROFİLİ / ALUMINUM PROFILE	90°/90°	L - 60
2	W-516	DÜŞÜYÜK CAM ÇIŞASI / VERT. GLAZING BEAD	90°/90°	H - 220
2	W-520	YATAY CAM ÇIŞASI / HOR. GLAZING BEAD	90°/90°	H - 309
2	W-520	YATAY CAM ÇIŞASI / HOR. GLAZING BEAD	90°/90°	L/2 - 81
2	W-516	YATAY CAM ÇIŞASI / HOR. GLAZING BEAD	90°/90°	L/2 - 81



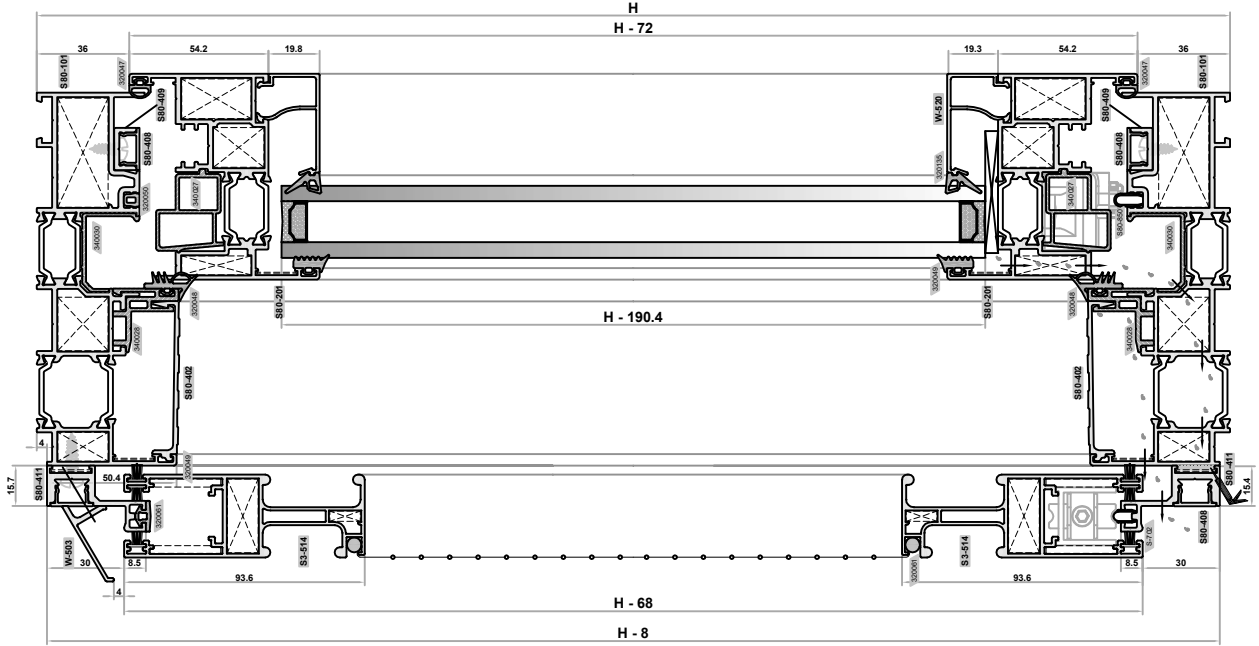


AKSESUARLAR / ACCESSORIES		TANIM / DESCRIPTION	KESİM ÖLÇÜSÜ / CUTTING SIZE
ADET / UNIT	KOD / CODE		
-	370332	İSPANYOLET FARKLI ESOLİ / SPANCOLETTE KIT (LIFT)	-
-	360084	HIDRAMAMA KAPASU (SET) / ALUMINUM STRIKER	-
-	370087	AUTOLİST KAPAKLI SETİ / AUTOBOTTOM STRIKER KIT	-
-	360082	CEKTRİME KAPASU / PULLER STRIKER	-
-	370249	RULMAN (ESOLİ) / ROLLER (ESOLİ)	-
-	360086	DÜŞÜRME KAPASU / VERTICAL PIN STRIKER	-
-	370498	HIDRAMAMA BİLETERE PANCASI / ALUMINUM SURF/PINFACE	-
-	320135	İC CAM FİTİLİ / INNER GLAZING GASKET	4L + 4H + 2Y
-	320040	DİŞ CAM FİTİLİ / OUTER GLAZING GASKET	4L + 4H + 2Y
-	320047	BİR FİTİLİ / STEP GASKET	L + H
-	320048	KANAT DİŞ BİNE FİTİLİ / OUTER STEP GASKET FOR SASH	L + H
-	320046	KENET BİNE FİTİLİ / CLAMP STEP GASKET	2H
-	320050	BAY KAYIRMA FİTİLİ / RAIL COVER GASKET	L + 2H
-	340027	KANAT İSPLASTİM PANCASI / INSULA PLASTIC FOR SASH	L + 2H
-	340028	KASA İSPLASTİM PANCASI / INSULA PLASTIC FOR FRAME	L + H
-	340029	KENET İSPLASTİM PANCASI / INSULA PLASTIC FOR CLAMP	2H
-	340030	MERKEZİ MANKA YANTIM PANCASI / INS. PLASTIC FOR CHANNEL	2L + 2H
4	310239	KASA KOŞE TARDUZU / CORNER CLEAR FOR FRAME	-
4	310240	KANAT KOŞE TARDUZU / CORNER CLEAR FOR SASH	-
4	310238	KANAT KOŞE TARDUZU / CORNER CLEAR FOR VENT	-
4	310237	KANAT KOŞE TARDUZU / CORNER CLEAR FOR VENT	-
4	310236	ORTA MANTİ BAĞLANTISIZI / TRANSOM CONNECTION (I)	-
2	310455	ORTA MANTİ BAĞLANTISIZI / TRANSOM CONNECTION (II)	-
8	350001	KOŞE CİHAZI / CORNER ALIGNMENT	-
5	350057	TANILME KAPASU / DRAINAGE SLOT COVER	-
1	360046	ÇEKMEYİ / STRIKE RAIL	-

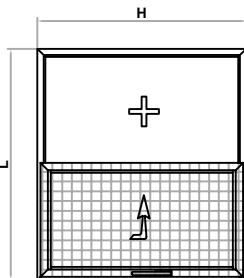
PROFİLLER / PROFILES		TANIM / DESCRIPTION	KESİM ÖLÇÜSÜ / CUTTING SIZE
ADET / UNIT	KOD / CODE		
2	S80-10L	DÜŞÜRME KASA / VERTICAL FRAME	H + Y
2	S80-20L	YATAY ÇERÇİVE / HORIZONTAL FRAME	L
1	S80-50L	YATAY ÇERÇİVE KAVTIR / HORN TRANSOM	L - 59
2	S80-20L	DÜŞÜRME KANAT / VERTICAL VENT	H - 54,6
2	S80-20L	YATAY KANAT / HORIZONTAL VENT	L - 27,3
1	S80-30L	ORTA MANTİ PROFİLİ / TRANSOM PROFILE	H - 42
1	S80-40L	KANIT MANKA KAVTIR / HORN CAPTR.	H - 88
1	S80-40L	SANITL KAPAK / COVER FOR RAIN GUT	H - 88
2	S80-40L	SANITL KAPAK / COVER FOR RAIN GUT	L - 27,3
1	S80-40L	KANAT YAN KAPASU / SASH SIDE COVER	H - 54,6
2	S80-40B	HIDRAMAMA PROFİLİ / ALIGNMENT PROFILE	L - 60
1	S80-40B	HIDRAMAMA KAPAK PA. / ALUM. CAPTR.	L - 60
2	S80-40B	KASA GİZLEME PROFİLİ / FRAME HIDER PR.	L - 60 - 24Y - 27,3
2	W-520	DÜŞÜRME CAM OTASU / VERT. GLAZING BEAD	H - 203
2	W-516	DÜŞÜRME CAM OTASU / VERT. GLAZING BEAD	H - 95 - Y - 96
2	W-520	YATAY CAM OTASU / HOR. GLAZING BEAD	L - 27,3
2	W-516	YATAY CAM OTASU / HOR. GLAZING BEAD	L - 27,3 - L - 60



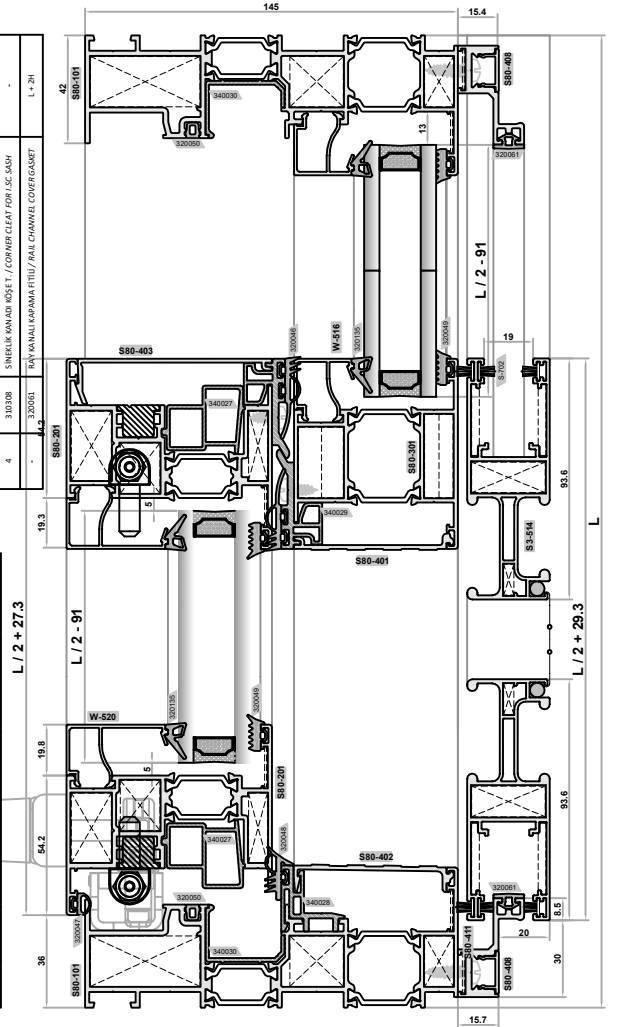




ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
-	33032	İSPANOLET FARKI (ÖL) / SPANOLETT FARK (AT LEFT)	-
-	36008	HİDRAAMA VARSUŞU SETİ / AINSER SETHER	-
-	33007	AĞIR ÜST KARSILIK SETİ / TOP-BOTTOM STRIKER KIT	-
-	36002	ÇEKİRTEME KARSILIK / PULLER STRIKER	-
-	33040	RULMANLIDIRIĞI / CARRIER (150 KG)	-
-	33006	DÜŞEY PİN VARSUŞU / VERTICAL PIN STRIKER	-
-	33008	HİDRAAMA BESTER PARÇASI / AINSER SUPPORT PIECE	-
-	33013	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2L + 4H
-	33009	DİŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 4H
-	33007	BİM FİTİLİ / STEP GASKET	L + H
-	33004	KANIT DİŞ BİM FİTİLİ / OUTER STEP GASKET FOR SASH	L + H
-	33006	KEMER BİM FİTİLİ / CLAMP STEP GASKET	2H
-	33005	RAY KAPATMA FİTİLİ / RAIL COVER GASKET	L + 2H
-	34007	KANIT İS YALITIM PASTİĞİ / INSULA PLASTIC FOR SASH	L + 2H
-	34002	KASA İS YALITIM PASTİĞİ / INSULA PLASTIC FOR FRAME	L + H
-	34005	KEMER İS YALITIM PASTİĞİ / INSULA PLASTIC FOR CLAMP	2H
-	34030	MERKEZİ KANAL YALITIM P. / INS. PLASTIC FOR CHANNEL	2L + 2H
4	33038	KASA KOŞE TAMDIZI / CORNER CLEAR FOR FRAME	-
4	33050	KASA KOŞE TAMDIZI / CORNER CLEAR FOR FRAME	-
4	33053	KASA KOŞE TAMDIZI / CORNER CLEAR FOR FRAME	-
4	33039	KANIT KOŞE TAMDIZI / CORNER CLEAR FOR RWT	-
4	33038	KANIT KOŞE TAMDIZI / CORNER CLEAR FOR VENT	-
4	33040	KANIT KOŞE TAMDIZI / CORNER CLEAR FOR WWT	-
2	33036	ORTA KAVT BAĞLANTISI / TRANSOM CONNECTION (T)	-
2	33045	ORTA KAVT BAĞLANTISI / TRANSOM CONNECTION (U)	-
8	33001	KOŞE ÇAVUŞU / CORNER ALIGNMENT	-
5	33007	TANILIK KAPAĞI / DRAINAGE SLOT COVER	-
1	36006	CELAZ RAY / STEEL RAIL	-
1	36021	SİNEKLİK KİNCİLEK RAY / STEEL RAIL FOR INSECT SCREEN	-
4	33009	SİNEKLİK KANAL KOŞE T. / CORNER CLEAR FOR I.S.C. SASH	-
4	33038	SİNEKLİK KANAL KOŞE T. / CORNER CLEAR FOR I.S.C. SASH	-
-	33001	RAY KANALI KAPAMA FİTİLİ / RAIL CHANNEL COVER GASKET	L + 2H



ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
2	S80-101	DÜŞEY KASA / VERTICAL FRAME	H
2	S80-101	VAY KASASI / HORIZONTAL FRAME	L
2	S80-201	DÜŞEY KANIT / VERTICAL UNIT	H - 72
2	S80-201	VAY KANIT / HORIZONTAL UNIT	L/2 + 27.3
1	S80-301	ORTA KAVT PROFİLİ / TRANSOM PROFILE	H - 59
1	S80-401	KAVT VAY KAPAMA PR. / TRAN. SLOT CO.	H - 101
1	S80-402	SANITLU KAPAK / COVER FOR RABD SIDE	H - 101
2	S80-402	SANITLU KAPAK / COVER FOR RABD SIDE	L/2 - 62
1	S80-403	KANIT VAY KANLIĞI / SASH SIDE COVER	H - 72
2	S80-408	HİDRAAMA PROFİLİ / AINSER PROFILE	L - 60
2	S80-408	HİDRAAMA KAPAK PR. / AINSER COVER PR.	L - 60
2	W-520	DÜŞEY CAM OTAS / VERT. GLAZING BRAD	H - 230
2	W-516	DÜŞEY CAM OTAS / VERT. GLAZING BRAD	H - 109
2	W-520	VAY KANAL OTAS / HORIZ. GLAZING BRAD	L/2 - 81
2	W-516	VAY KANAL OTAS / HORIZ. GLAZING BRAD	L/2 - 81
2	S3-514	SİNEKLİK KANIT PR. / INSECT SCREEN SASH	L/2 + 89.3 - H - 08
2	S80-411	SİNEKLİK KASA BR. / INSECT SCREEN FRAME	L - 8 - H - 8
2	S80-408	SANITLU KAPAK PR. / COVER FOR RABD SIDE	L - 8 - H - 8
1	W-501	ÜST DÜMBALEK PR. / TOP-BOTTOM PR.	L



### KULLANIM ŞARTLARI

Profiller, folyolu muhafaza edilmeli, folyoları inşaat bitiminde çıkartılmalıdır. Kireç ve çimento gibi inşaat malzemeleri alüminyum yüzeylerle temas etmemelidir.

Profiller binaya uygulandıktan sonra düzenli aralıklarla temizlenmelidir. Profillerin temizliği, hafifçe sabunlu ılık su ve/veya bu suyla ıslatılmış yumuşak bir bez ile yapılmalı, deterjan, çamaşır suyu, zımpara, tel fırça ve aşındırıcı, alkali, asidik temizleyici kullanılmamalıdır.

Sistem için önerilen aksesuar ve sarf malzemeleri katalogda belirtilen biçimde uygulanmalı ve tüm aksesuarları eksiksiz olarak kullanılmalıdır.

Sistemin katalogda belirtilen fitilleme, silikonlama, su tahliyesi ve havalandırma metodlarına uyulmalıdır. İlave her türlü uygulama için Sistem Alüminyum'dan destek ve onay alınmalıdır.

### GARANTİ KOŞULLARI

Profiller, yukarıda belirtilen şartlara uygun biçimde kullanılmış ve hiçbir şekilde mekanik hasara veya deformasyona uğramamış ise, herhangi bir kusur durumunda, garantimiz yalnız kusurlu parçaların de-montajı, tekrar üretimi, tekrar eloksali ve tekrar yerine takılması ile sınırlı olacaktır. Yukarıda bahsedilmeyen konular iş hukukuna tabidir.

Mimari sistem kataloğunda belirtilmeyen veya Sistem Alüminyum'un onay vermediği aksesuar ve sarf malzemesi kullanımından doğabilecek her türlü sorumluluk uygulamacı firmaya aittir.

Mimari sistem kataloğunda belirtilen detay ve sistem çözümleri haricindeki uygulamalar için Sistem Alüminyum'un onayı alınmalıdır. Aksi takdirde bu uygulamalardan meydana gelebilecek problem ve aksaklıklardan Sistem Alüminyum sorumlu değildir.

### TERMS OF SERVICE

Profiles must be protected with folio tapes and they must be taken out when the structure was finished. Building materials as similar lime and cement must not be touched with the aluminium surfaces.

The profiles must be cleaned periodically after the structure was finished. Cleaning of profiles must be done by the fabric that was damped with warm water and soap. Don't use detergent, chlorine water, emery, wire brush, abrasive, base, acidic cleaner.

Accessories and consumables should be applied as shown at the catalogue and used completely.

Glazing, siliconing, water drainage and ventilation methods specified on the catalogue should be applied completely. Any type of the additional methods should be approved by Sistem Aluminium.

### TERMS OF WARRANTY

If the profiles was used according to terms of service and they have no mechanical damage or deformation, in any defect situation, our warranty is limited by disassembly, re-product, re-eloxal, re-assembly of faulty pieces. These are subjected to labor law.

Builder is responsible for all conditions by using of accessories and consumables that did not confirmed by Sistem Aluminium are not mentioned in catalogue of Architectural System.

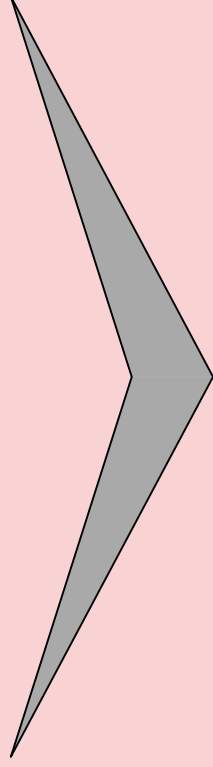
Confirmation must be taken from Sistem Aluminium for applications without details and system solutions that are mentioned in catalogue of architectural sytem. If not Sistem Aluminium is not responsible because of any wrong applications.





# SERTIFIKALAR

# CERTIFICATES







# SERTİFİKA



## ISO 50001:2018'e göre yönetim sistemi

Belgelendirme prosedürleri doğrultusunda ve düzenlemeler ile uyumlu uygulamaların kanıtlanması ile



**SİSTEM ALÜMİNYUM SANAYİ VE TİCARET A.Ş.**  
Ergene-1 OSB, Vakıflar OSB Mh. D100 Cd.  
No:13/1  
Ergene - Tekirdağ / Türkiye

Unvanlı kuruluşun, belirtilen standartta göre, aşağıdaki geçerlilik alanında bir yönetim sistemi uyguladığı belgelenmektedir.  
Geçerlilik alanı:

Ekstrüzyon yöntemiyle alüminyum profillerin üretimi, eloksal ve elektrostatik boya kaplama işlemleri, transfer kaplama, profillerin mekanik işlenmesi, dövme pres, alüminyum biyet dökümü ve kompozit panel üretimi

Sertifika Tescil No: TIC 15 275 20231/1 2023-12-10 tarihine kadar geçerli  
2020-12-11 tarihinden itibaren

Tetkik Raporu No: 3330 3CLA A0

İşbu sertifikasyon TIC tetkik ve belgelendirme prosedürlerine göre gerçekleştirilmiştir ve düzenli aralıklarla yapılan gözetim tetkiklerine tabidir. Bu sertifika, ana sertifika ile birlikte geçerlidir.

  
TUV Thüringen e.V.  
Sistem ve Personal  
Beygelendirme Kurumu



Jena, 2020-12-11



Düzenli güncel: [www.tuv-thueringen.de](http://www.tuv-thueringen.de) | adresinden sorgulanabilir.  
Zentrale Geschäftsstelle der TÜV Thüringen e.V. • Ernst-Ruhoff-Str. 8 • D-07746 Jena • M +49 3641 20030 • F +49 3641 200310 • [cert@tuv-thueringen.de](mailto:cert@tuv-thueringen.de)

# SERTİFİKA



## ISO 9001:2015, ISO 14001:2015 ve ISO 45001:2018'e göre yönetim sistemi

Belgelendirme prosedürleri doğrultusunda ve düzenlemeler ile uyumlu uygulamaların kanıtlanması ile



**SİSTEM ALÜMİNYUM SANAYİ VE TİCARET A.Ş.**  
Ergene-1 OSB, Vakıflar OSB Mah.  
D100 Caddesi No:13 / 1  
Ergene – Tekirdağ / Türkiye

Unvanlı kuruluşun, belirtilen standartta göre, aşağıdaki geçerlilik alanında bir yönetim sistemi uyguladığı belgelenmektedir.  
Geçerlilik alanı:

Ekstrüzyon yöntemine göre alüminyum profillerin imalatı, eloksal ve elektrostatik boya kaplama profillerin imalatı, alüminyum profillerin boyanması, ahşap desen kaplanması, eloksal kaplanması, mekanik işlenmesi, alüminyum biyet dökümü imalatı, kompozit panel imalatı ve dövme pres ile imalat

Sertifika Tescil No: TIC 15 100 64050/1 2024-06-06 tarihine kadar geçerli  
TIC 15 104 191736/1 2021-06-18 tarihinden itibaren  
TIC 15 118 19052/1

Tetkik Raporu No: 3330 28AW P0

İşbu sertifikasyon TIC tetkik ve belgelendirme prosedürlerine göre gerçekleştirilmiştir ve düzenli aralıklarla yapılan gözetim tetkiklerine tabidir. Bu sertifika, ana sertifika ile birlikte geçerlidir.

  
TUV Thüringen e.V.  
Sistem ve Personal  
Beygelendirme Kurumu



Jena, 2021-06-18



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# CERTIFICATE



## for the management system according to ISO 9001:2015 and ISO 14001:2015 and ISO 45001:2018

The proof of the conforming application with the regulation was furnished and in accordance with certification procedure it is certified for the company



**SİSTEM ALÜMİNYUM SANAYİ VE TİCARET A.Ş.**  
Akçaburgaz Mah. 3055. Sokak No:4  
Esenyurt – İstanbul / Turkey  
with branch (see enclosure)

### Scope

Manufacturing and sales of aluminum profiles according to extrusion method, painting of aluminum profiles, wood pattern transfer coating, anodizing, mechanical processing, casting of aluminum billet, composite panel manufacturing and forging press manufacturing

TIC 15 100 64050 Valid until: 2024-06-06  
Certificate Registration No.: TIC 15 104 191736 Valid from: 2021-06-18  
TIC 15 118 19052

Audit Report No.: 3330 28AW P0

This certification was conducted in accordance with the TIC auditing and certification procedures and is subject to regular surveillance audits.

  
TUV Thüringen e.V.  
Certification body for  
systems and personnel



Jena, 2021-06-18



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Warringtonfire  
Hivecroft Road  
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WA1 2SQ

T: +44 (0)1275 455116  
info:warringtonfire@warringtonfire.com  
warringtonfire.com



**Title:**  
CLASSIFICATION OF REACTION TO  
FIRE PERFORMANCE  
IN ACCORDANCE WITH  
EN 13501-1:2009+A2: 2009

**Report No:**  
WF 40340

**Issue No:**  
1

**Prepared for:**  
SİSTEM ALUMİNYUM SAN VE TİC A.Ş.  
Ergene 1 OSB, Vakıflar OSB Mah,  
D100 Caddesi  
No:13/1 Ergene  
TEKİRDAĞ 59100,  
TR

**Date:**  
12th February 2023

Fire Behaviour	Smoke Production	Flaming Droplets
A2	s 1	d 0

i.e. A2 – s1, d0

### 4.3 Field of application

This classification is valid for the following end use applications:

- Construction applications- External façade
- Construction applications applied over any substrate with a minimum density of 80kg/m<sup>3</sup>, having a minimum thickness of 11mm and a fire performance of A2-s1,d0

This classification is also valid for the following product parameters:

Core type, thickness and density	No variation allowed
Joints	No joints allowed in end-use construction
Adhesive quantity and type	No variation allowed
Surface coating colour	RAL9006- Silver only
Product composition	No variation allowed
Product construction	No variation allowed
Mounting and fixing details	No variation allowed
Air gap details	≥40mm allowed

### SIGNED

Euan Gardner  
Junior Certification Engineer  
Technical Department

### APPROVED

Janet Murrell  
Technical Manager  
Technical Department  
On behalf of Warringtonfire

Warringtonfire Testing and Certification Limited  
Registered in England and Wales  
Registered Office: 10 Lever Grove/ner Place, London, United Kingdom, SW1V 2DL  
Company Registration No: 11375426



**TÜRK STANDARLARI ENSTİTÜSÜ**  
TÜRK STANDARLARINA UYGUNLUK BELGESİ  
**TURKISH STANDARDS INSTITUTION**  
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı / Description of the Mark  
TSE

**BELGE NUMARASI**  
REFERENCE NUMBER OF LICENCE 009277-TSE-0860

**BELGENİN İLK VERİŞİ TARİHİ**  
DATE OF FIRST ISSUE OF LICENCE 21.04.2009

**BELGENİN SON GEÇERLİLİK TARİHİ**  
LICENCE VALID UNTIL 03.04.2022

**BELGE SAHİBİ KURULUŞUN ADI**  
NAME OF THE LICENCE HOLDER SİSTEM ALÜMİNYUM SANAYİ VE TİCARET ANONİM ŞİRKETİ

**BELGE SAHİBİ KURULUŞUN ADRESİ**  
ADDRESS OF THE LICENCE HOLDER Akşarbağlar Mah.3055. Sokak No:4 34522 Esenyurt İSTANBUL/TÜRKİYE

**ÜRETİM YERİ ADI**  
NAME OF THE MANUFACTURING PLACE SİSTEM ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

**ÜRETİM YERİ ADRESİ**  
ADDRESS OF THE MANUFACTURING PLACE Ergene-İ OSB, Vakıflar OSB Mah. D100 Caddesi No:13/1 Ergene/TEKİRDAĞ 5993 İSTANBUL / TÜRKİYE

**İPTAL EDİLEN BELGE NUMARASI (Varsa)**  
INDICATION OF SUPERSEDED LICENCE (if any) 009277-TSE-0862

**TESİSİLLİ TİCARİ MARKASI**  
REGISTERED TRADE MARK SİSTEM ALÜMİNYUM SAN VE TİC.A.Ş.

**İLGİLİ TÜRK STANDARLARI**  
RELATED TURKISH STANDARD TS 4922 / 15.01.2018

**BELGE KAPSAMI**  
SCOPE OF LICENCE Alüminyum veya Alüminyum Alaşımlarının Anodik Oksidasyon İşlemi ile Kaplanması  
Kaplama kalınlığı en az: AA 10  
Kimyasal Değleme işlemi tatbiki edilmiş (E6)

e-İmzalı/signed

08.04.2021

Belgelendirme Merkezi Başkanı Adına  
AHMET NURSI KARTAL

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<https://www.tse.org.tr/BelgeBelgelendirme.aspx?print=trk> adresinden belgeyi doğrulamaya ve geçerliliğini sorgulamaya.



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**TURKISH STANDARDS INSTITUTION**  
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı / Description of the Mark  
TSE

**BELGE NUMARASI**  
REFERENCE NUMBER OF LICENCE 009277-TSE-0305

**BELGENİN İLK VERİŞİ TARİHİ**  
DATE OF FIRST ISSUE OF LICENCE 22.03.2011

**BELGENİN SON GEÇERLİLİK TARİHİ**  
LICENCE VALID UNTIL 11.04.2022

**BELGE SAHİBİ KURULUŞUN ADI**  
NAME OF THE LICENCE HOLDER SİSTEM ALÜMİNYUM SANAYİ VE TİCARET ANONİM ŞİRKETİ

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**ÜRETİM YERİ ADI**  
NAME OF THE MANUFACTURING PLACE SİSTEM ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

**ÜRETİM YERİ ADRESİ**  
ADDRESS OF THE MANUFACTURING PLACE Ergene-İ OSB, Vakıflar OSB Mah. D100 Caddesi No:13/1 Ergene/TEKİRDAĞ / TÜRKİYE

**İPTAL EDİLEN BELGE NUMARASI (Varsa)**  
INDICATION OF SUPERSEDED LICENCE (if any) 009277-TSE-0304

**TESİSİLLİ TİCARİ MARKASI**  
REGISTERED TRADE MARK SİSİM - SİSTEM ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

**İLGİLİ TÜRK STANDARLARI**  
RELATED TURKISH STANDARD TS EN 755-1:2015 / 08.12.2016

**BELGE KAPSAMI**  
SCOPE OF LICENCE Alüminyum ve alüminyum alaşımların Ekstrüzyonla imal edilmiş PROFİLLER  
EN AYI 6060 ve EN AYI 6063 alaşımlarından imal edilmiş

e-İmzalı/signed

08.04.2021

Belgelendirme Merkezi Başkanı Adına  
AHMET NURSI KARTAL

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

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**TÜRK STANDARLARI ENSTİTÜSÜ**  
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Markanın Tanımı / Description of the Mark  
TSE

**BELGE NUMARASI**  
REFERENCE NUMBER OF LICENCE 009277-TSE-0703

**BELGENİN İLK VERİŞİ TARİHİ**  
DATE OF FIRST ISSUE OF LICENCE 19.10.2009

**BELGENİN SON GEÇERLİLİK TARİHİ**  
LICENCE VALID UNTIL 11.04.2022

**BELGE SAHİBİ KURULUŞUN ADI**  
NAME OF THE LICENCE HOLDER SİSTEM ALÜMİNYUM SANAYİ VE TİCARET ANONİM ŞİRKETİ

**BELGE SAHİBİ KURULUŞUN ADRESİ**  
ADDRESS OF THE LICENCE HOLDER Akşarbağlar Mah.3055. Sokak No:4 34522 Esenyurt İSTANBUL/TÜRKİYE

**ÜRETİM YERİ ADI**  
NAME OF THE MANUFACTURING PLACE SİSTEM ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

**ÜRETİM YERİ ADRESİ**  
ADDRESS OF THE MANUFACTURING PLACE Ergene-İ OSB, Vakıflar OSB Mah. D100 Caddesi No:13/1 Ergene/TEKİRDAĞ 5993 İSTANBUL / TÜRKİYE

**İPTAL EDİLEN BELGE NUMARASI (Varsa)**  
INDICATION OF SUPERSEDED LICENCE (if any) 009277-TSE-0702

**TESİSİLLİ TİCARİ MARKASI**  
REGISTERED TRADE MARK SİSTEM ALÜMİNYUM SAN VE TİC.A.Ş. + ŞEKLİ

**İLGİLİ TÜRK STANDARLARI**  
RELATED TURKISH STANDARD TS EN 12620-1 / 02.03.2010

**BELGE KAPSAMI**  
SCOPE OF LICENCE Alüminyum ve alüminyum alaşımların - EN AW- 6060 ve EN AW- 6063 alaşımlarından ekstrüzyon ile imal edilmiş HASSAS PROFİLLER  
EN AW- 6060 ve EN AW- 6063 alaşımlarından imal edilmiş, 161 bar/yarış ve 161 Bar/yarışlı hassas profiller

e-İmzalı/signed

08.04.2021

Belgelendirme Merkezi Başkanı Adına  
AHMET NURSI KARTAL

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

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<https://www.tse.org.tr/BelgeBelgelendirme.aspx?print=trk> adresinden belgeyi doğrulamaya ve geçerliliğini sorgulamaya.



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**TSE COVID-19**  
**SAFE PRODUCTION CERTIFICATE**



**TURKISH STANDARDS INSTITUTION**

verifies that

**SİSTEM ALÜMİNYUM SAN VE TİC A.Ş**  
ERGENE-İ OSB VAKIFLAR OSB MAH D100 CAD NO:13/1 ERGENE/TEKİRDAĞ

has been entitled to receive TSE COVID-19 SAFE PRODUCTION CERTIFICATE by fulfilling TSE COVID-19 HYGIENE INFECTION PREVENTION AND CONTROL CERTIFICATION PROGRAM.

Certificate Number : OU-İST-20920

Issue Date : 12.10.2021

Valid Until : 12.10.2022



Ahmet Nursi Kartal  
Istanbul Certification Manager

This certificate is issued in accordance with the Law No. 102 on the establishment of the Turkish Standards Institute and is valid only for the organization address given above.

0410100011000002

**СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р**  
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

**СЕРТИФИКАТ СООТВЕТСТВИЯ**

№ РОСТ.ТН.ВАЗ.1803297  
Срок действия с 27.12.2018 по 26.12.2021  
№ 0322539

ОРГАН ПО СЕРТИФИКАЦИИ **КАЛИБРИНАМ**

Орган по сертификации: ООО "ТИС" Адрес: 236038, РОССИЯ, Калининградская область, г. Калининград, ул. Ю. Гагарина, д. 18, стр. 1, оф. 3, 4, 5. Телефон: 8-917-623-5741, адрес электронной почты: ts@tis@yandex.ru

**ПРОДУКЦИЯ** АЛ; ПЛЭН-продукты алюминия алюминовый алюминовый лист с интервалом алюминовый лист толщиной от 4 мм до 6 мм, Тислен алюминовый лист толщиной от 4 мм до 6 мм, В; ПЛЭН-продукты алюминия алюминовый алюминовый лист с интервалом алюминовый лист толщиной от 3 мм до 6 мм. Типовая алюминовый лист толщиной от 4,5 мм до 6,5 мм" АЛUTECHEBOND 100 АЛ, АЛUTECHEBOND 100 В1 Серийный выпуск.

**СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ** Технической документации на изделие

**ИЗГОТОВИТЕЛЬ** SYSTEM ALUMINIUM SANAYI VE TICARET A.S. Адрес: ТУРЦИЯ, ERGENE - 1 OSB, VAKIFLAR OSB MAH. D100 CAD. NO:131/ ERGENE TEKDAG - TURKEY, телефон/факс: 0212 896 87 87, адрес электронной почты: sistem@systemaluminum.com.tr

**СЕРТИФИКАТ ВЫДАН** SYSTEM ALUMINIUM SANAYI VE TICARET A.S. Адрес: ТУРЦИЯ, ERGENE - 1 OSB, VAKIFLAR OSB MAH. D100 CAD. NO:131/ ERGENE TEKDAG - TURKEY, телефон/факс: 0212 896 87 87, адрес электронной почты: sistem@systemaluminum.com.tr (EMLAK).

**НА ОСНОВАНИИ** Протокол испытаний № 002-V-2712/18 от 27.12.2018 года, выданный Испытательной лабораторией "Орикс" (аттестат аккредитации РОСТ.RU.31175.640.030.10765)

**ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ**

Руководитель органа: С.Е. Озеров  
Эксперт: Н.Р. Демин

Сертификат не применяется при обязательной сертификации

**СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р**  
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

**СЕРТИФИКАТ СООТВЕТСТВИЯ**

№ РОСТ.ТН.ВАЗ.02023  
Срок действия с 26.03.2018 по 26.03.2021  
№ 2095444

ОРГАН ПО СЕРТИФИКАЦИИ рег. № ИА.ЛУ.118/01  
Федерация Обществ с ограниченной ответственностью "Гарант-Тест". Место нахождения: Российская Федерация, 125034, город Москва, Волоколамское шоссе, дом 73, флигельный адрес: Российская Федерация, 125034, город Москва, улица Тархова, дом 20, строение 1, этаж 6, помещение № 16, комната № 1, помещение № 1 комната № 4, телефон: +74957413350, электронная почта: garant-test@yandex.ru. Аттестат аккредитации № ИА.ЛУ.118/01, выдан 02.06.2017 года

**ПРОДУКЦИЯ** Листы облицовочные алюминиевые алюминовый с интервалом от ПЛЭН или ПЛЭНТ облицовочный лист от 3 мм до 6 мм, толщина алюминовый лист от 0,18 мм до 0,50 мм, марки ALUTECHEBOND 100, ALUTECHEBOND 200, ALUTECHEBOND 300, ALUTECHEBOND 400. Серийный выпуск.

**СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ** ГОСТ 2208-2007. Фольга, листы, фольсы, листы и фольги алюминовый. Технические условия (с Изменениями N 1)

**ИЗГОТОВИТЕЛЬ** SYSTEM ALUMINIUM SANAYI VE TICARET A.S. Место нахождения и адрес места осуществления деятельности: ERGENE - 1 OSB, VAKIFLAR OSB MAH. D100 CAD. NO:131/ ERGENE TEKDAG-TURKEY, Турция

**СЕРТИФИКАТ ВЫДАН** SYSTEM ALUMINIUM SANAYI VE TICARET A.S. Место нахождения и адрес места осуществления деятельности: ERGENE - 1 OSB, VAKIFLAR OSB MAH. D100 CAD. NO:131/ ERGENE TEKDAG-TURKEY, Турция

**НА ОСНОВАНИИ** Протокол испытаний № СДС403218-80/1 от 26.03.2018 года, выданного Испытательной лабораторией Общества с ограниченной ответственностью "ГСТ-ГРУП", аттестат аккредитации РОСТ.RU.31112.851.002/1

**ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ**

Руководитель органа: Кветковская Анастасия Васильевна  
Эксперт: Пономарев Илья Дмитриевич

Сертификат не применяется при обязательной сертификации

**РОССИЙСКАЯ ФЕДЕРАЦИЯ**  
**СЕРТИФИКАТ СООТВЕТСТВИЯ**  
(обязательная сертификация)

№ С-ТР.1825.В.03035 ТР 1388075

**ЗАЯВИТЕЛЬ** "SYSTEM ALUMINIUM SANAYI VE TICARET A.S.". Адрес: Sakirli Mevki Akatlarca Mah. 38. Sok. No:4 Kat:3/Banyu/ISTANBUL 34522, Турция. Телефон: +90 212 896 87 87, факс: +90 212 896 53 26, e-mail: sistem@systemaluminum.com.tr

**ИЗГОТОВИТЕЛЬ** "SYSTEM ALUMINIUM SANAYI VE TICARET A.S.". Адрес: Sakirli Mevki Akatlarca Mah. 38. Sok. No:4 Kat:3/Banyu/ISTANBUL 34522, Турция. Телефон: +90 212 896 87 87, факс: +90 212 896 53 26. Адрес производства: Erzene-1 OSB, VAKIFLAR OSB MAH. IZANBUL CADDESI NO:21/A/A ERGENE/TEKDAG 39930, Турция

**ОРГАН ПО СЕРТИФИКАЦИИ** ОС "ТИС СЕРТ" ООО "Технологии пожарной безопасности", Россия, 141213, Московская область, г. Сергиев Посад, Московское шоссе, д.25, тел. (495) 4091724, info@tis-cert.ru, ОГРН: 5045038002906. Аттестат аккредитации № ТРПБ.РУ.1825 выдан 03.10.2013 Федерацией служб по аккредитации "Росаккредитация".

**ВОДОУПОРЖАЮЩИЙ ЧЛД** Листы облицовочные алюминовый с интервалом от алюминовый лист толщиной от 3 мм до 6 мм, марки ALUTECHEBOND, "ALUTECHEBOND", "RETTECHBOND", алюминовый алюминовый лист "ALUTECHEBOND". Серийный выпуск.

**СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ ТЕХНИЧЕСКОГО РЕГЛАМЕНТА** Технический регламент о требованиях пожарной безопасности (Федеральный закон от 22.07.2008 N 123-ФЗ). Класс пожарной опасности прокладочных материалов - СМ5, см. Приложение №1 (класс № 053475)

**ПРОВЕДЕНИЕ ИССЛЕДОВАНИЙ** Протокол сертификационных испытаний № 3269-ОТР от 06.04.2015 г. ИЛ (ИСПЫТАНИЕ) И ИЗМЕРЕНИЯ "ТИС ТЕСТ" ООО "Технологии пожарной безопасности", № ТРПБ.РУ.2014 от 23.08.2010 г.

**ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ** Сертификат соответствия № 291-АД от 13.05.2014 г. ОС "ТИС СЕРТ" ООО "Технологии пожарной безопасности", ТРПБ.РУ.1825 от 03.10.2013 г.

**СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ** с 07.04.2015 по 06.04.2020

Руководитель органа: Ю.Н. Гринев  
Эксперт (эксперт): Д.А. Катрасов

**70lati**  
Instytut Techniki Budowlanej  
Instytut Techniki Budowlanej  
Instytut Techniki Budowlanej

**KLASYFIKACJA W ZAKRESIE REAKCJI NA OGIEŃ wg PN-EN 13501-1+A1:2010**

Numer umowy: 02909/14/Z00NP

<b>Zleconiodawca:</b>	MGT Corp. Sp. z o.o. ul. Wypielarskiego 37 32-050 Skawina
<b>Opracowana przez:</b>	Zakład Badań Ogniwowych Instytutu Techniki Budowlanej ul. Filtrów 1 00-611 Warszawa
<b>Nazwa wyrobu:</b>	Płyty Alutechbond FR (płaskie)
<b>Raport klasyfikacyjny nr:</b>	02909.2/14/Z00NP
<b>Wydanie numer: 1</b>	Exemplarz nr: 1
<b>Data wydania:</b>	2015.06.09

Niniejszy raport klasyfikacyjny składa się z pięciu stron, może być używany lub powielany wyłącznie w całości.

**1. Wprowadzenie**  
Niniejszy raport klasyfikacyjny określa klasyfikację nadaną dla płyt Alutechbond FR (płaskich) zgodnie z procedurami podanymi w PN-EN 13501-1+A1:2010.

**2. Szczegółowe informacje o klasyfikowanym wyrobie**  
**2.1 Postanowienia ogólne**  
Wyrób jest określony, jako okładziny ścienne.

00-011 Warszawa | ul. Filtrów 1 | tel. 22 825 84 71 | fax 22 825 82 86 | Dystryktor tel. 22 629 39 86 | 22 825 13 03 | fax 22 825 77 30 | KRS: 0000451782 (Regon): 000002602 | NIP: 625 625 03 98 | PKD B.A. Otworzenie | ul. Nowogrodzka 11 | 00-513 Warszawa | nr konta 771265568111100048134568 | www.itb.pl | info@itb.pl



ERA LABORATUVARLARI A.Ş.

ERA Yangın Test Laboratuvarı

Akredite Kuruluş  
No: AB-0330-T



**YANGINA KARŞI TEPKİSİNİN  
EN 13501-1:2007 STANDARDINA GÖRE  
SINIFLANDIRILMASI**

**Müracaat eden** : SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş.  
Çalkınlar Meriçli Akçaburgaz Cad. 58.Sok. No:4  
Kraç Büyükelmece,  
İSTANBUL/ TÜRKİYE

**Hazırlayan** : ERA LABORATUVARLARI A.Ş.  
Tümsan I. Sanayi Sitesi, B. Blok, No:25, İkithil  
Organize Sanayi Bölgesi, Küçükelmece,  
İSTANBUL, TÜRKİYE

**Ürün adı** : ALUTECH BOND - Kompozit Panel

**Sınıflandırma  
rapor no.** : ERA - 10 - 068

**Yayın numarası** : 1/2

**Yayınlanma tarihi** : 11.08.2010

Bu sınıflandırma raporu 5 sayfadan oluşmaktadır ve sadece bütün olarak kullanılabilir ya da yeniden oluşturulabilir.

Adres: Tümsan I. Sanayi Sitesi, B. Blok, No:25, İkithil Organize Sanayi Bölgesi, Küçükelmece,  
İstanbul, TÜRKİYE  
Tel: 0212 4942762 Fax: 0212 4942762 E-posta: info@erayaynetim.com  
Web: www.eraaynetim.com



EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.

Yangın Test Laboratuvarı

Akredite Kuruluş  
No: AB-0556-T

Onaylanmış Kuruluş  
No:2184



**YANGINA KARŞI TEPKİSİNİN  
TS EN 13501-1+A1:2013 STANDARDINA GÖRE  
SINIFLANDIRILMASI**

**Müracaat eden** : SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş.  
Ergene-1 OSB Vakıflar OSB Mah. D100 Cad. No:13/1  
Ergene, TEKİRDAĞ/TÜRKİYE

**Hazırlayan** : EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.  
TOSB TAYSAD Organize San. Böl. 1. CD.  
15. Yol No: 1 Şekerpınar - Çayırova  
KOCAELİ, TÜRKİYE

**Ürün adı** : ALUTECHBOND A2

**Sınıflandırma  
rapor no.** : ERA - 17 - 056

**Yayın numarası** : 1/2

**Yayınlanma tarihi** : 22.03.2017

Bu sınıflandırma raporu 5 sayfadan oluşmaktadır ve sadece bütün olarak kullanılabilir ya da yeniden oluşturulabilir.

Adres: TOSB TAYSAD Organize San. Böl. 1. CD., 15. Yol No: 1 Şekerpınar - Çayırova  
Kocaeli, TÜRKİYE  
Tel: 0212 6581662 Fax: 0212 6581669 E-posta: bilgi@effectis.com  
Web: www.effectis.com