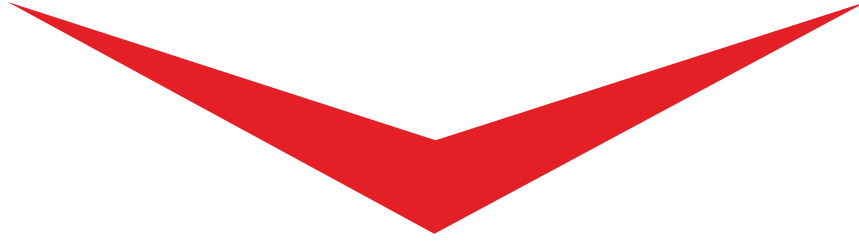




W55

YALITIMLI, MENTEŞELİ PENCERE VE KAPI SİSTEMİ
INSULATED, HINGED WINDOW AND DOOR SYSTEM



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 **Al**
A L Ü M İ N Y U M

MİMARİ SİSTEM KATALOGLARI / ARCHITECTURAL SYSTEM CATALOGUES

CEPHE & IŞIKLIK SİSTEMLERİ FACADE & SKYLIGHT SYSTEMS

F50 ENERGY YÜKSEK YALITIMLI PERFORMANS CEPHE HIGH INSULATED PERFORMANCE FACADE

F50 Energy: Kondens Sistem Kapaklı Cephe / Capped Curtain Wall System With Condensation Line
F50 Energy: Kondens Sistem Entegre Cephe / Integrated Curtain Wall System With Condensation Line
F50 Energy: Kondens Sistem Yarı Kapaklı Cephe / Semi-Capped Curtain System With Condensation Line

F50 CLASSIC YALITIMLI KLASİK CEPHE INSULATED CLASSIC FACADE

F50 Classic: Klasik Sistem Kapaklı Cephe / Classic Capped Curtain Wall System
F50 Classic: Klasik Sistem Entegre Cephe / Classic Integrated Curtain Wall System
F50 Classic: Klasik Sistem Yarı Kapaklı Cephe / Classic Semi-Capped Curtain Wall System
F50 Classic: Klasik Sistem Kasetli Silikon Cephe / Classic Silicone Curtain Wall System With Structural Cells

ÇELİK TAKVİYELİ CEPHE & IŞIKLIK SİSTEMLERİ / STEEL REINFORCED & SKYLIGHT SYSTEMS

ÇT68: Çelik Takviyeli Cephe / Steel Reinforced Curtain Wall
ÇT94: Çelik Takviyeli Cephe / Steel Reinforced Curtain Wall
SKY50: Işıklık Sistemi / Skylight System
SKY78: Işıklık Sistemi (Çelik Takviyeli) / Skylight System (Steel Reinforced)

KAPI & PENCERE SİSTEMLERİ DOOR & WINDOW SYSTEMS

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 Performace Sliding Door (ECOSLIDE)

OFİS BÖLME SİSTEMLERİ OFFICE PARTITION SYSTEMS

YALITIMSIZ SİSTEMLER / UNINSULATED SYSTEMS

OB1-120: Struktürel Ofis Bölme Sistemi / Structural Office Partition System
OB2-105: Çeçeveli Ofis Bölme Sistemi / Framed Office Partition System
OB3-83: Kapaklı Ofis Bölme Sistemi / Capped Office Partition System
OB4-45: Cam Cama Ofis Bölme Sistemi / Glass Office Partition System

CEPHE KAPLAMA FACADE CLADDING

Kompozit Panel Taşıyıcı Sistemi / Composite Panel Carriage System
Terracotta Cephe Kaplama Sistemi / Terracotta Facade Cladding System
Seramik Cephe Kaplama Sistemi / Ceramic Facade Cladding System

TAMAMLAYICI MİMARİ SİSTEMLER COMPLEMENTARY ARCHITECTURAL SYSTEMS

YALITIMSIZ SİSTEMLER / UNINSULATED SYSTEMS

Giyotin Sistem / Guillotine System
Isı Camlı Cam Balkon Sistemi / Double Glazing Balcony System
Kare Küpeşte ve Korkuluk Sistemleri / Square Railing and Balustrade Systems
Menfesz Sistemleri / Louver Systems
Pervazlı Kapı Sistemleri / Door Sill Systems
Güneş Kırıcı Sistem / Sunbreaker System
C60 Yalıtımsız Doğrama Sistemleri / C60 Uninsulated Hinged Systems

BU KATALOGDA BULUNAN MARKA VE ÜRÜNLER, SİSTEM ALUMİNYUM SAN.VE TİC.A.Ş. BÜNYESİNDE OLUŞTURULMUŞ FİKİR ESERLERİ OLUP, TÜRK PATENT ENSTİTÜSÜ TARAFINDAN TESCİLLENMİŞTİR. HİÇ BİR SURETLE İZİNSİZ ÜRETİLEMEZ, ÇOĞALTILAMAZ. AKSİ DURUMLARDA KANUNİ İŞLEM YAPILIR.
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SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş. 1994 yılında bir adet 210 ton/ay kapasiteli 800 tonluk bir pres ile İstanbul Merter'de 750 m²'lik alanda alüminyum profil imalatına başlamıştır. Sistem bugün, Ergene-Tekirdağ'da, **95.000 m²**'si kapalı **330.000 m²**'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 Eloksoal Tesisimiz için 2020 yılında yapılan ilave yatırımlarla son teknolojiye ulaşılmıştır. Müşteri özel renklerinin de çalışıldığı eloksoal 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 m²** kapasitesi olan iki üretim hattımız ile projelerinize optimum çözüm sunmaya hazırız.

Alüminyum profil sektöründe sürekli gelişmeyi ve kalıcı olmayı hedefleyen firmamız kalite sistem çalışmalarıyla da bu amaca ulaşmada hızlı adımlarla ilerlemektedir. **CE, TSE**, statik toz boya uygulamaları için **Qualicoat**, eloksoal 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,



SİSTEM ALÜMİNYUM SAN. VE TİC. A.Ş. has started to produce aluminum profiles in 1994. Sistem Alüminyum is an integrated facility that starts from mold production and includes extrusion production, electrostatic powder paint, wood coating, anodizing, mechanical processing, composite panel manufacturing and final applications. Today, the company continues its production activities with 9 aluminum extrusion press lines and 2 aluminum composite panel lines in its facilities established on an area of **95,000 m²** in Ergene-Tekirdağ. The aluminum extrusion facility has annual production capacity to 103,000 tons.

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

Facilities: Our die house department supports our current production with CNC processing centers, modern branches and qualified staff. Die production for special customer's profiles is also executed here with modern equipment. We have a huge die archive of more than **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 m²**. Aluminum Composite Panels are produced under **ALUTECHBOND®** brand in **A2, FR** and **B2** types. We are ready to offer the optimum solutions for your indoor and outdoor façade projects.

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

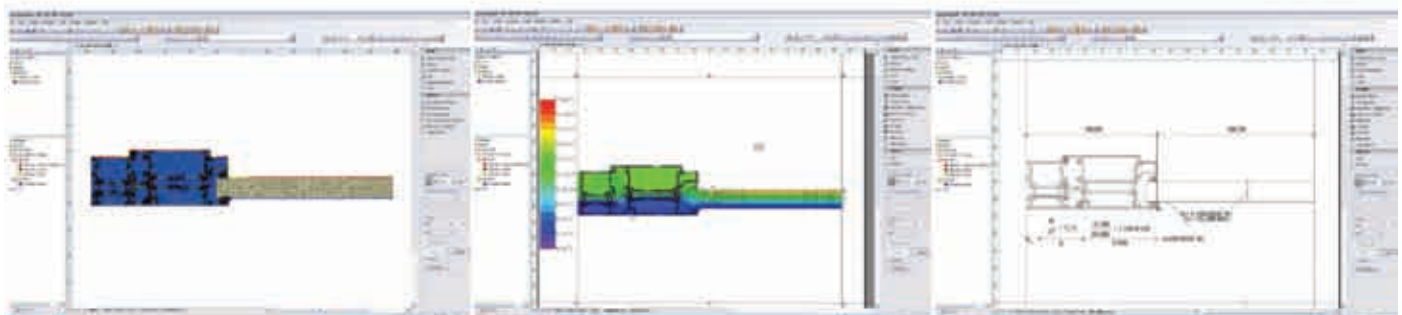
Sistem Alüminyum has also stepped into a new product area with the Aluminum Forging Press investment made in 2020. In this year, the natural gas cogeneration plant investment was completed, and most of the electrical energy needed by Sistem Alüminyum facilities will be supplied from here.

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

**Tüm teknik kataloglarımız,
ihtiyacınız olduğu her an yanınızda:**

Mobil uygulamamızı indirin, hem şirketimiz ile ilgili tüm güncel bilgileri edinin, hem de ihtiyacınız olan tüm teknik bilgileri, ciltlerce kalın kataloglar yerine cebinizde taşıyın.



- 1** Aşağıdaki kare kodları telefon veya tabletinize okutun, uygulamamızı indirin.
- 2** Uygulamamızın kataloglar menüsünden istediğiniz kataloğu seçin, dilerseniz cihazınıza indirin.
- 3** Cihazınıza indirdiğiniz katalogları, internet bağlantınız olmasa dahi, dilediğiniz zaman dilediğiniz yerde görüntüleyin.



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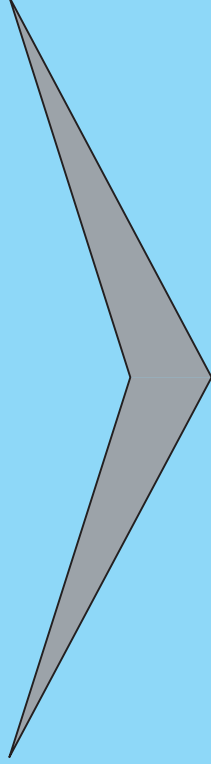
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ALÜMİNYUM

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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/cm³
Elastisite Modülü (Elasticity Modul) : 7000 kN/cm²
Kopma Mukavemeti (Yield Strenght) : 215 N/mm²
Akma Mukavemeti (Flow Strenght) : 160 N/mm²
Uzama (Elongation) : minimum 6 %
Sertlik (Hardness) : 70 HRB

3-Bariyer Hammaddesi

a-PA 66 GF 25 (25 % cam elyaf takviyeli polyamid) (25 % the manufactured from glass stiffened polyamid):

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

(The Standarts of Technical Delivery Terms Regarding Eloxsal Products)

Eloksal Tabakasının Kalınlığı (Thickness of Eloxsal 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

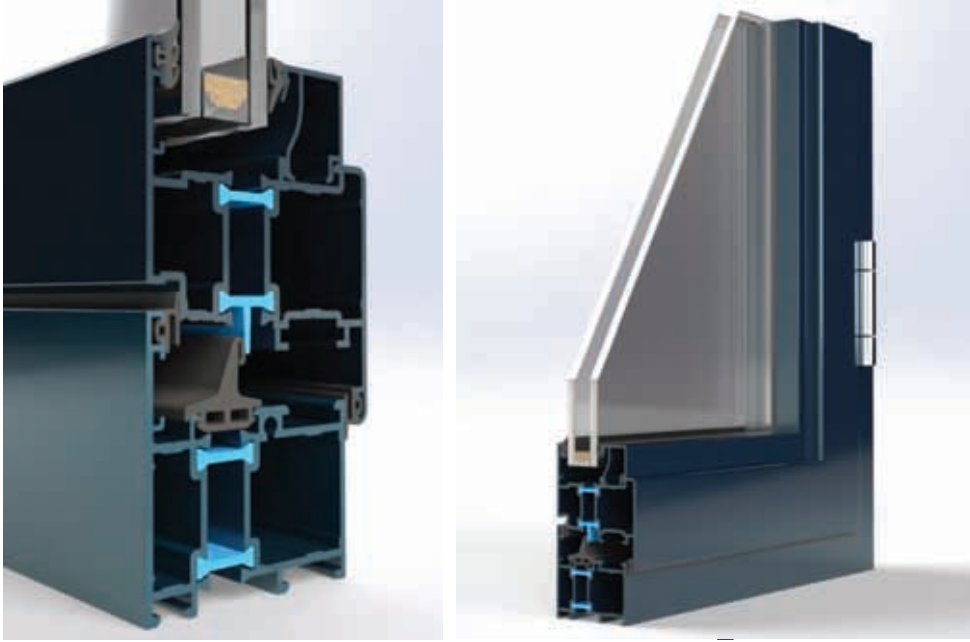
Derz fitilleri hammadde (Raw material of Gaskets for suture) : Silikon (Silicone)

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)

YALITIMLI MENTEŞELİ SİSTEM / INSULATED HINGED SYSTEM

TEKNİK ÖZELLİKLER
TECHNICAL PROPERTIES

KASA DERİNLİĞİ / FRAME DEPTH :	55 mm
KANAT DERİNLİĞİ / SASH DEPTH :	62.5 mm
PROFİL ET KALINLIĞI / PROFILE WALL THICKNESS :	1,6 mm - 1,8 mm - 2 mm
MAX. CAM KALINLIĞI / MAX. GLASS THICKNESS :	35 mm
ISI BARIYERLERİ / INSULATION BARS :	14.8 mm
ISI YALITIM DEĞERİ (Uf) / THERMAL INSULATION VALUE (Uf) :	2,74 W/m²K - 3,70 W/m²K

KULLANIM SEÇENEKLERİ
APPLICATION ALTERNATIVES

	PENCERE WINDOW	KAPI DOOR
İÇE AÇILIR BİNİLİ / INWARD OPENING STEP :	●	●
DIŞA AÇILIR BİNİLİ / OUTSIDE OPENING STEP :	●	●
İÇE AÇILIR HEMYÜZ / INWARD OPENING FLUSH :		
DIŞA AÇILIR HEMYÜZ / OUTSIDE OPENING FLUSH :		
GİZLİ KANAT / HIDDEN SASH :	●	●
ÇİFT EKSEN / TILT&TURN :	●	●
PARALEL / TILT&SLIDE :	●	●
KATLANIR / FOLDING :	●	●
PİVOT / PIVOT :	●	●

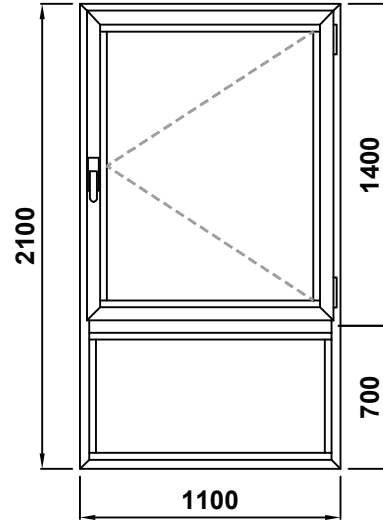
HAVA-SU-RÜZGAR TEST SONUÇLARI / AIR-WATER-WIND TEST RESULTS

- Alutech W55 sistemiyle akredite test laboratuvarında gerçekleştirilen performans test sonuçlarıdır.
These are the performance test results performed in the accredited test laboratory with the Alutech W55 system.



Test Numunesinin Ebatları

Test Sample's Dimensions



Kasa / Frame

Genişlik / Width: 1100 mm
Yükseklik / Height: 2100 mm

Açılır Kanat / Opening Vent

Genişlik / Width: 1034 mm
Yükseklik / Height: 1400 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 ($<L/300$)		

SES İZOLASYON TEST SONUÇLARI

TEST RESULTS FOR SOUND INSULATION

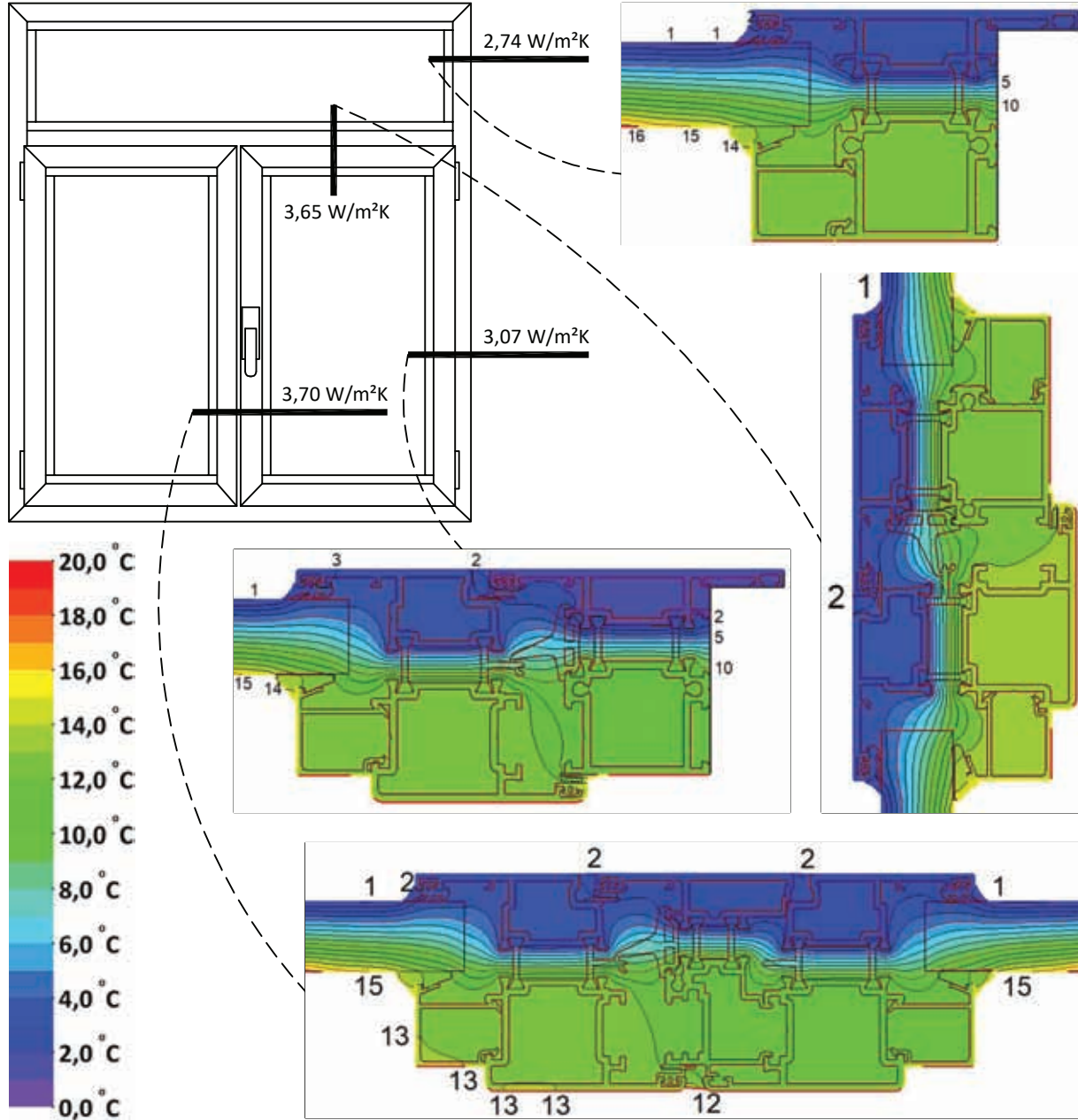
AKUSTİK PERFORMANS - EN 10140-2
(ACOUSTIC PERFORMANCE) EN 717-1

Rw (C ; Ctr) = **34** (-1; -3) dB

- ** 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.

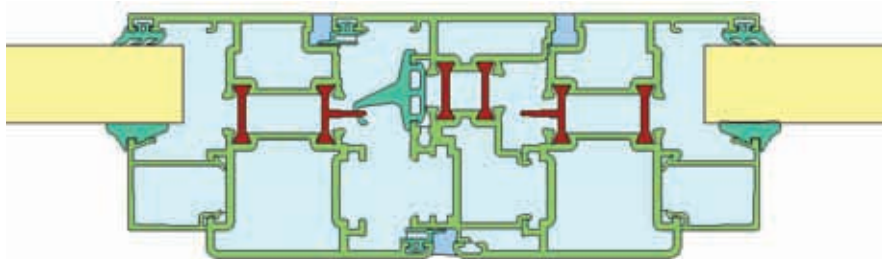
ISI YALITIM DEĞERLERİ / THERMAL INSULATION VALUES

- Alutech W55 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 Alutech W55 system.



MALZEMELER VE KESİT RENKLENDİRMELERİ / MATERIALS AND SECTION COLORINGS

Material	λ
Aluminium	160,000
EPDM	0,250
Panel	0,035
Polyamid 6.6	0,300
Slightly ventilated air cavity	
Unventilated air cavity *	
* EN ISO 10077-2:2017	



** 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-Düşey 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 değer olarak 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.)

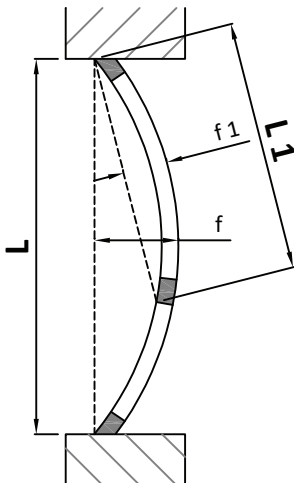
Rüzgar şekil katsayısı (Shape coefficient of wind) :

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/m²) ABSORPTION	RÜZGAR YÜKÜ (kg/m²) WIND LOAD
1.2	0 - 8	28	50	60
	9 - 20	36	80	96
	21 - 100	42	110	132
	> 100	46	130	156
1.6	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	AZAMİ 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: Düşey açıklık (Vertical clearance)

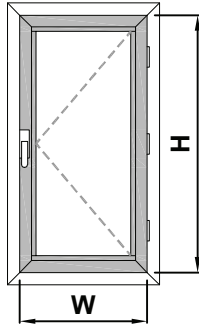
E: Elastisite modülü (Elasticity modulus)

f: Maksimum sehım (Max. deflection)

KANAT İÇİN KULLANIM LİMİTLERİ DİYAGRAMI / USAGE LIMITS DIAGRAM

8mm CAM İÇİN
(FOR 8mm GLASS)

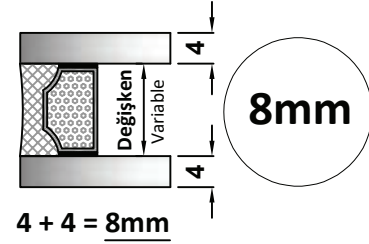
Kanat (Sash)



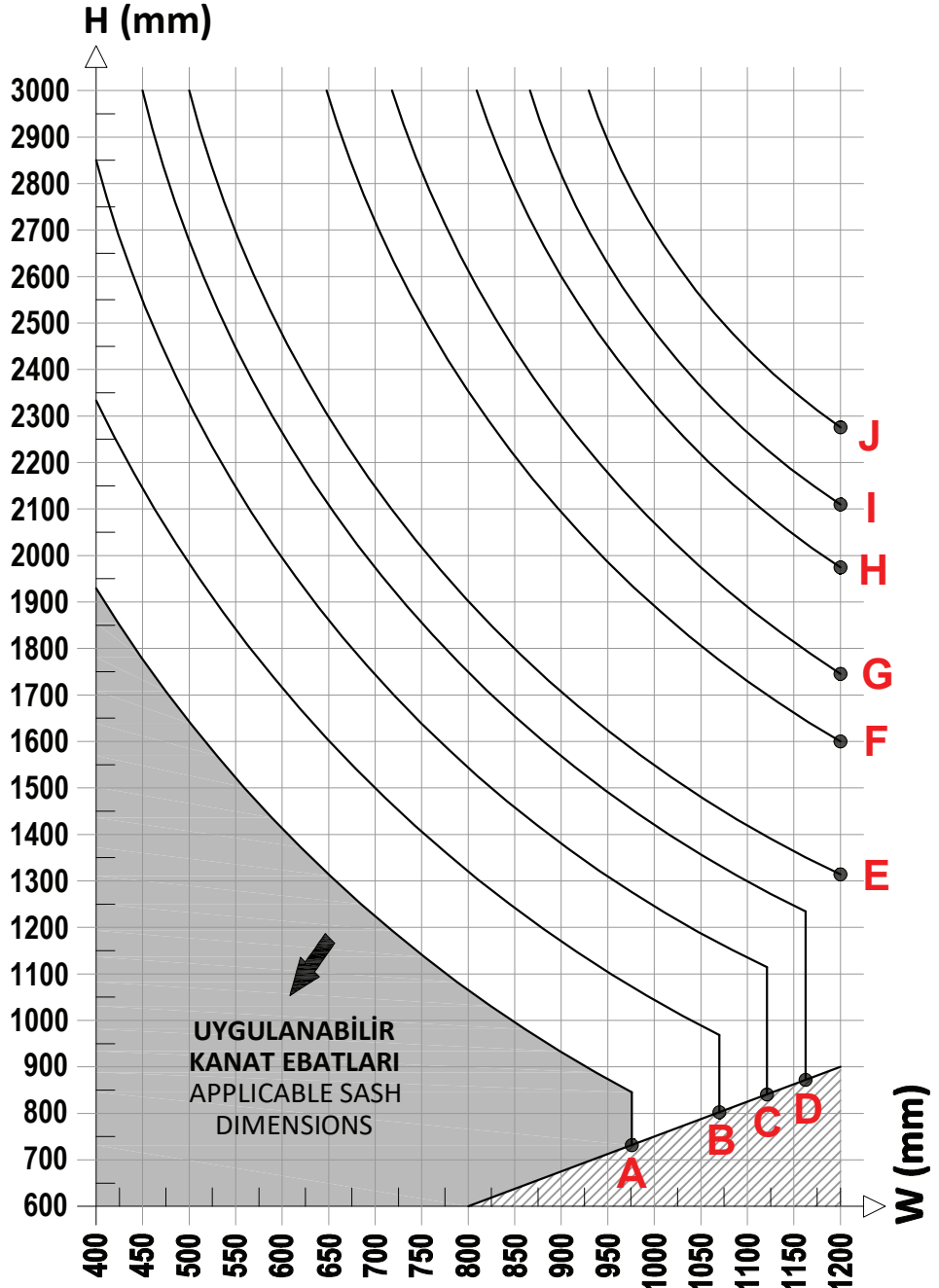
Diyagram Hakkında Bilgi (Info. About The Diag.) :

Tabloda belirtilen eğrilerin altında kalan alanlar, "uygulanabilir" kanat en x boy ölçülerini ifade etmektedir. İhtiyaç olunan en boy ölçüsüne karşılık gelen eğri, statik değerler tablosundaki harflerle gruplandırılmış olan kanat profillerinden uygun olanları göstermektedir. (Area below the curves at the table; means applicable vent dimensions. The curve of the required width x height shows the suitable vent profiles grouped seen at the static values table)

Cam Kalınlığı (Glass Thickness) :



STATİK DEĞERLER STATIC VALUES			
	KANAT PROFİL NUMARASI VENT PROFILE NUMBER	Jx (cm ⁴)	Jy (cm ⁴)
A	W1-200	14,90	5,22
	W1-201	17,15	7,66
	W3-201	19,33	8,22
B	W1-205	18,94	10,34
	W1-217	18,43	10,41
	W3-218	20,80	11,18
C	W1-202	19,70	13,79
	W1-220	21,23	14,39
	W3-202	22,56	14,97
D	W1-206	21,51	17,77
	W3-210	24,69	19,53
E	W1-203	22,23	22,59
	W3-203	25,61	24,68
F	W1-208	25,52	38,56
	W3-213	29,36	41,97
	W1-209	25,27	42,53
G	W3-212	29,01	47,17
	W1-218	26,99	50,84
H	W1-212	29,04	62,22
I	W1-210	28,95	67,71
	W3-204	33,77	68,35
J	W1-207	30,96	73,16
	W3-206	33,41	74,43
	W3-211	35,95	80,71



● LİMİT DIŞI ALAN
AREA OUT OF LIMITS

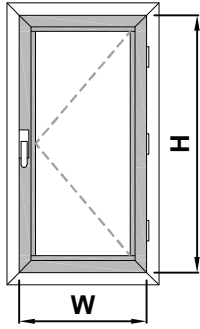
! BU SAYFALARDA BELİRTİLEN TEKNİK DEĞERLER 8MM, 12MM VE 16 MM TOPLAM CAM KALINLIĞINA AİTTİR. BUNLARDAN FARKLI CAM KALINLIKLARINA SAHİP UYGULAMALARDA SİSTEM ALÜMİNYUM'DAN BİLGİ ALABİLİRSİNİZ.

THE TECHNICAL VALUES STATED ON THESE PAGES REFER TO THE TOTAL GLASS THICKNESS OF 8MM, 12MM AND 16 MM. YOU CAN GET INFORMATION FROM SİSTEM ALÜMİNYUM ON APPLICATIONS WITH DIFFERENT GLASS THICKNESSES.

KANAT İÇİN KULLANIM LİMİTLERİ DİYAGRAMI / USAGE LIMITS DIAGRAM

12mm CAM İÇİN
(FOR 12mm GLASS)

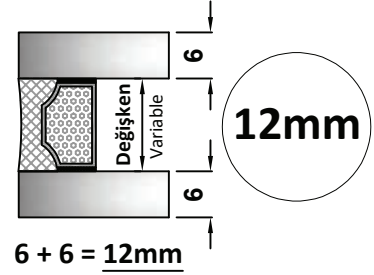
Kanat (Sash)



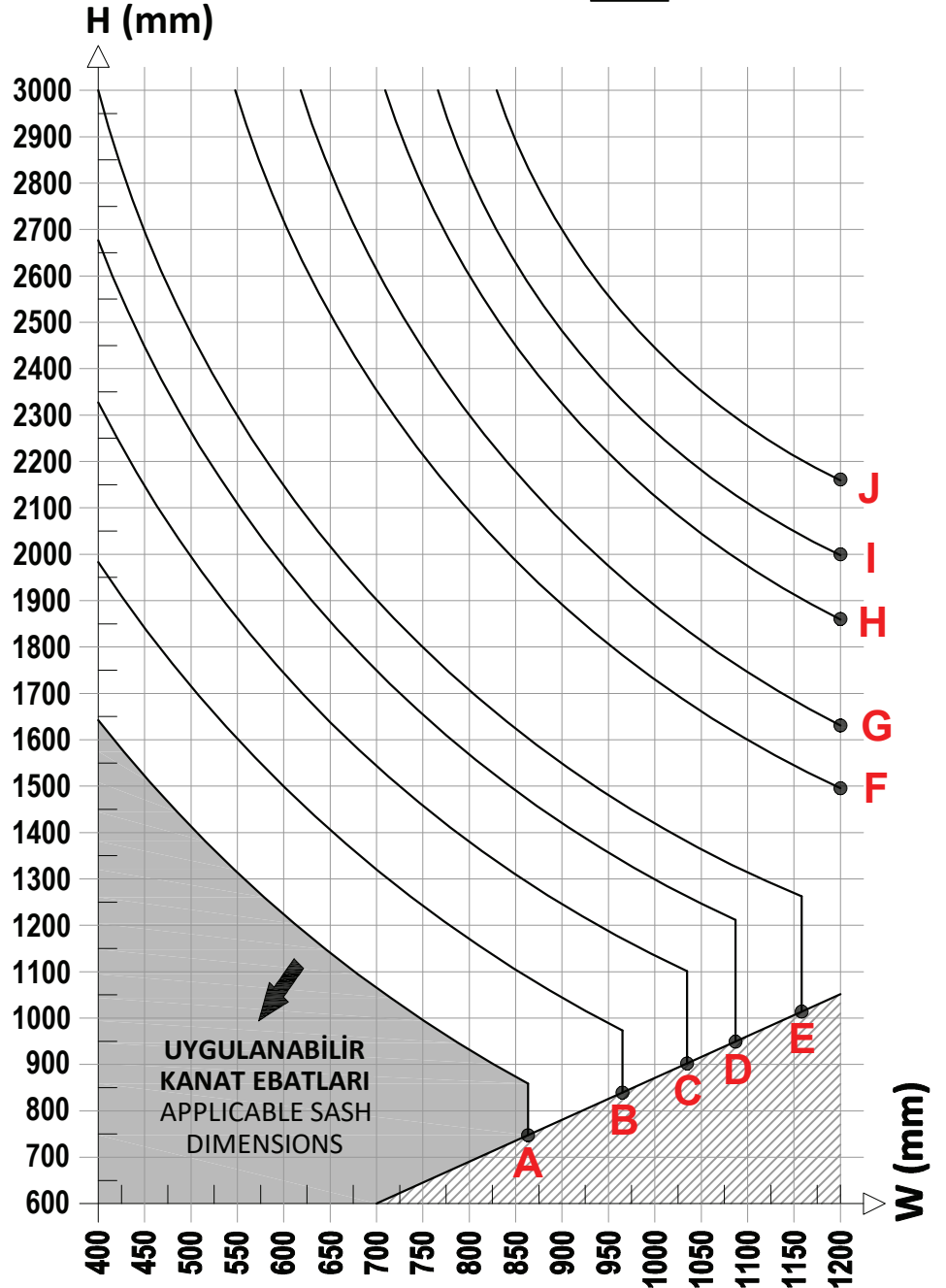
Diyagram Hakkında Bilgi (Info. About The Diag.) :

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Cam Kalınlığı (Glass Thickness) :



STATİK DEĞERLER STATIC VALUES			
	KANAT PROFİL NUMARASI VENT PROFILE NUMBER	Jx (cm ⁴)	Jy (cm ⁴)
A	W1-200	14,90	5,22
	W1-201	17,15	7,66
	W3-201	19,33	8,22
B	W1-205	18,94	10,34
	W1-217	18,43	10,41
	W3-218	20,80	11,18
C	W3-209	21,60	11,29
	W1-202	19,70	13,79
	W1-220	21,23	14,39
D	W3-202	22,56	14,97
	W1-206	21,51	17,77
	W3-210	24,69	19,53
E	W1-203	22,23	22,59
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	W1-218	26,99	50,84
H	W1-212	29,04	62,22
	W1-210	28,95	67,71
I	W3-204	33,77	68,35
	W1-207	30,96	73,16
J	W3-206	33,41	74,43
	W3-211	35,95	80,71

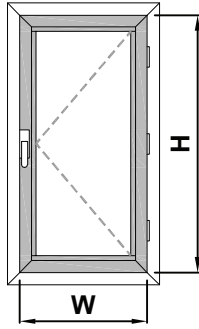


! BU SAYFALARDA BELİRTİLEN TEKNİK DEĞERLER 8MM, 12MM VE 16 MM TOPLAM CAM KALINLIĞINA AİTTİR. BUNLARDAN FARKLI CAM KALINLIKLARINA SAHİP UYGULAMALARDA SİSTEM ALÜMİNYUM'DAN BİLGİ ALABİLİRSİNİZ.
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KANAT İÇİN KULLANIM LİMİTLERİ DİYAGRAMI / USAGE LIMITS DIAGRAM

16mm CAM İÇİN
(FOR 16mm GLASS)

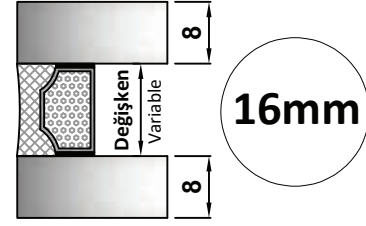
Kanat (Sash)



Diyagram Hakkında Bilgi (Info. About The Diag.):

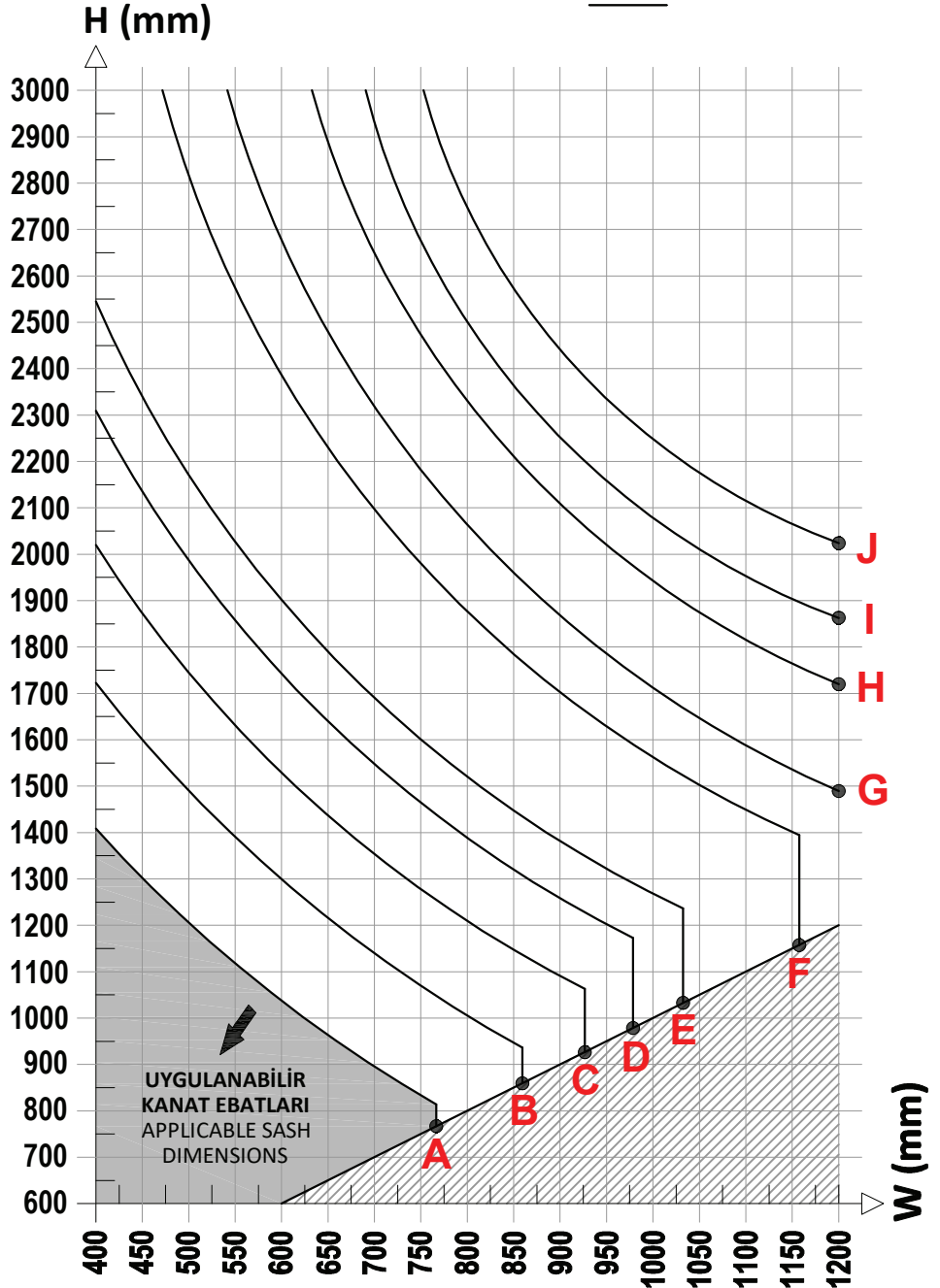
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Cam Kalınlığı (Glass Thickness):



$$8 + 8 = 16\text{mm}$$

STATİK DEĞERLER STATIC VALUES			
	KANAT PROFİL NUMARASI VENT PROFILE NUMBER	Jx (cm ⁴)	Jy (cm ⁴)
A	W1-200	14,90	5,22
	W1-201	17,15	7,66
	W3-201	19,33	8,22
B	W1-205	18,94	10,34
	W1-217	18,43	10,41
	W3-218	20,80	11,18
C	W1-202	19,70	13,79
	W1-220	21,23	14,39
	W3-202	22,56	14,97
D	W1-206	21,51	17,77
	W3-210	24,69	19,53
E	W1-203	22,23	22,59
	W3-203	25,61	24,68
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	W3-213	29,36	41,97
	W1-209	25,27	42,53
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I	W1-210	28,95	67,71
	W3-204	33,77	68,35
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	W3-206	33,41	74,43
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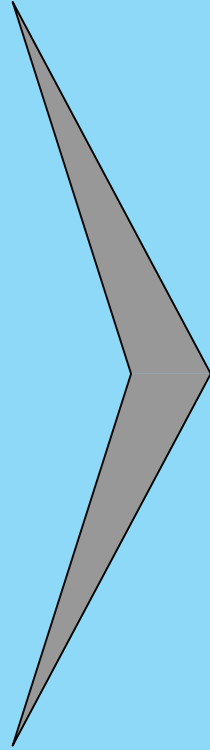


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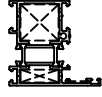
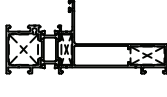
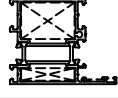
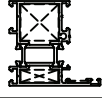
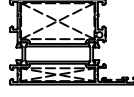
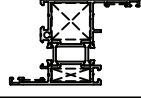
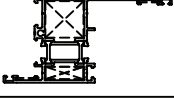
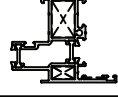
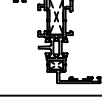
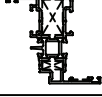
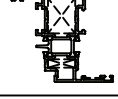
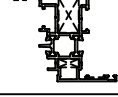
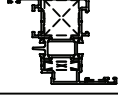
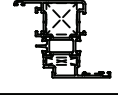
PROFİL FİHRİSTİ

PROFILE INDEX

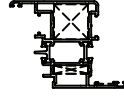
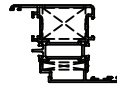
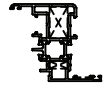
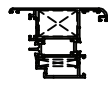
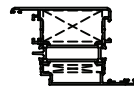
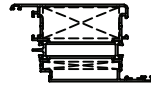
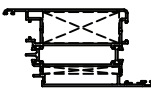
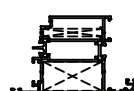
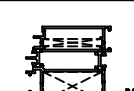
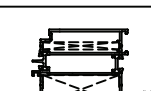
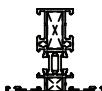
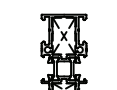
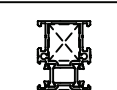
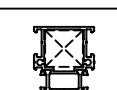


- KATALOGDA BELİRTİLEN TÖM PROFİL AĞIRLIKLARI TEORİK OLUP PROFİLLERİN PRES(HAM) HALLERİNE AİTTİR. ISI BARIYERİ ÇEŞİDİNE VEYA PROFİL YÜZEYİNDEKİ BOYA KALINLIKLARINA BAĞLI OLARAK AĞIRLIK FARKLILIKLARI OLUŞABİLMEKTEDİR. WEIGHTS IN THIS CATALOGUE ARE THEORETICAL AND BELONG TO MILL FINISH SURFACE. ACCORDING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

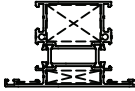
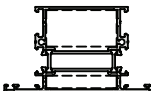
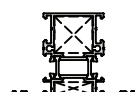
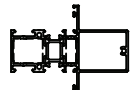
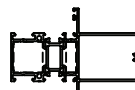
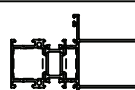
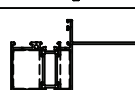
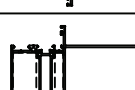
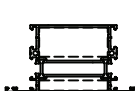
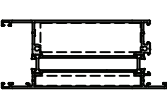
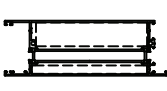
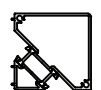
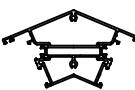
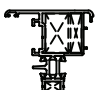
PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W1-101	KASA PROFİLİ (29 mm/1.6 mm) FRAME PROFILE		PVC 1,279	24
			POLYAMID 1,271	
W1-102	KASA PROFİLİ (39 mm/1.6 mm) FRAME PROFILE		PVC 1,453	24
			POLYAMID 1,444	
W1-108	KASA PROFİLİ (39 mm/1.6 mm) FRAME PROFILE		PVC 2,266	26
			POLYAMID 2,258	
W1-103	KASA PROFİLİ (49 mm/1.6 mm) FRAME PROFILE		PVC 1,618	25
			POLYAMID 1,609	
W1-106	KASA PROFİLİ (39 mm/1.8 mm) FRAME PROFILE		PVC 1,514	26
			POLYAMID 1,506	
W1-107	KASA PROFİLİ (82 mm/1.6 mm) FRAME PROFILE		PVC 1,843	25
			POLYAMID 1,835	
W1-105	PERVAZLI KASA PROFİLİ (64 mm/1.6 mm) FRAME PROFILE		PVC 1,570	30
			POLYAMID 1,562	
W1-104	PERVAZLI KASA PROFİLİ (89 mm/1.6 mm) FRAME PROFILE		PVC 1,679	30
			POLYAMID 1,670	
W3-106	CEPHE-PENCERE ADAPTÖRÜ (29 mm/2 mm) FACADE-WINDOW ADAPTER		PVC 1,563	53
			POLYAMID 1,554	
W1-200	PENCERE KANAT PROFİLİ (42.3 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,237	31
			POLYAMID 1,227	
W1-201	PENCERE KANAT PROFİLİ (48 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,402	31
			POLYAMID 1,391	
W1-217	PENCERE KANAT PROFİLİ (53 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,488	32
			POLYAMID 1,478	
W1-205	PENCERE KANAT PROFİLİ (53.6 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,535	32
			POLYAMID 1,525	
W1-202	PENCERE KANAT PROFİLİ (58 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,575	33
			POLYAMID 1,565	
W1-220	PENCERE KANAT PROFİLİ (58 mm/1.8 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,670	35
			POLYAMID 1,660	

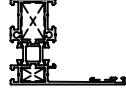
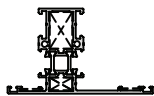
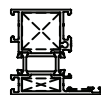
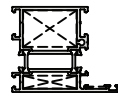
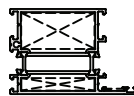
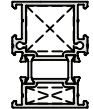
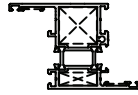
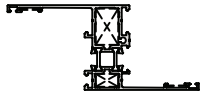
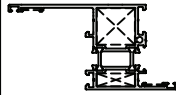
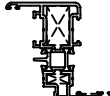
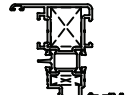
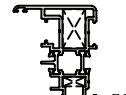
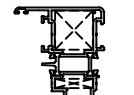
PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W1-206	PENCERE KANAT PROFİLİ (63.6 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,708	33
			POLYAMİD 1,698	
W1-203	PENCERE KANAT PROFİLİ (68 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,748	34
			POLYAMİD 1,738	
W1-221	PENCERE KANAT PROFİLİ (73.6 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,882	34
			POLYAMİD 1,872	
W1-223	PENCERE KANAT PROFİLİ (53.6 mm/1.8 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,625	35
			POLYAMİD 1,615	
W1-222	DIŞA AÇILIR PENCERE KANADI (88 mm/1.6 mm) OUTDOOR CASEMENT PR.FOR WINDOW		PVC 1,784	35
			POLYAMİD 1,774	
W1-208	İÇE AÇILIR KAPI KANADI (81 mm/1.6 mm) INDOOR CASEMENT PR.FOR DOOR		PVC 1,974	36
			POLYAMİD 1,964	
W1-212	İÇE AÇILIR KAPI KANADI (95 mm/1.6 mm) INDOOR CASEMENT PR.FOR DOOR		PVC 2,217	37
			POLYAMİD 2,206	
W1-207	İÇE AÇILIR KAPI KANADI (100.6 mm/1.6 mm) INDOOR CASEMENT PR.FOR DOOR		PVC 2,350	38
			POLYAMİD 2,340	
W1-209	DIŞA AÇILIR KAPI KANADI (101 mm/1.6 mm) OUTDOOR CASEMENT PR.FOR DOOR		PVC 2,009	39
			POLYAMİD 1,999	
W1-218	DIŞA AÇILIR KAPI KANADI (106.6mm/1.6 mm) OUTDOOR CASEMENT PR.FOR DOOR		PVC 2,137	41
			POLYAMİD 2,127	
W1-210	DIŞA AÇILIR KAPI KANADI (115 mm/1.6 mm) OUTDOOR CASEMENT PR.FOR DOOR		PVC 2,255	40
			POLYAMİD 2,245	
W1-300	ORTA KAYIT PROFİLİ (23.3mm/1.6 mm) TRANSOM PROFILE		PVC 1,262	27
			POLYAMİD 1,253	
W1-301	ORTA KAYIT PROFİLİ (29 mm/1.6 mm) TRANSOM PROFILE		PVC 1,415	27
			POLYAMİD 1,406	
W1-305	ORTA KAYIT PROFİLİ (34 mm/1.6 mm) TRANSOM PROFILE		PVC 1,501	28
			POLYAMİD 1,493	
W1-302	ORTA KAYIT PROFİLİ (39 mm/1.6 mm) TRANSOM PROFILE		PVC 1,588	28
			POLYAMİD 1,580	

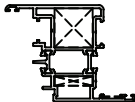
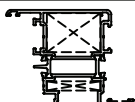
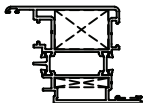
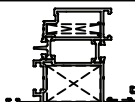
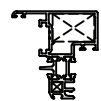
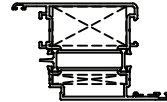
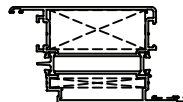
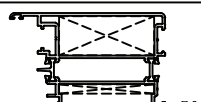
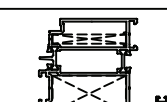
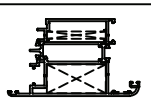
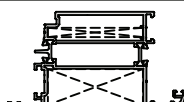
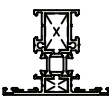
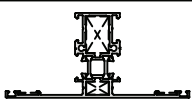
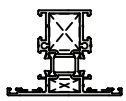
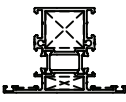
PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W1-303	ORTA KAYIT PROFİLİ (49 mm/1.6 mm) TRANSOM PROFILE		PVC 1,762	29
			POLYAMID 1,753	
W1-306	ORTA KAYIT PROFİLİ (60 mm/1.6 mm) TRANSOM PROFILE		PVC 1,952	29
			POLYAMID 1,944	
W1-307	ORTA KAYIT PROFİLİ (39 mm/1.8 mm) TRANSOM PROFILE		PVC 1,664	29
			POLYAMID 1,655	
W1-308	TAKVİYELİ ORTA KAYIT PROFİLİ (34 mm/1.6 mm) REINFORCED TRANSOM PROFILE		PVC 2,026	42
			POLYAMID 2,017	
W1-309	TAKVİYELİ ORTA KAYIT PROFİLİ (39 mm/1.6 mm) REINFORCED TRANSOM PROFILE		PVC 2,221	43
			POLYAMID 2,213	
W1-310	TAKVİYELİ ORTA KAYIT PROFİLİ (39 mm/1.6 mm) REINFORCED TRANSOM PROFILE		PVC 2,308	44
			POLYAMID 2,299	
W1-311	TAKVİYELİ ORTA KAYIT PROFİLİ (49 mm/1.6 mm) REINFORCED TRANSOM PROFILE		PVC 2,661	45
			POLYAMID 2,652	
W1-312	TAKVİYELİ ORTA KAYIT PROFİLİ (60 mm/1.6 mm) REINFORCED TRANSOM PROFILE		PVC 3,052	46
			POLYAMID 3,044	
W1-401	ETEK-ORTA KAYIT PROFİLİ (110 mm/1.6 mm) PLINTH-TRANSOM PROFILE		PVC 2,118	48
			POLYAMID 2,110	
W1-403	ETEK PROFİLİ (120 mm/1.6 mm) PLINTH PROFILE		PVC 2,690	49
			POLYAMID 2,682	
W1-402	ETEK PROFİLİ (150 mm/1.6 mm) PLINTH PROFILE		PVC 3,211	50
			POLYAMID 3,202	
W1-552	KÖŞE PROFİLİ (55 mm/1.5 mm) CORNER PROFILE		PVC 1,348	54
			POLYAMID 1,339	
W1-550	KÖŞE PROFİLİ (57.1 mm/1.8 mm) CORNER PROFILE		PVC 1,413	54
			POLYAMID 1,404	
W1-551	KÖŞE PROFİLİ (69.2 mm/1.6 mm) CORNER PROFILE		PVC 2,312	54
			POLYAMID 2,305	
W3-504	PİVOT ADAPTÖR PROFİLİ (57 mm/2 mm) PIVOT ADAPT. PROFILE		PVC 1,212	56
			POLYAMID 1,202	

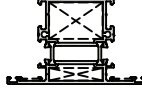
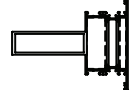
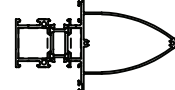
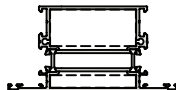
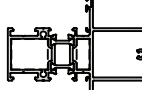
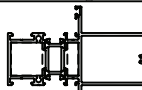
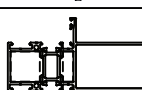
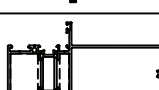
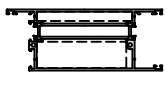
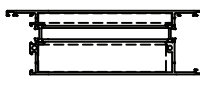
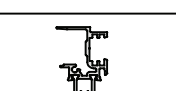
PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W3-101	KASA PROFİLİ (29 mm/2 mm) FRAME PROFILE		PVC 1,364	24
			POLYAMİD 1,355	
W3-111	KASA PROFİLİ (29 mm/1.6 mm) FRAME PROFILE		PVC 1,425	51
			POLYAMİD 1,417	
W3-112	KASA PROFİLİ (29 mm/1.6 mm) FRAME PROFILE		PVC 1,566	51
			POLYAMİD 1,558	
W3-102	KASA PROFİLİ (39 mm/2 mm) FRAME PROFILE		PVC 1,580	24
			POLYAMİD 1,572	
W3-103	KASA PROFİLİ (49 mm/2 mm) FRAME PROFILE		PVC 1,797	25
			POLYAMİD 1,789	
W3-113	KASA PROFİLİ (62 mm/2 mm) FRAME PROFILE		PVC 2,079	25
			POLYAMİD 2,071	
W3-104	TIRNAKSIZ KASA PROFİLİ (49 mm/2 mm) FLAT FRAME PROFILE		PVC 1,440	53
			POLYAMİD 1,432	
W3-105	TIRNAKSIZ KASA PROFİLİ (49 mm/2 mm) FLAT FRAME PROFILE		PVC 1,657	53
			POLYAMİD 1,648	
W3-109	PERVAZLI KASA PROFİLİ (64 mm/2 mm) FRAME PROFILE		PVC 1,737	30
			POLYAMİD 1,729	
W3-110	PERVAZLI KASA PROFİLİ (79 mm/1.6 mm) FRAME PROFILE		PVC 1,648	51
			POLYAMİD 1,639	
W3-108	PERVAZLI KASA PROFİLİ (89 mm/2 mm) FRAME PROFILE		PVC 1,873	30
			POLYAMİD 1,864	
W3-201	PENCERE KANAT PROFİLİ (48 mm/1.6 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,525	31
			POLYAMİD 1,515	
W3-218	PENCERE KANAT PROFİLİ (53 mm/2 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,623	32
			POLYAMİD 1,613	
W3-209	PENCERE KANAT PROFİLİ (53,6 mm/2 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,691	32
			POLYAMİD 1,680	
W3-202	PENCERE KANAT PROFİLİ (58 mm/2 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,733	33
			POLYAMİD 1,723	

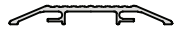
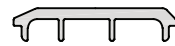
PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W3-210	PENCERE KANAT PROFİLİ (63.6 mm/2 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,886	33
			POLYAMİD 1,876	
W3-203	PENCERE KANAT PROFİLİ (68 mm/2 mm) CASEMENT PROFILE FOR WINDOW		PVC 1,928	34
			POLYAMİD 1,918	
W3-221	PENCERE KANAT PROFİLİ (73.6 mm/2 mm) CASEMENT PROFILE FOR WINDOW		PVC 2,112	34
			POLYAMİD 2,101	
W3-222	DIŞA AÇILIR PENCERE KANADI (88 mm/2 mm) OUTDOOR CASEMENT PR.FOR WINDOW		PVC 1973	35
			POLYAMİD 1963	
W3-220	GİZLİ KANAT PROFİLİ (55.4 mm/1.6 mm) HIDDEN CASEMENT PROFILE		PVC 1,254	52
			POLYAMİD 1,244	
W3-213	İÇE AÇILIR KAPI KANADI (81 mm/2 mm) INDOOR CASEMENT PR.FOR DOOR		PVC 2,169	36
			POLYAMİD 2,159	
W3-204	İÇE AÇILIR KAPI KANADI (95 mm/2 mm) INDOOR CASEMENT PR.FOR DOOR		PVC 2,455	37
			POLYAMİD 2,445	
W3-211	İÇE AÇILIR KAPI KANADI (100.6 mm/2 mm) INDOOR CASEMENT PR.FOR DOOR		PVC 2,608	38
			POLYAMİD 2,597	
W3-212	DIŞA AÇILIR KAPI KANADI (101 mm/2 mm) OUTDOOR CASEMENT PR.FOR DOOR		PVC 2,227	39
			POLYAMİD 2,216	
W3-223	DIŞA AÇILIR KAPI KANADI (106.6 mm/2 mm) OUTDOOR CASEMENT PR.FOR DOOR	 	PVC 2,470	41
			POLYAMİD 2,460	
W3-206	DIŞA AÇILIR KAPI KANADI (115 mm/2 mm) OUTDOOR CASEMENT PR.FOR DOOR		PVC 2,497	40
			POLYAMİD 2,487	
W3-301	ORTA KAYIT PROFİLİ (29 mm/2 mm) TRANSOM PROFILE		PVC 1,521	27
			POLYAMİD 1,512	
W3-310	ORTA KAYIT PROFİLİ (29 mm/1.6 mm) TRANSOM PROFILE		PVC 1,743	51
			POLYAMİD 1,735	
W3-308	ORTA KAYIT PROFİLİ (34 mm/2 mm) TRANSOM PROFILE		PVC 1,629	28
			POLYAMİD 1,621	
W3-302	ORTA KAYIT PROFİLİ (39 mm/2 mm) TRANSOM PROFILE		PVC 1,737	28
			POLYAMİD 1,729	

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PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W3-303	ORTA KAYIT PROFİLİ (49 mm/2 mm) TRANSOM PROFILE		PVC 1,954	29
			POLYAMID 1,946	
W3-309	TAKVİYELİ ORTA KAYIT PROFİLİ (121 mm/2 mm) RAINFORCED TRANSOM PROFILE		PVC 4,733	47
			POLYAMID 4,725	
W3-307	TAKVİYELİ OVAL ORTA KAYIT PROFİLİ (39 mm/2 mm) RAINFORCED OVAL TRANSOM		PVC 2,459	46
			POLYAMID 2,451	
W3-401	ETEK-ORTA KAYIT PROFİLİ (70 mm/1.6 mm) PLINTH-TRANSOM PROFILE		PVC 2,409	48
			POLYAMID 2,401	
W3-311	TAKVİYELİ ORTA KAYIT PROFİLİ (34 mm/2 mm) RAINFORCED TRANSOM PROFILE		PVC 2,215	42
			POLYAMID 2,207	
W3-312	TAKVİYELİ ORTA KAYIT PROFİLİ (39 mm/2 mm) RAINFORCED TRANSOM PROFILE		PVC 2,513	43
			POLYAMID 2,505	
W3-313	TAKVİYELİ ORTA KAYIT PROFİLİ (39 mm/2 mm) RAINFORCED TRANSOM PROFILE		PVC 2,676	44
			POLYAMID 2,667	
W3-314	TAKVİYELİ ORTA KAYIT PROFİLİ (49 mm/2 mm) RAINFORCED TRANSOM PROFILE		PVC 3,109	45
			POLYAMID 3,101	
W3-403	ETEK PROFİLİ (120 mm/2 mm) PLINTH PROFILE		PVC 3,144	49
			POLYAMID 3,136	
W3-402	ETEK PROFİLİ (150 mm/2 mm) PLINTH PROFILE		PVC 3,795	50
			POLYAMID 3,786	
W3-510	AÇILIM ADAPTÖRÜ (47 mm/1.6 mm) OPENING ADAPTER		PVC 1,187	55
			POLYAMID 1,179	
W3-506	AÇILIM ADAPTÖRÜ (55 mm/2 mm) OPENING ADAPTER		PVC 0,769	55
			POLYAMID 0,761	
W3-518	AÇILIM ADAPTÖRÜ (57 mm/1.5 mm) OPENING ADAPTER		PVC 1,378	55
			POLYAMID 1,370	
W3-519	AÇILIM ADAPTÖRÜ (57 mm/1.5 mm) OPENING ADAPTER		PVC 1,335	55
			POLYAMID 1,326	
W3-517	ÇİFT KANAT ADAPTÖRÜ (107 mm/1.5 mm) CASEMENT PROFILE ADAPTOR		PVC 1,607	52
			POLYAMID 1,599	

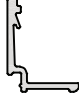
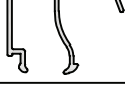
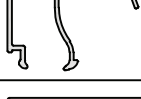
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PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W-555	EŞİK PROFİLİ (47.5 mm/1.6 mm) THERESHOLD PROFILE		PVC 0,771	56
			POLYAMİD 0,761	
W1-508	TİJ PROFİLİ (19 mm/2.4 mm) PUSHING ROD PROFILE		0,134	60
W-503	DAMLALIK PROFİLİ (29.3 mm/1.3 mm) WEATHERDIP PROFILE		0,211	60
W-504	ÇARPMA KAPI ADAPTÖRÜ (55.1 mm/1.1 mm) IMPACT DOOR ADAPTER		0,341	60
W-505	ÇARPMA KAPI ADAPTÖRÜ (55 mm/1.2 mm) IMPACT DOOR ADAPTER		0,271	60
W-543	KASA ADAPTÖRÜ (22.1 mm/1.2 mm) FRAME ADAPTER		0,213	61
W-545	EŞİK PROFİLİ (62.3 mm/2.1 mm) THRESHOLD PROFILE		0,578	61
W-544	EŞİK PROFİLİ (88 mm/2 mm) THRESHOLD PROFILE		0,728	60
W-546	KÖŞE ADAPTÖRÜ (21mm/1.3 mm) CORNER ADAPTER		0,152	61
W-547	ÇARPMA MENTEŞE TAKOZU (54 mm/3.5 mm) IMPACT DOOR ADAPTER		0,621	60
W3-509	ETEK ADAPTÖRÜ (24 mm/1.5 mm) PLINTH ADAPTER		0,271	61
W-557	ETEK ADAPTÖRÜ (24.5 mm/1.2 mm) PLINTH ADAPTER		0,260	61
W-558	ETEK ADAPTÖRÜ (24.9 mm/1.4 mm) PLINTH ADAPTER		0,173	61
W4-505	ETEK ADAPTÖRÜ (25 mm/1.8 mm) PLINTH ADAPTER		0,184	61
W4-504	ETEK ADAPTÖRÜ (25 mm/1.8 mm) PLINTH ADAPTER		0,227	61

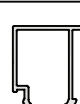
PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W3-508	ETEK ADAPTÖRÜ (31 mm/1.5 mm) PLINTH ADAPTER		0,330	60
W-559	ETEK ADAPTÖRÜ (35.4 mm/1.4 mm) PLINTH ADAPTER		0,216	61
W4-508	PERVAZ ADAPTÖRÜ (55 mm/1.6 mm) FRAME ADAPTER		0,356	61
W-522	LAMBİRİ PROFİLİ (88 mm/10 mm) WAINSCOT PROFILE		0,519	62
W-510	LAMBİRİ PROFİLİ (92.7 mm/4.3 mm) WAINSCOT PROFILE		0,342	62
W-509	LAMBİRİ PROFİLİ (95 mm/4 mm) WAINSCOT PROFILE		0,319	62
W-521	LAMBİRİ PROFİLİ (124 mm/10 mm) WAINSCOT PROFILE		0,805	62
W-523	MENFEZ PROFİLİ (88 mm/10 mm) CULVERT PROFILE		0,647	62
W3-514	SAKLI KANAT SABİT ADAPTÖRÜ (27 mm/46.7 mm) HIDDEN CASEMENT PROFILE ADAPT.		0,558	52
W3-516	SAKLI KANAT CAM ÇİTASI (27.3 mm/4.7 mm) GLASS SKIRTING FOR HIDDEN CASEM		0,129	52
W3-515	CAM ALTI TAKOZ PROFİLİ (27.3 mm/4.7 mm) GLASS SUPPORT PIECE PROFILE		0,150	52

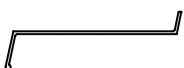
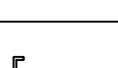
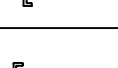
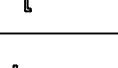
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PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W-511	CAM ÇİTASI (24.5mm/3.5 mm) GLASS BEAM		0,206	57
W-512	CAM ÇİTASI (24.5mm/7.5 mm) GLASS BEAM		0,214	57
W-513	CAM ÇİTASI (24.5mm/11.5 mm) GLASS BEAM		0,229	57
W-514	CAM ÇİTASI (24.5mm/15.5 mm) GLASS BEAM		0,234	57
W-515	CAM ÇİTASI (24.5mm/19.5 mm) GLASS BEAM		0,264	57
W-516	CAM ÇİTASI (24.8mm/23.5 mm) GLASS BEAM		0,278	57
W-517	CAM ÇİTASI (24.5mm/27.5 mm) GLASS BEAM		0,292	57
W-518	CAM ÇİTASI (24.5mm/31.5 mm) GLASS BEAM		0,306	57
W-519	CAM ÇİTASI (24.4mm/35.5 mm) GLASS BEAM		0,320	57
W-520	CAM ÇİTASI (24.5mm/39.5 mm) GLASS BEAM		0,334	57

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PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W-511-a	CAM ÇİTASI (24.4mm/3.5 mm) GLASS BEAM		0,203	58
W-512-a	CAM ÇİTASI (24.5mm/7.5 mm) GLASS BEAM		0,211	58
W-513-a	CAM ÇİTASI (24.4mm/11.5 mm) GLASS BEAM		0,219	58
W-514-a	CAM ÇİTASI (24.4mm/15.5 mm) GLASS BEAM		0,225	58
W-515-a	CAM ÇİTASI (24.4mm/19.5 mm) GLASS BEAM		0,238	58
W-516-a	CAM ÇİTASI (24.4mm/23.5 mm) GLASS BEAM		0,265	58
W-517-a	CAM ÇİTASI (24.4mm/27.5 mm) GLASS BEAM		0,278	58
W-518-a	CAM ÇİTASI (24.4mm/31.5 mm) GLASS BEAM		0,291	58
W-519-a	CAM ÇİTASI (24.4mm/35.5 mm) GLASS BEAM		0,304	58
W-520-a	CAM ÇİTASI (24.4mm/39.5 mm) GLASS BEAM		0,317	58
W-521-a	CAM ÇİTASI (24.4mm/43.5 mm) GLASS BEAM		0,330	58
W-522-a	CAM ÇİTASI (24.4mm/29.5 mm) GLASS BEAM		0,284	58

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PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W-524	DENİZLİK PROFİLİ (105 mm/1.6 mm) CULVERT PROFILE		0,639	63
W-525	DENİZLİK PROFİLİ (105 mm/1.8 mm) CULVERT PROFILE		0,714	63
W-530	DENİZLİK PROFİLİ (150 mm/2.2 mm) CULVERT PROFILE		1,209	63
W-527	DENİZLİK PROFİLİ (160 mm/2.2 mm) CULVERT PROFILE		1,181	63
W-526	DENİZLİK PROFİLİ (160 mm/1.8 mm) CULVERT PROFILE		1,066	63
W-531	DENİZLİK PROFİLİ (170 mm/2.2 mm) CULVERT PROFILE		1,322	63
W-532	DENİZLİK PROFİLİ (190mm/2.2 mm) CULVERT PROFILE		1,573	62
W-528	DENİZLİK PROFİLİ (206.6 mm/1.9 mm) CULVERT PROFILE		1,367	63
W-529	DENİZLİK PROFİLİ (206.6 mm/2.2 mm) CULVERT PROFILE		1,577	63
W-533	DENİZLİK PROFİLİ (210 mm/2.2 mm) CULVERT PROFILE		1,696	62
W-534	BİNİ PROFİLİ (45 mm/30 mm) INTERLOCKING PROFILE		0,328	64
W-535	BİNİ PROFİLİ (40 mm/26.5 mm) INTERLOCKING PROFILE		0,229	64
W-536	BİNİ PROFİLİ (40 mm/26 mm) INTERLOCKING PROFILE		0,292	64
W-537	BİNİ PROFİLİ (26 mm/25 mm) INTERLOCKING PROFILE		0,226	64
W-538	BİNİ PROFİLİ (25 mm/25 mm) INTERLOCKING PROFILE		0,249	64

PROFİL FİHRİSTİ / PROFILE INDEX

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PROFİL FİHRİSTİ / PROFILE INDEX

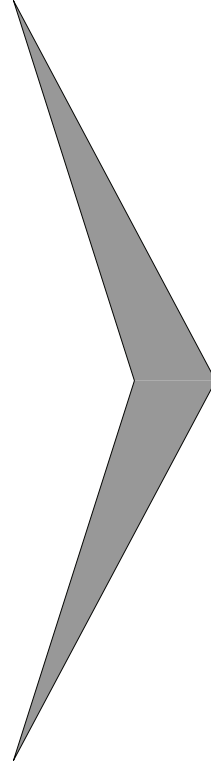
PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W-601	KÖŞE BİRLEŞTİRME (74 mm/74 mm) CORNER CLEATS		3,428	65
W-601\2	KÖŞE BİRLEŞTİRME (80 mm/80 mm) CORNER CLEATS		4,285	65
W-602	KÖŞE BİRLEŞTİRME (80 mm/80 mm) CORNER CLEATS		4,380	66
W-603	KÖŞE BİRLEŞTİRME (90 mm/90 mm) CORNER CLEATS		4,871	66
W-604	KÖŞE BİRLEŞTİRME (101 mm/47.6 mm) CORNER CLEATS		5,539	67
W-605	KÖŞE BİRLEŞTİRME (116 mm/61.6mm) CORNER CLEATS		6,063	68
W-611	KÖŞE BİRLEŞTİRME (116 mm/61.6mm) CORNER CLEATS		2,520	65
W-611\2	KÖŞE BİRLEŞTİRME (70 mm/70 mm) CORNER CLEATS		2,749	65
W-612	KÖŞE BİRLEŞTİRME (75 mm/75 mm) CORNER CLEATS		3,295	66
W-613	KÖŞE BİRLEŞTİRME (85 mm/85 mm) CORNER CLEATS		3,945	67
W-614	KÖŞE BİRLEŞTİRME (100 mm/100 mm) CORNER CLEATS		5,318	68
W-615	KÖŞE BİRLEŞTİRME (120.2 mm/120.2 mm) CORNER CLEATS		6,313	69
SC0307	KÖŞE BİRLEŞTİRME (55 mm/55 mm) CORNER CLEATS		2,140	69
SC0309	KÖŞE BİRLEŞTİRME (55 mm/55 mm) CORNER CLEATS		1,636	69
S80-601	KÖŞE BİRLEŞTİRME (78 mm/78 mm) CORNER CLEATS		3,317	70

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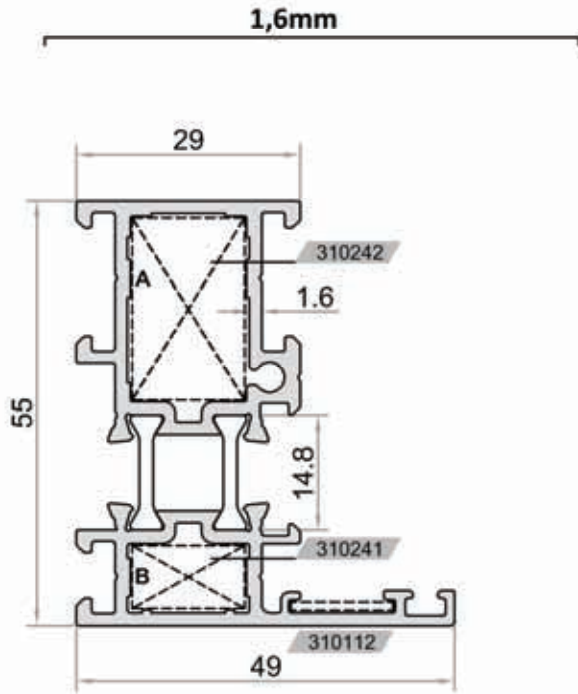
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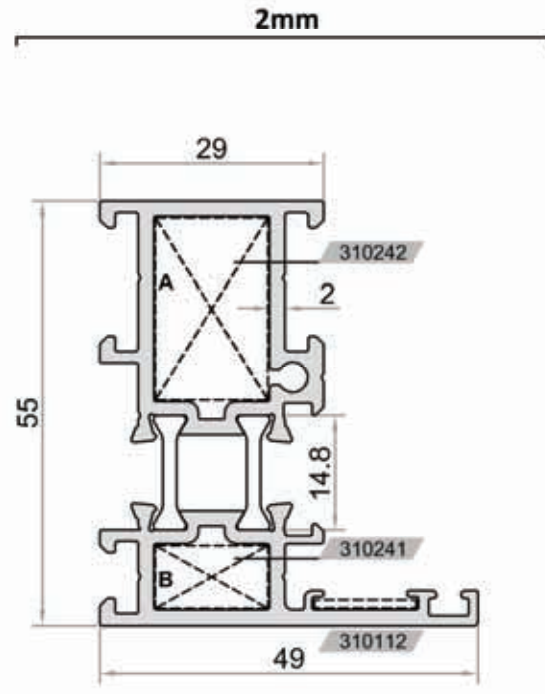
PROFILES



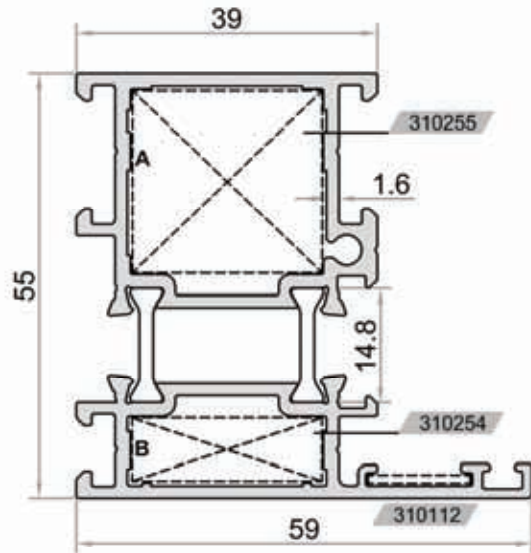
- KATALOGDA BELİRTİLEN TM PROFİL AĞIRLIKLARI TEORİK OLUP PROFİLLERİN PRES(HAM) HALLERİNE AİTTİR. ISI BARIYERİ ÇEŞİDİNE VEYA PROFİL YZEYİNDEKİ BOYA KALINLIKLARINA BAĞLI OLARAK AĞIRLIK FARKLILIKLARI OLUŞABİLMEKTEDİR. WEIGHTS IN THIS CATALOGUE ARE THEORETICAL AND BELONG TO MILL FINISH SURFACE. ACCORDING TO THE INSULATION BAR TYPE OR THICKNESSES OF THE PAINT ON THE PROFILE SURFACE, THERE COULD BE WEIGHT DIFFERENCES.
- SİSTEM ALMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR. SİSTEM ALMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.



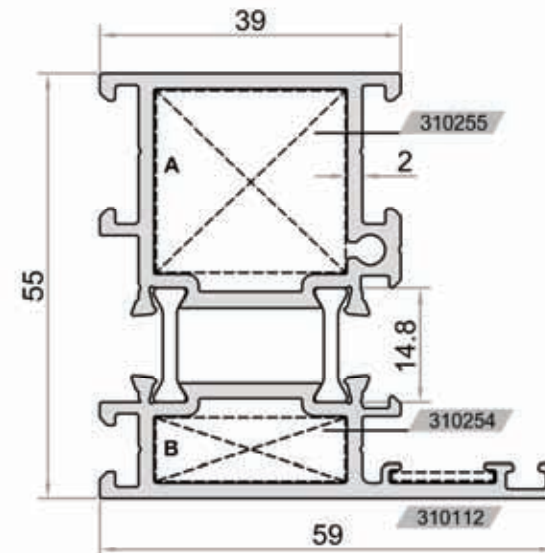
W1-101			
VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS			
Jx	iy	Jy	
11,74	5	5,51	
AĞIRLIK / WEIGHT (KG/M.)			
1,279	1,271		
(PVC)	(POL.)		



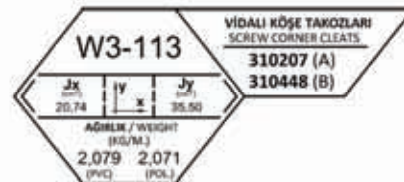
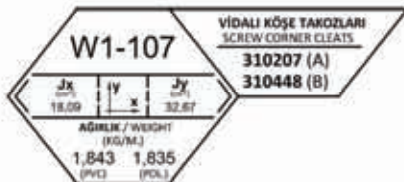
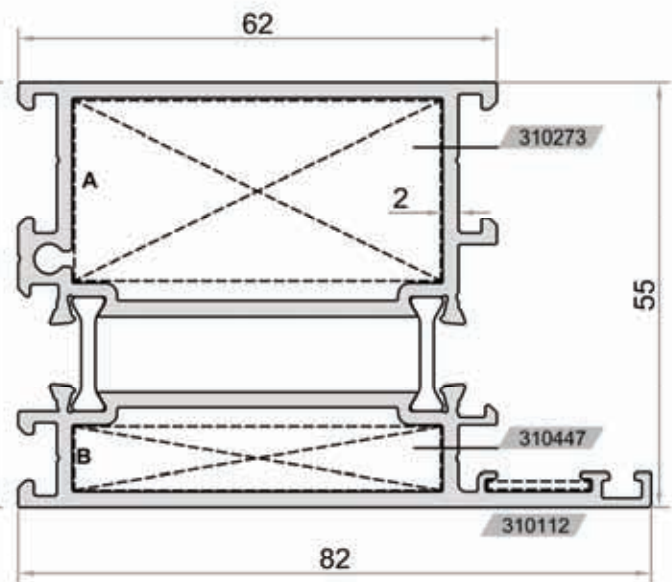
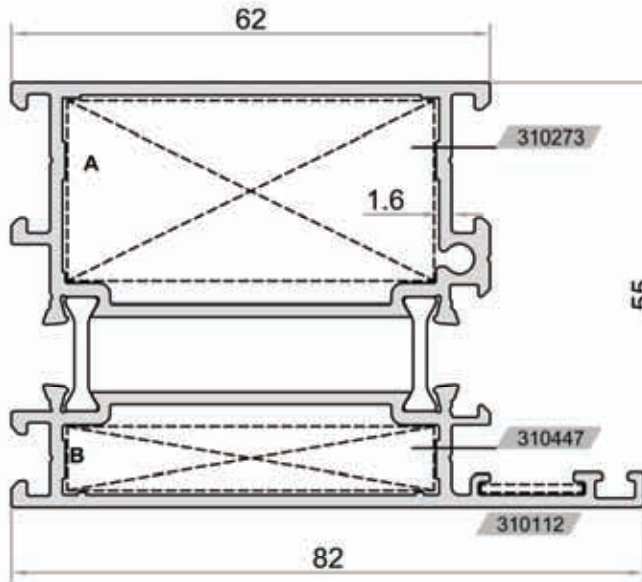
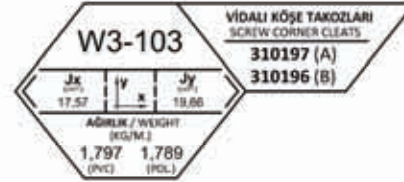
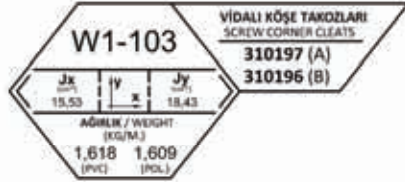
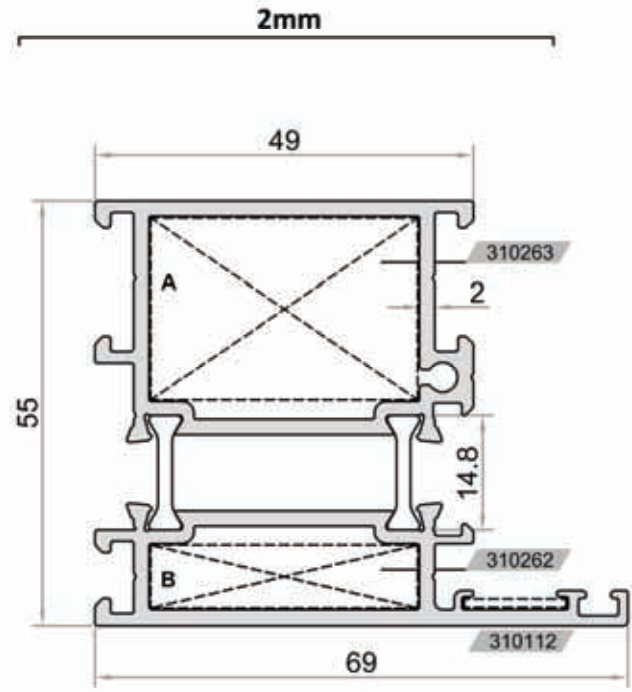
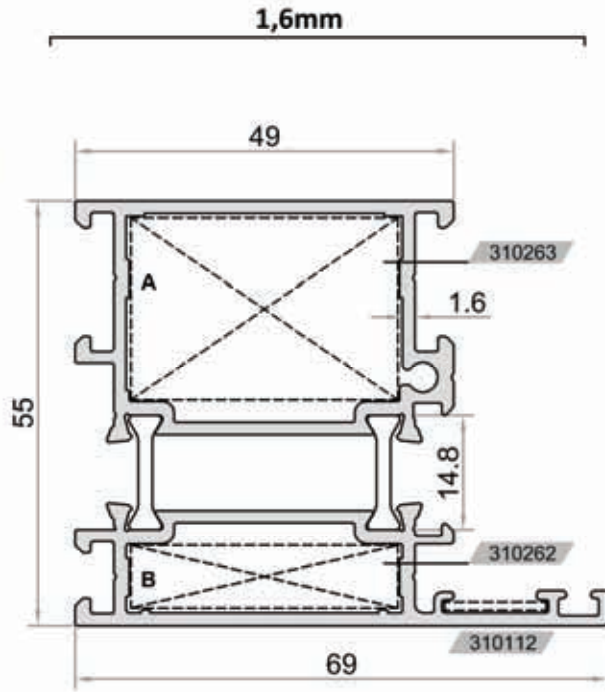
W3-101			
VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS			
Jx	iy	Jy	
12,68	5	5,75	
AĞIRLIK / WEIGHT (KG/M.)			
1,364	1,355		
(PVC)	(POL.)		

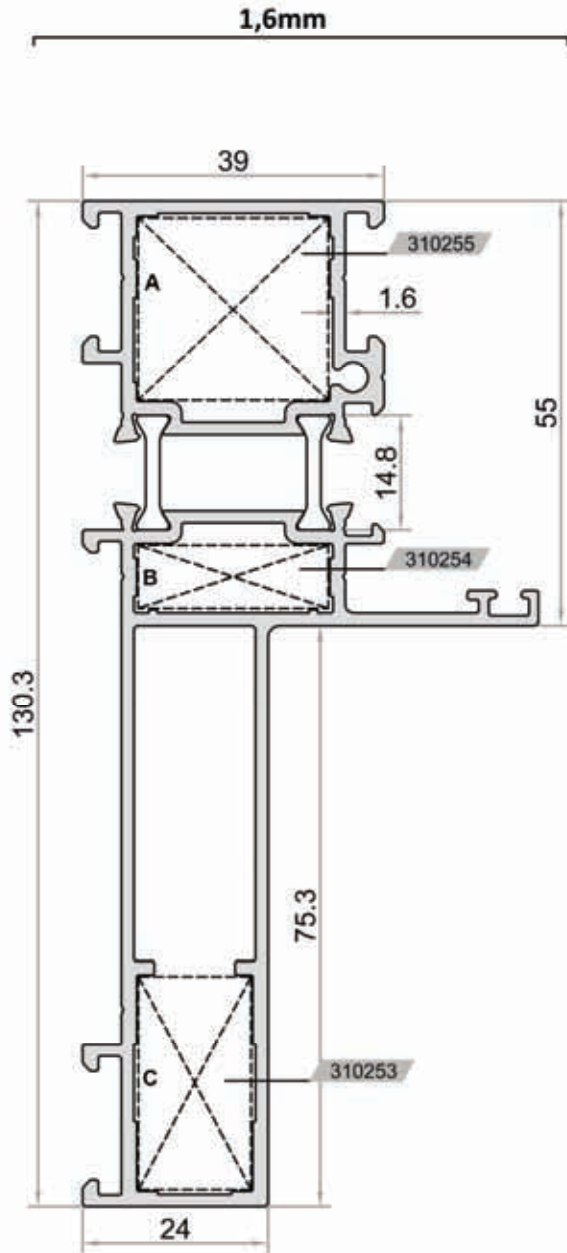


W1-102			
VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS			
Jx	iy	Jy	
13,72	5	10,77	
AĞIRLIK / WEIGHT (KG/M.)			
1,453	1,444		
(PVC)	(POL.)		

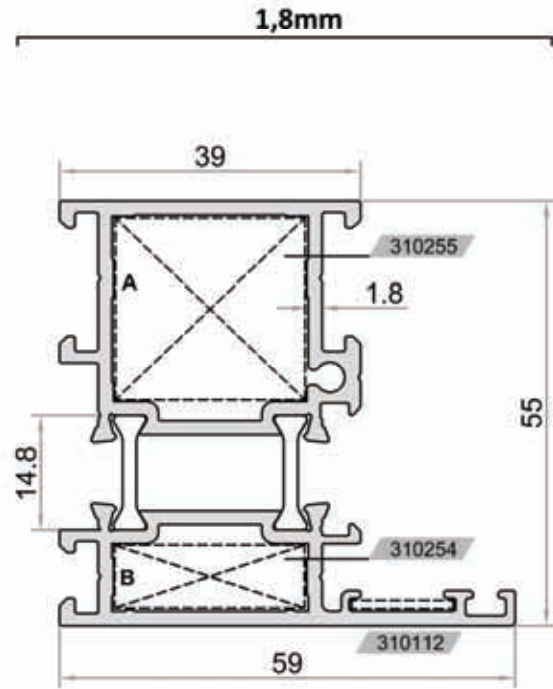


W3-102			
VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS			
Jx	iy	Jy	
15,13	5	11,36	
AĞIRLIK / WEIGHT (KG/M.)			
1,580	1,572		
(PVC)	(POL.)		

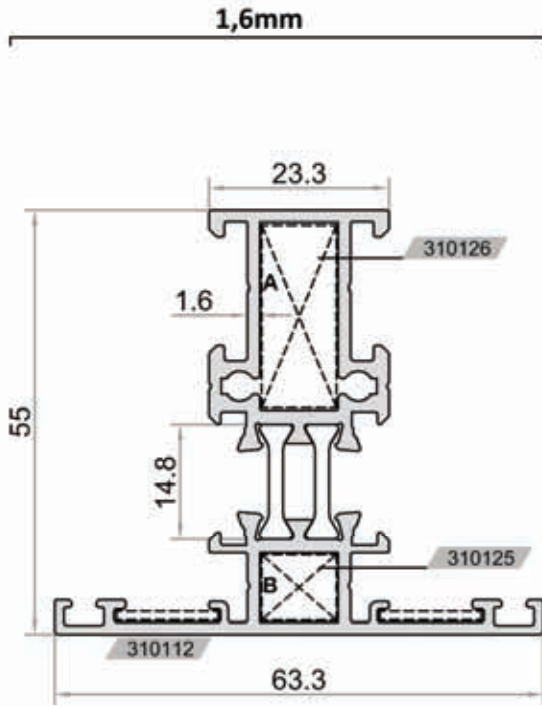




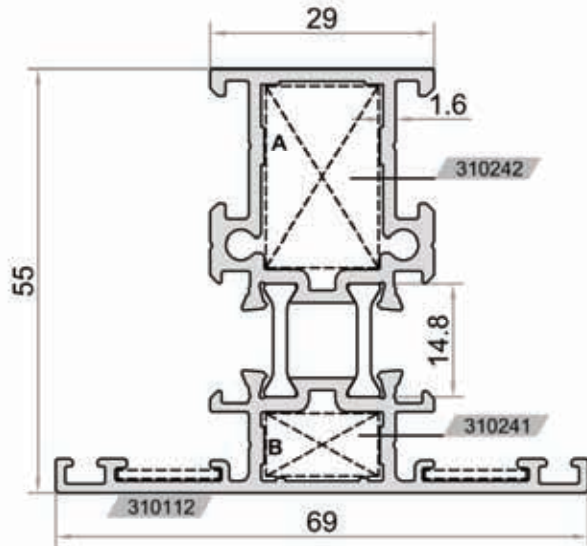
W1-108			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
J _x	I _y	J _y	310189 (A)	
102.57	14.20	14.20	310188 (B)	
AĞIRLIK / WEIGHT (KG/M.)			310187 (C)	
2,266				
(PVC)				



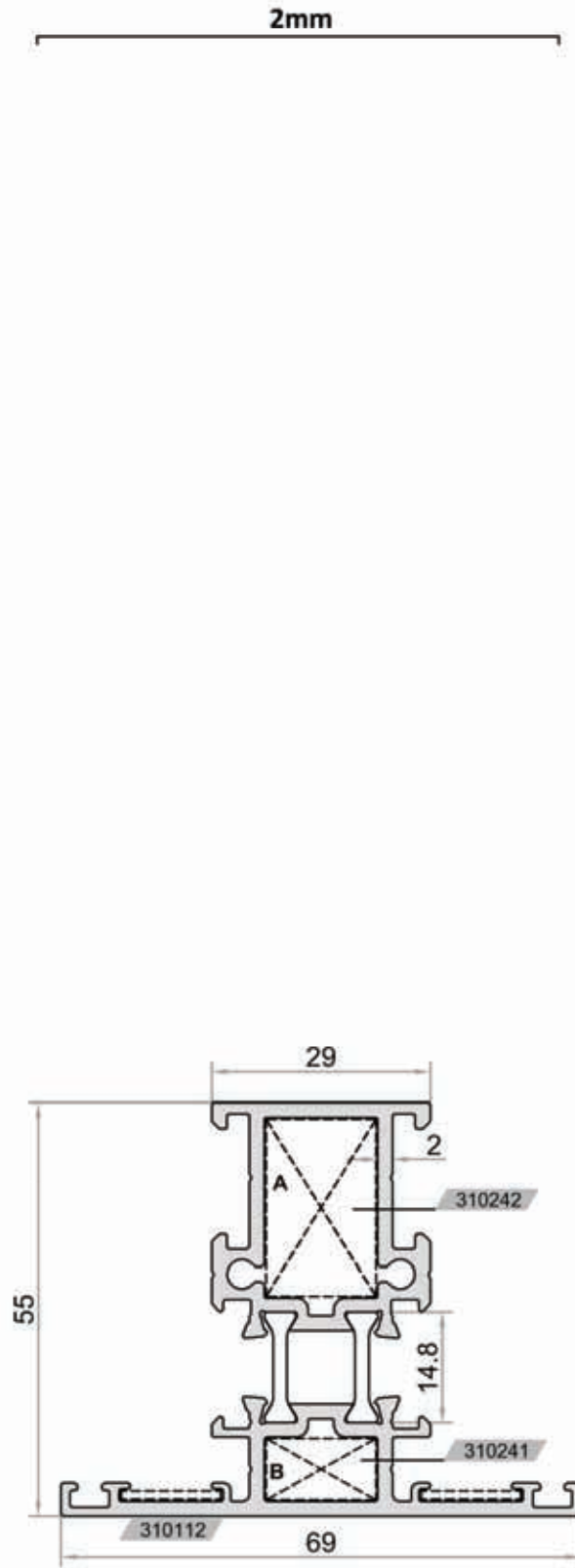
W1-106			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
J _x	I _y	J _y	310189 (A)	
14.37	11.05	11.05	310188 (B)	
AĞIRLIK / WEIGHT (KG/M.)				
1,514				
(PVC)				



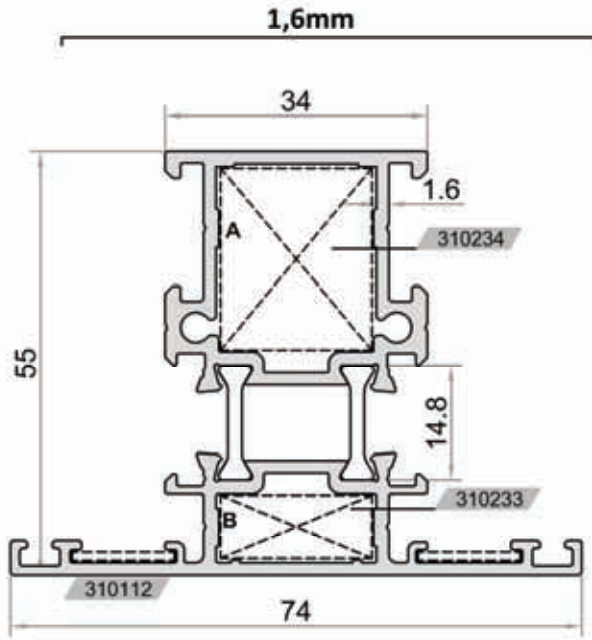
W1-300			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
Jx 11,41	Iy x	Jy 8,20	310451 (A)	310371 (B)
AĞIRLIK / WEIGHT (KG/M.)				
1,262	1,253			
(PVC)	(POL.)			



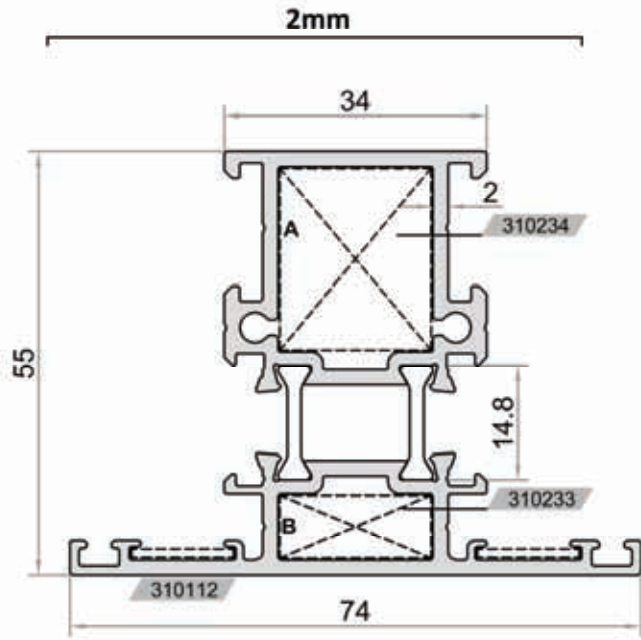
W1-301			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx 13	Iy x	Jy 8,93	310179 (A)	310178 (B)
AĞIRLIK / WEIGHT (KG/M.)			310452 (A)	
1,415	1,406		310364 (B)	
(PVC)	(POL.)		DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	



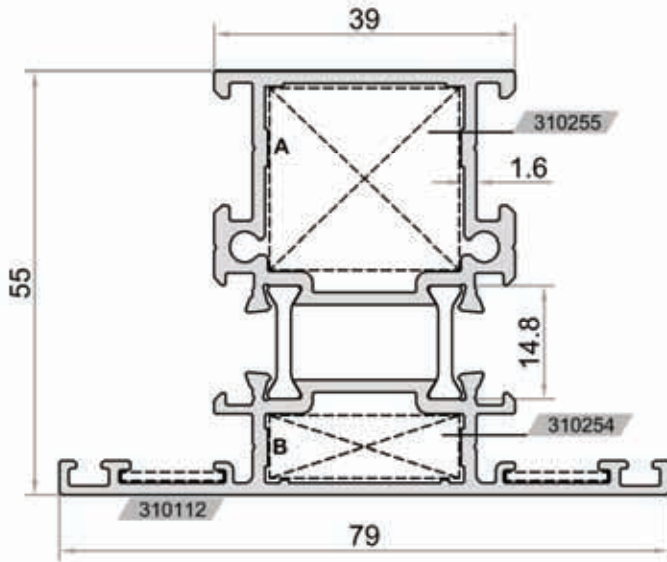
W3-301			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx 14,31	Iy x	Jy 9,43	310179 (A)	310178 (B)
AĞIRLIK / WEIGHT (KG/M.)			310452 (A)	
1,521	1,512		310364 (B)	
(PVC)	(POL.)		DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	



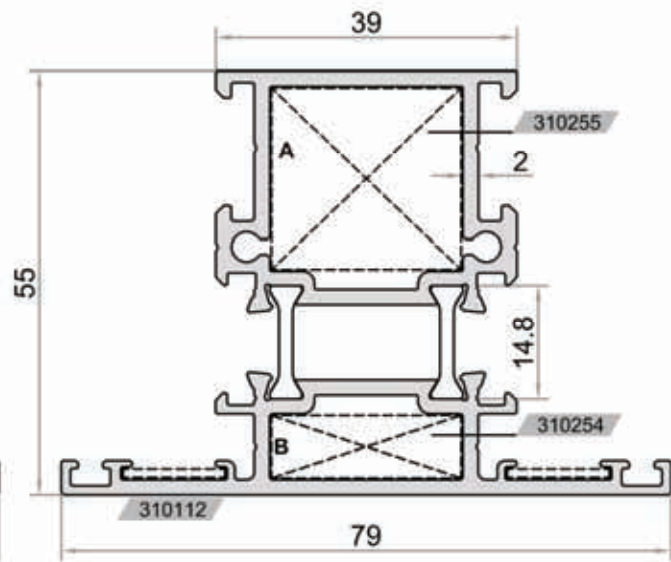
W1-305			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Jy	Jz	310175 (A)	310174 (B)
14,01	11,96	11,96	310453 (A)	310370 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,501	1,493			
(PVC)	(POL.)			



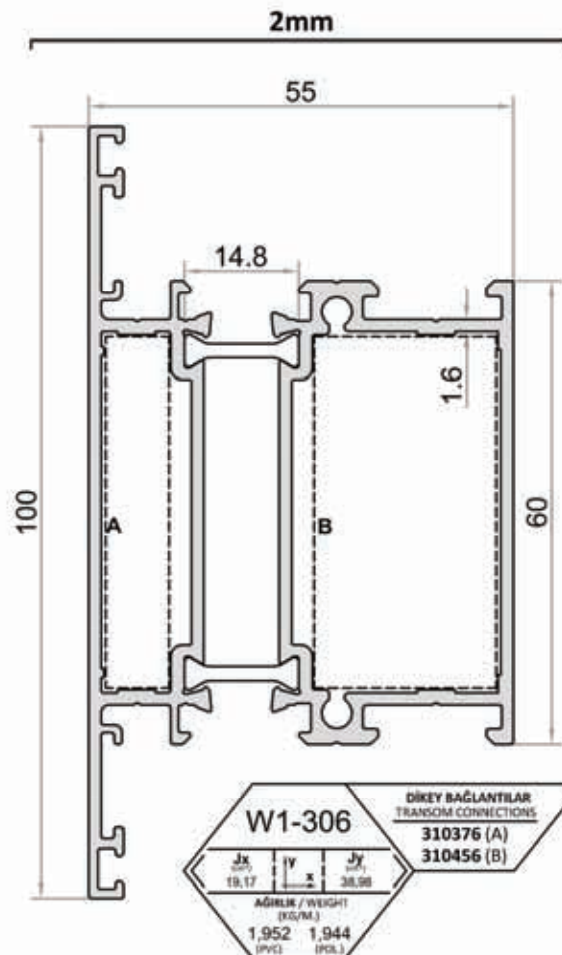
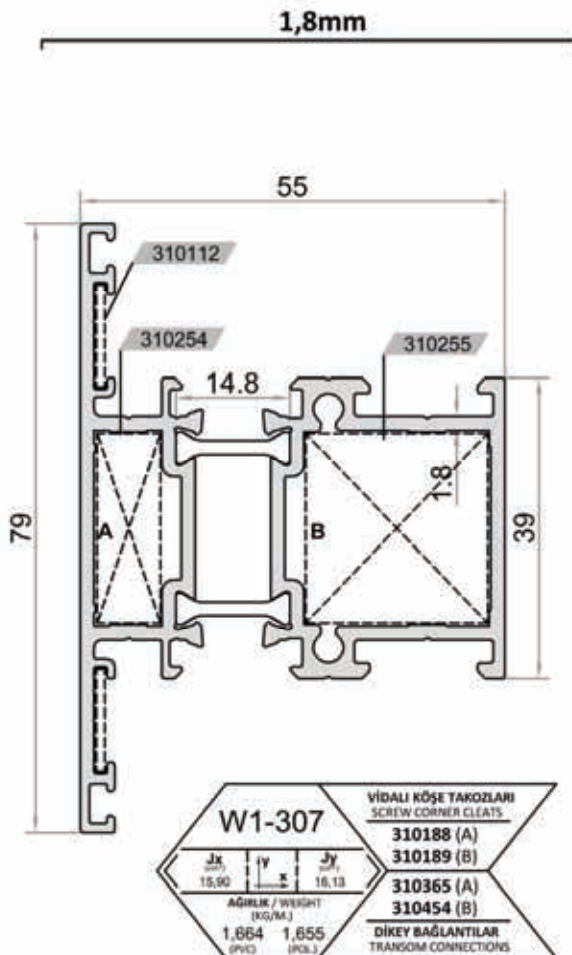
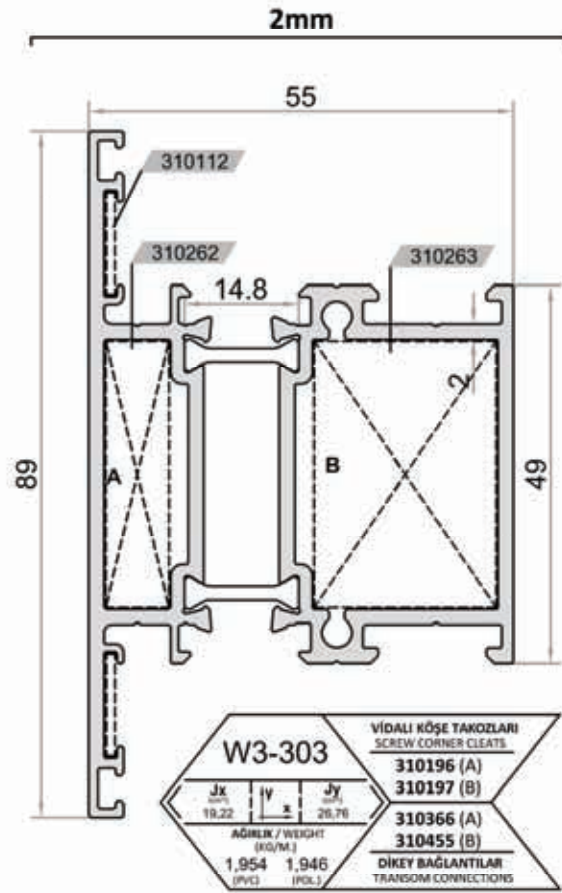
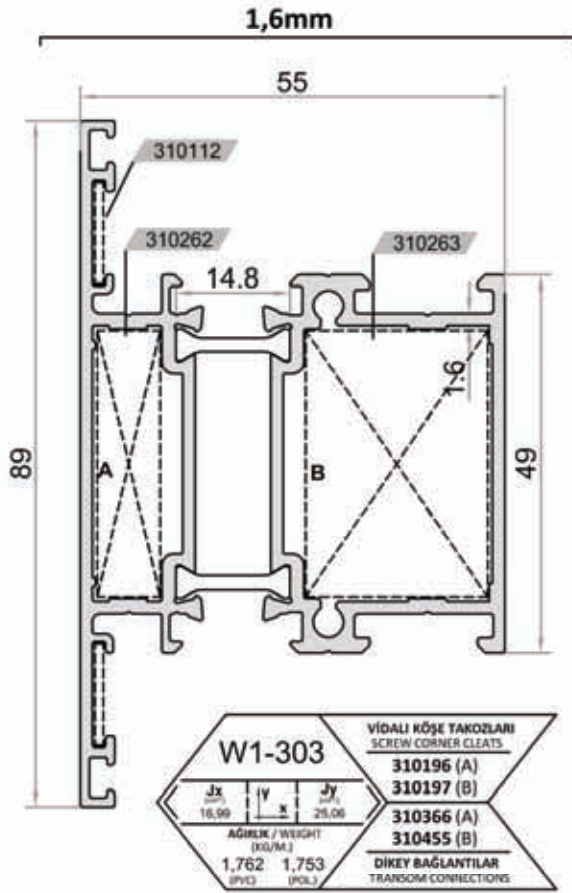
W3-308			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Jy	Jz	310175 (A)	310174 (B)
15,54	12,65	12,65	310453 (A)	310370 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,629	1,621			
(PVC)	(POL.)			

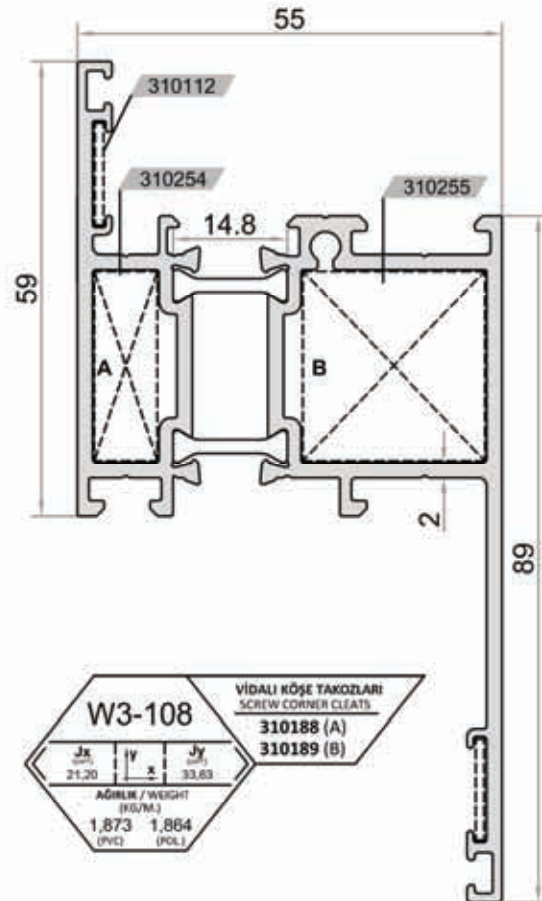
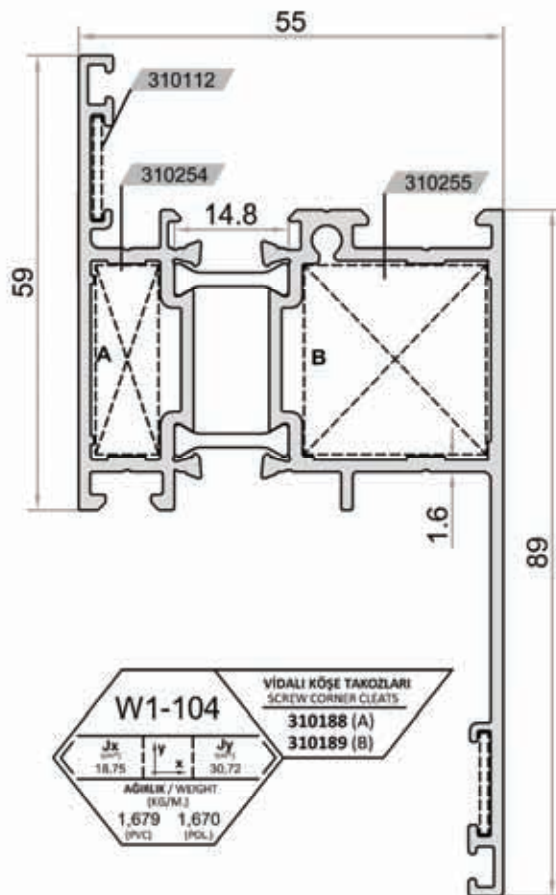
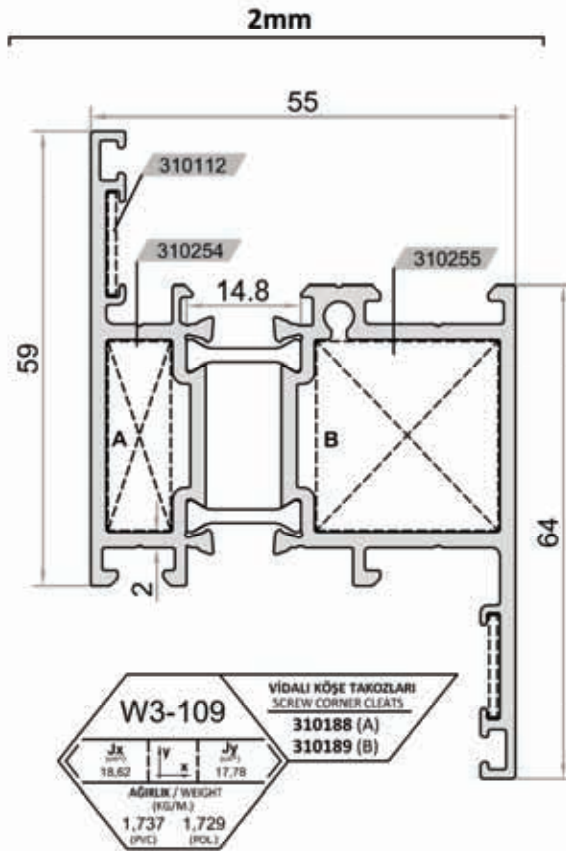
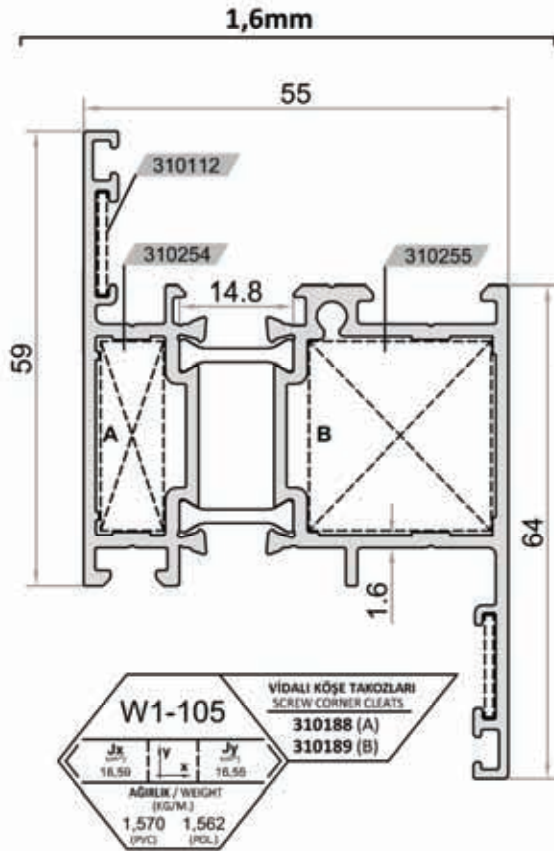


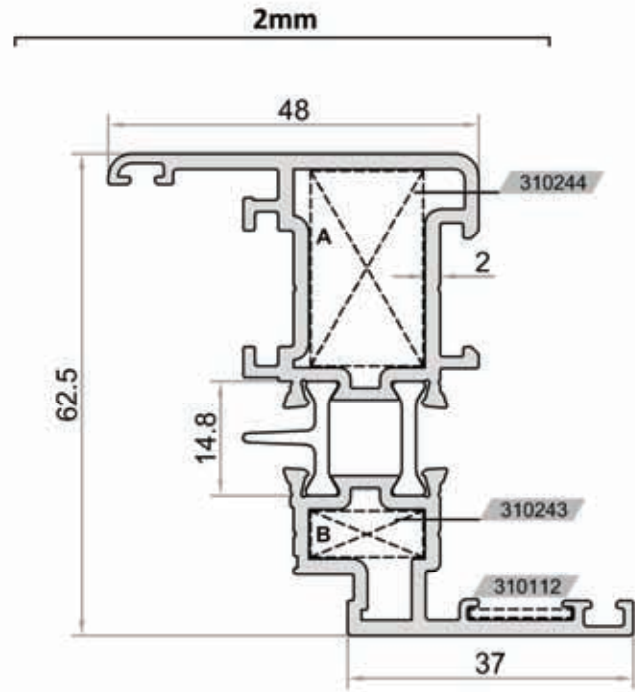
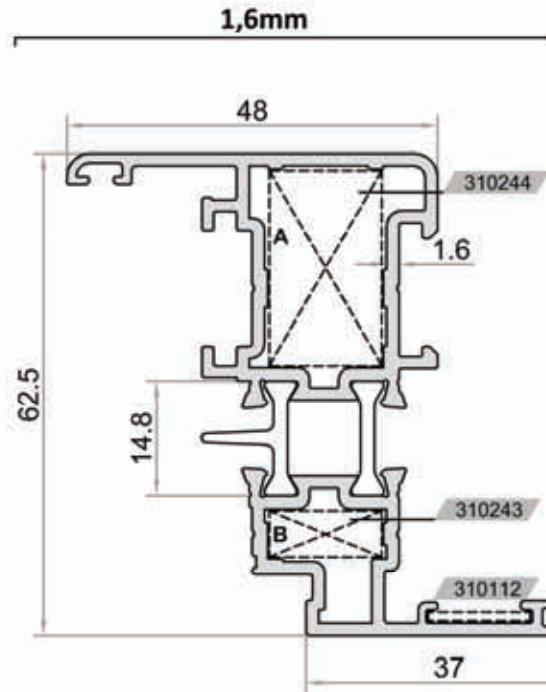
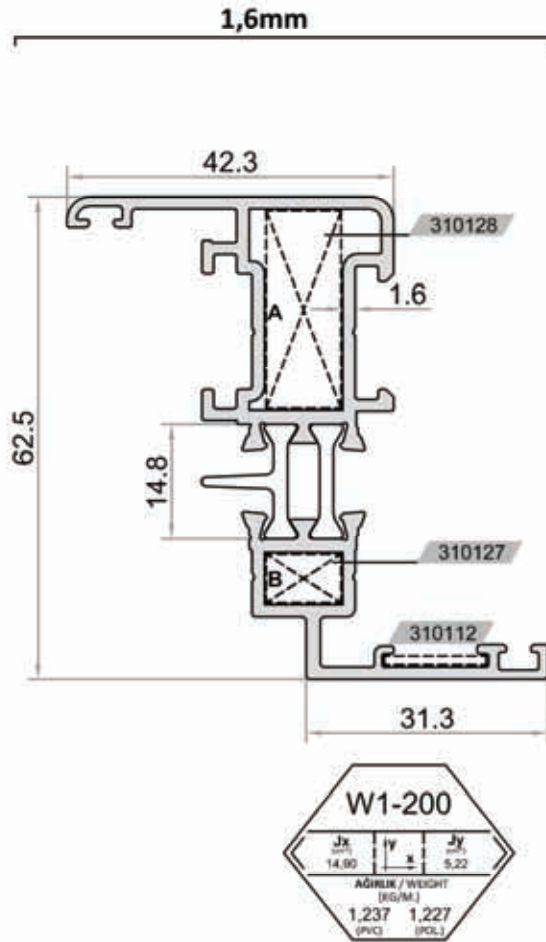
W1-302			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Jy	Jz	310189 (A)	310188 (B)
15	15,60	15,60	310454 (A)	310365 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,588	1,580			
(PVC)	(POL.)			

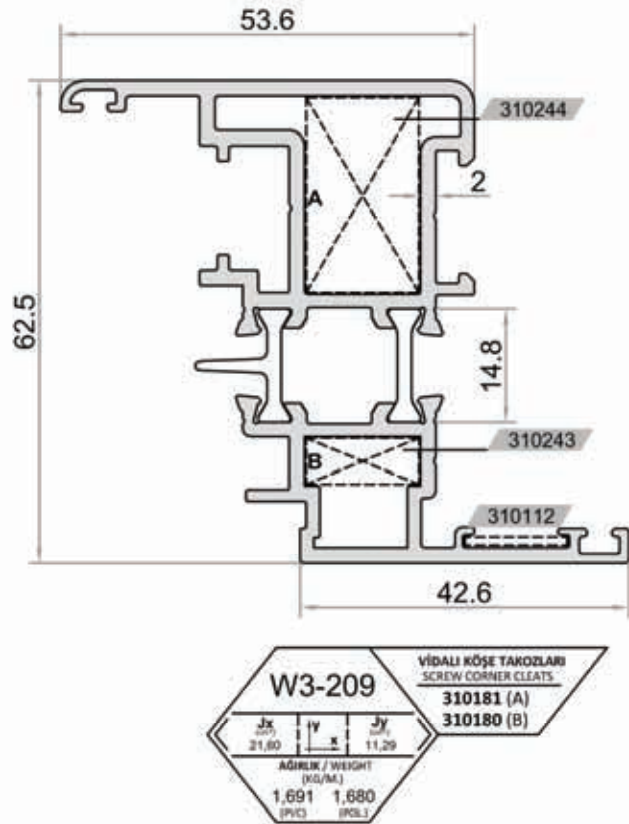
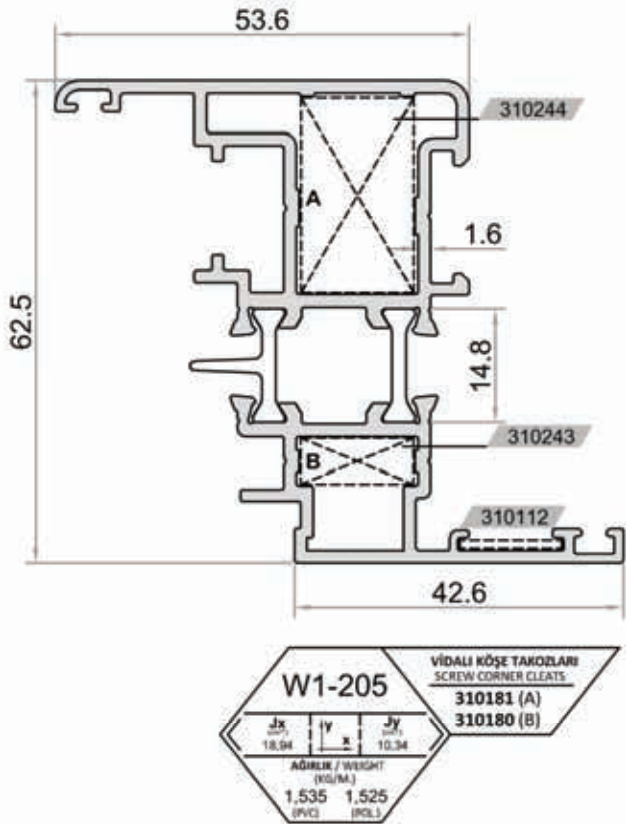
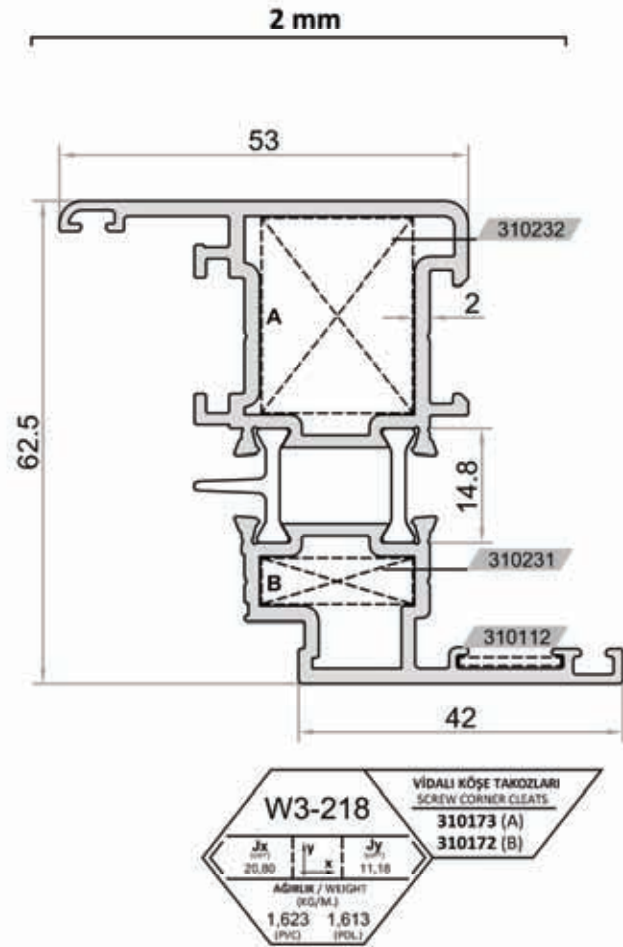
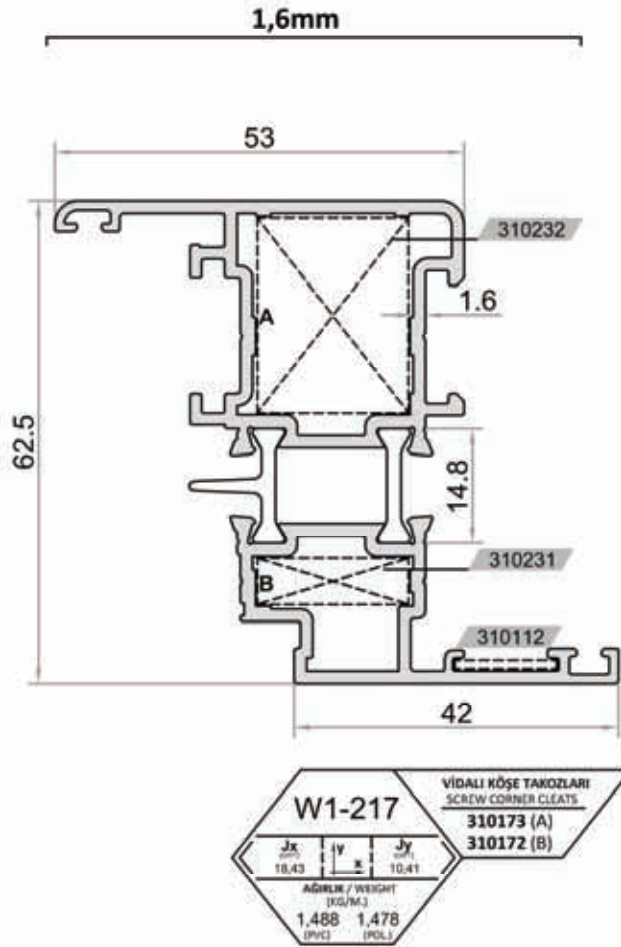


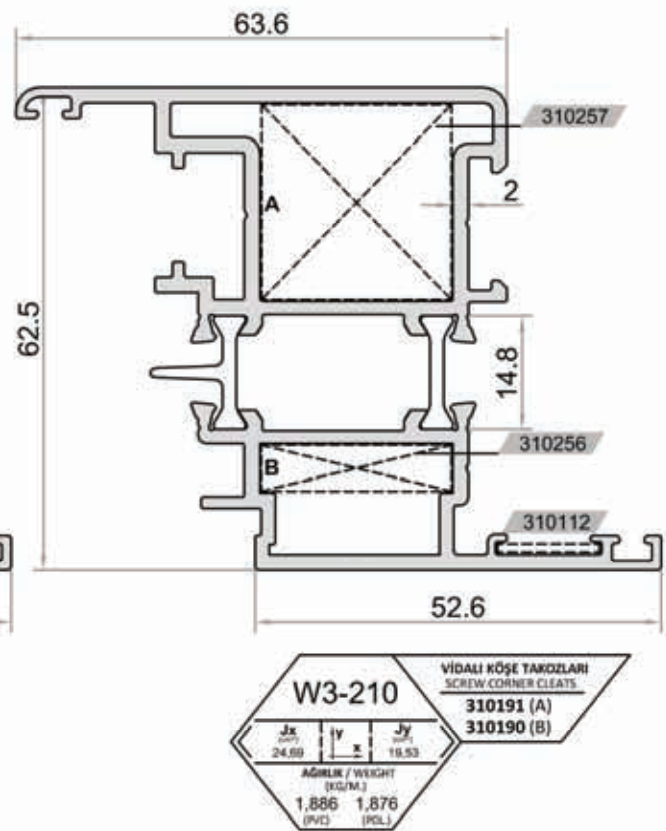
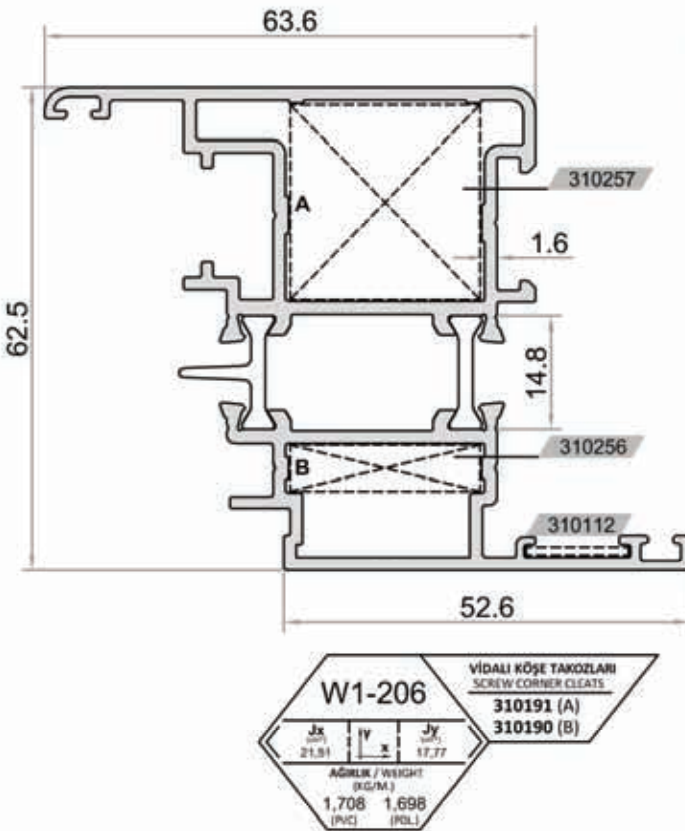
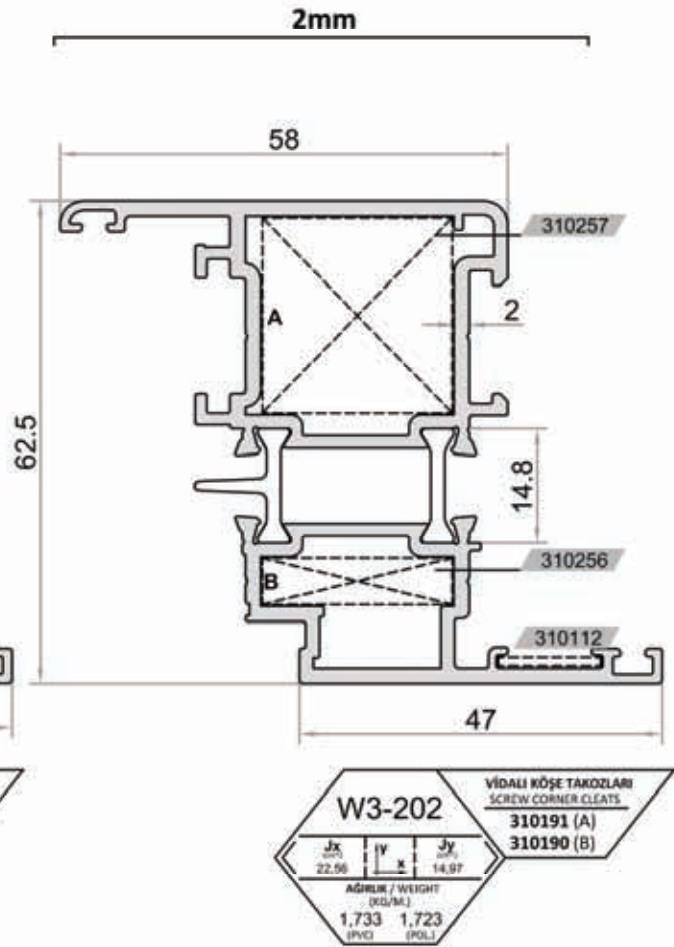
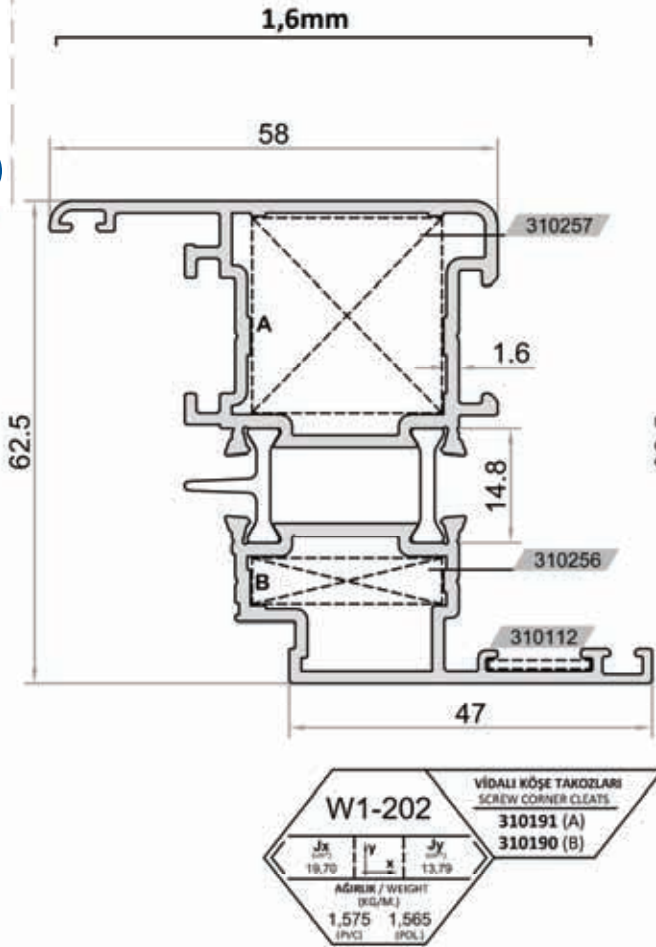
W3-302			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Jy	Jz	310189 (A)	310188 (B)
15,77	15,59	15,59	310454 (A)	310365 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,737	1,729			
(PVC)	(POL.)			

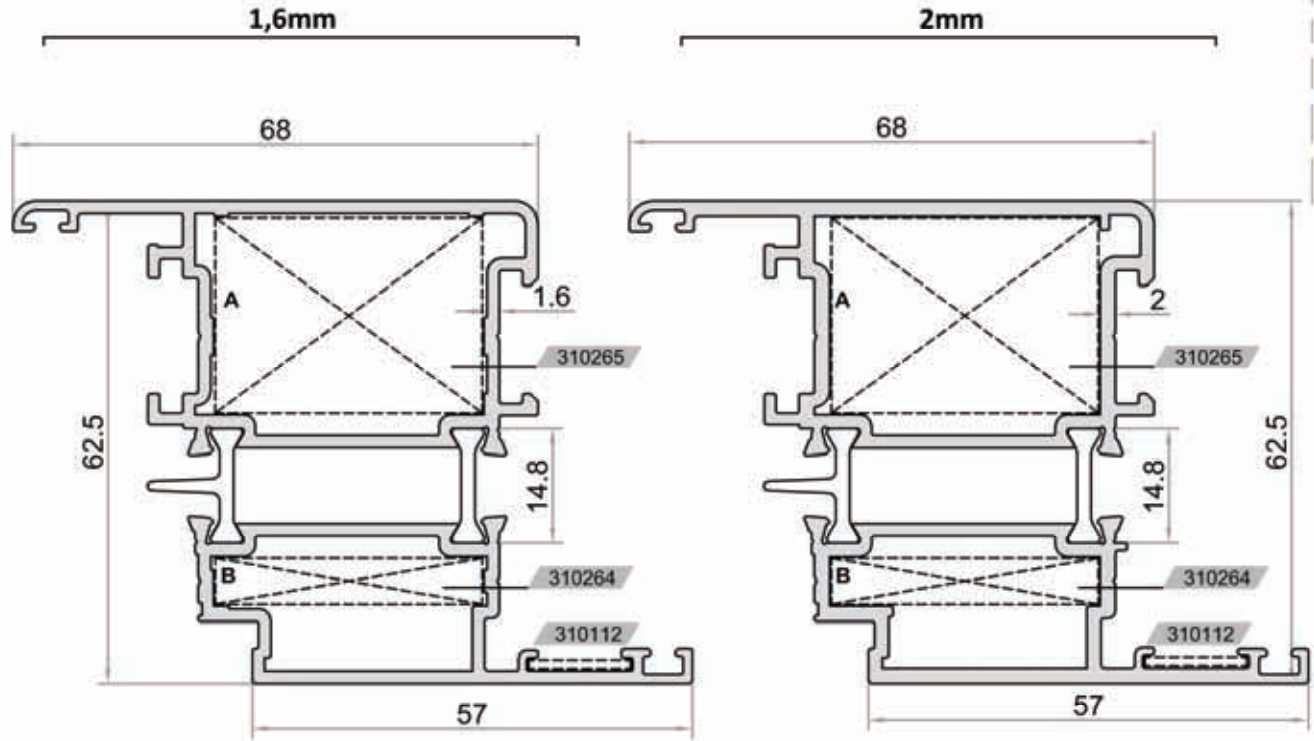






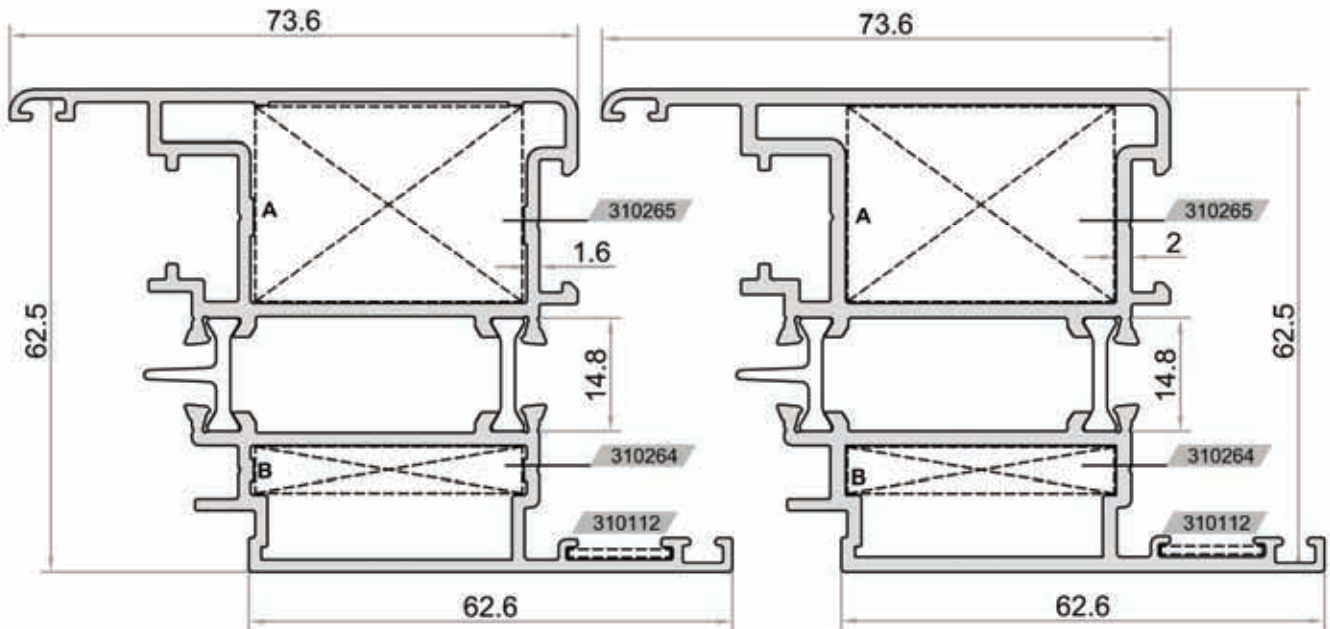






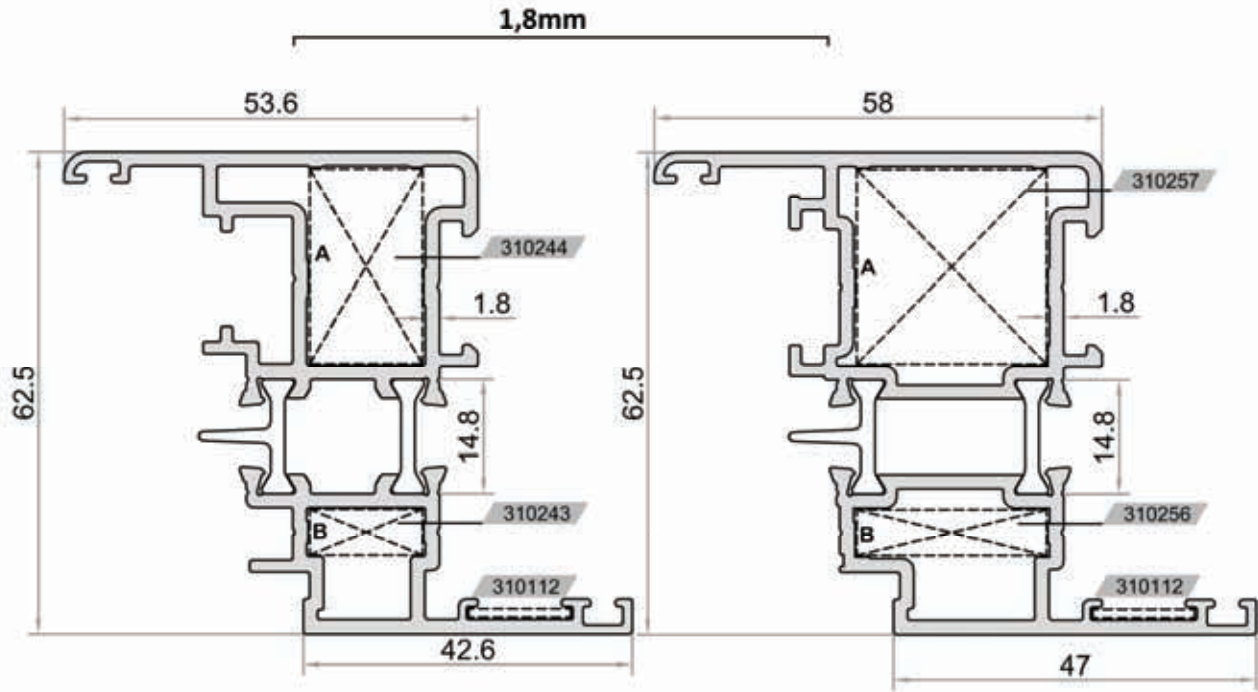
W1-203			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	iy	Jy	310199 (A)		
22,23	x	22,59	310198 (B)		
AĞIRLIK / WEIGHT (KG/M.)					
1,748	1,738				
(PVC)	(POL)				

W3-203			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	iy	Jy	310199 (A)		
25,61	x	24,68	310198 (B)		
AĞIRLIK / WEIGHT (KG/M.)					
1,928	1,918				
(PVC)	(POL)				



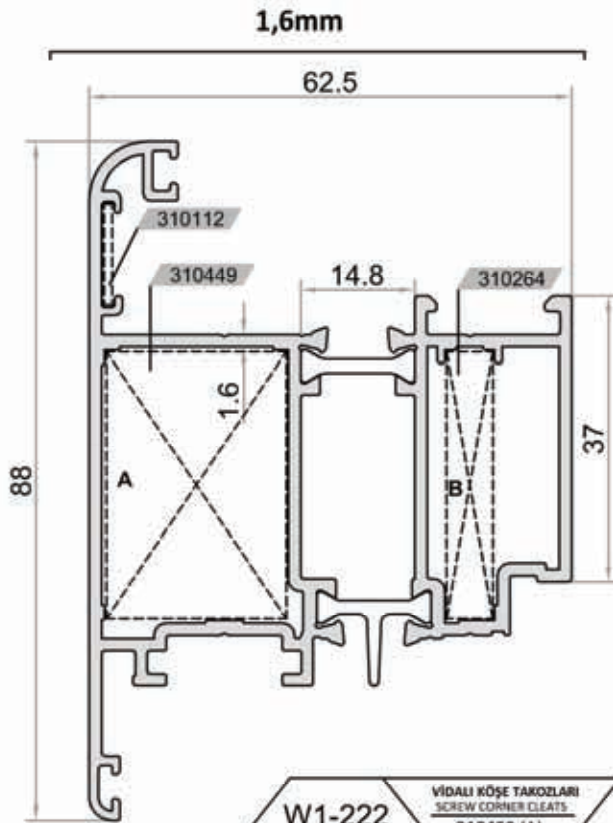
W1-221			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	iy	Jy	310199 (A)		
24,07	x	28,11	310198 (B)		
AĞIRLIK / WEIGHT (KG/M.)					
1,882	1,872				
(PVC)	(POL)				

W3-221			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	iy	Jy	310199 (A)		
27,79	x	30,91	310198 (B)		
AĞIRLIK / WEIGHT (KG/M.)					
2,112	2,101				
(PVC)	(POL)				

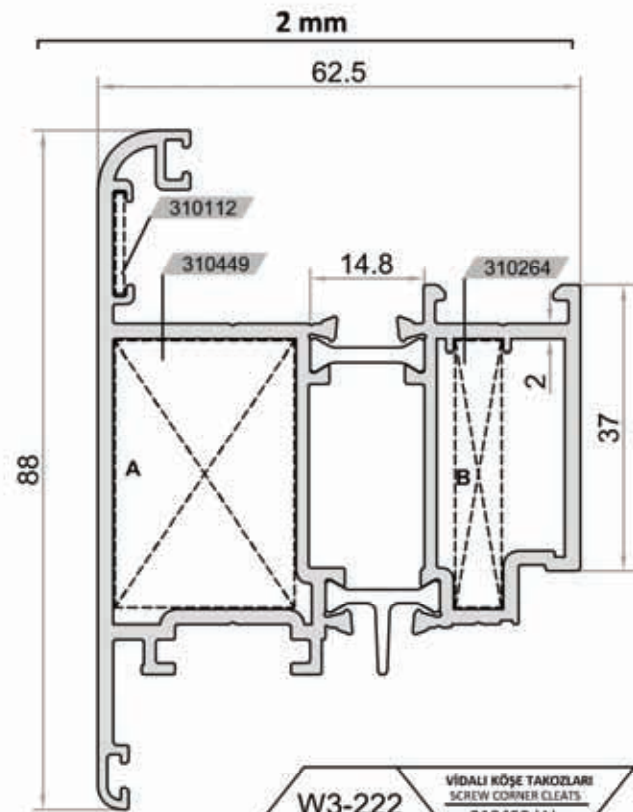


W1-223			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	Iy	Jy	310181 (A)	310180 (B)	
20.39	10.78	10.78			
AĞIRLIK / WEIGHT (KG/M.)					
1.625	1.615				
(PVC)	(POL.)				

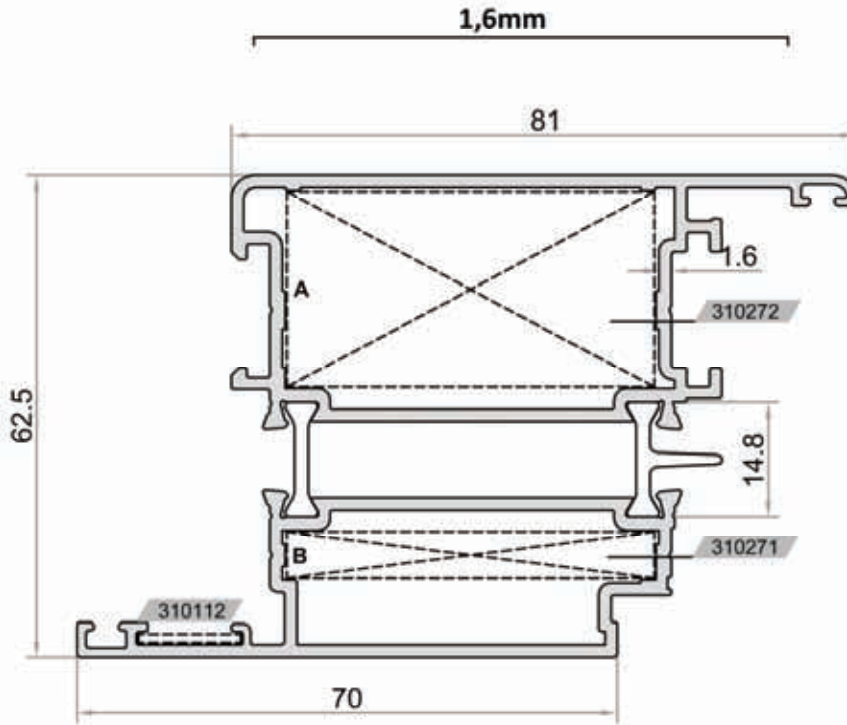
W1-220			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	Iy	Jy	310191 (A)	310190 (B)	
21.23	14.39	14.39			
AĞIRLIK / WEIGHT (KG/M.)					
1.670	1.660				
(PVC)	(POL.)				



W1-222			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	Iy	Jy	310450 (A)	310198 (B)	
21.83	25.62	25.62			
AĞIRLIK / WEIGHT (KG/M.)					
1.784	1.774				
(PVC)	(POL.)				



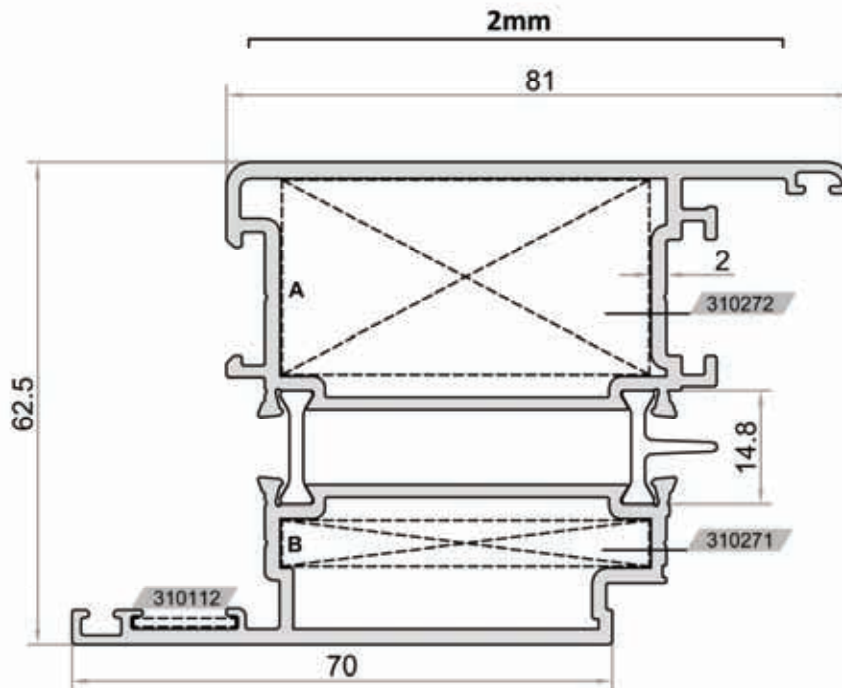
W3-222			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	Iy	Jy	310450 (A)	310198 (B)	
24.86	28.39	28.39			
AĞIRLIK / WEIGHT (KG/M.)					
1.973	1.963				
(PVC)	(POL.)				



W1-208			
Jx	Iy	Jy	
25.52	x	38.57	
AĞIRLIK / WEIGHT (KG/M.)			
1.974	1.964		
(PVC)	(POL.)		

VIDALI KÖŞE TAKOZLARI
SCREW CORNER CLEATS

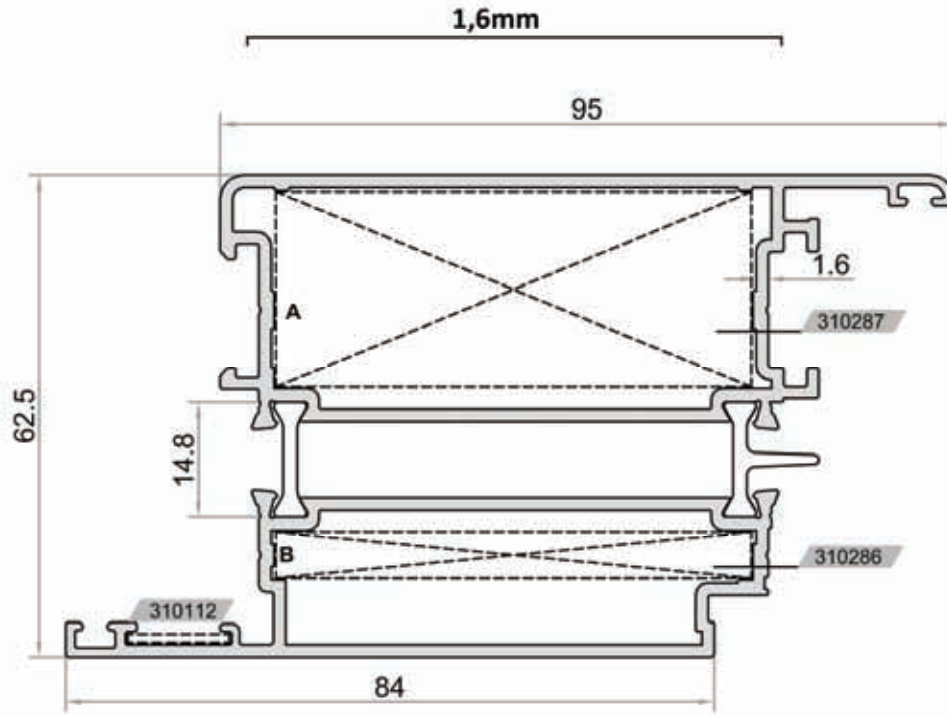
310206 (A)
310205 (B)



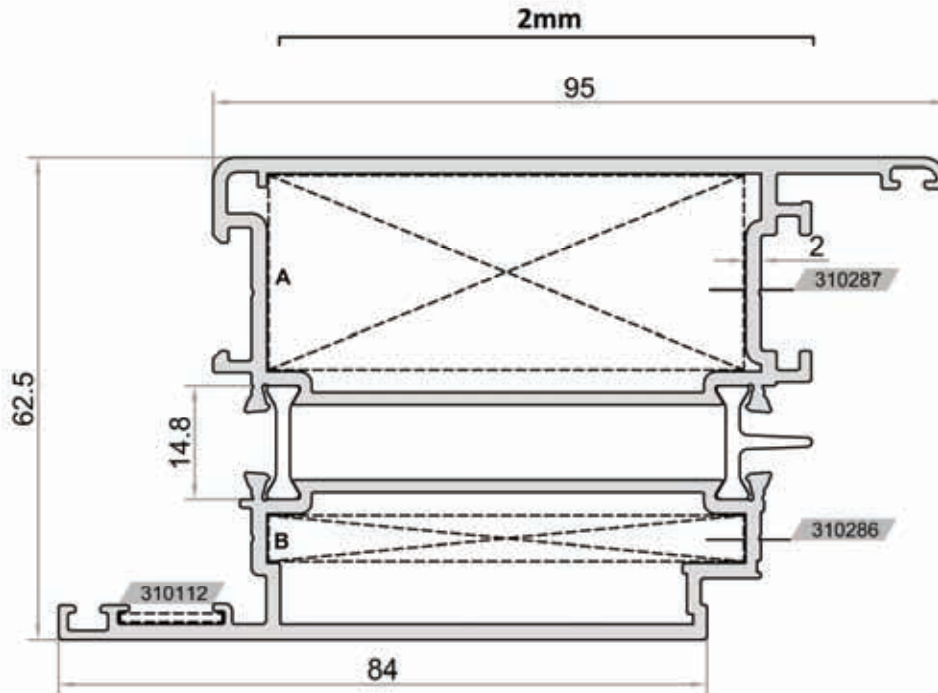
W3-213			
Jx	Iy	Jy	
29.36	x	41.97	
AĞIRLIK / WEIGHT (KG/M.)			
2.169	2.159		
(PVC)	(POL.)		

VIDALI KÖŞE TAKOZLARI
SCREW CORNER CLEATS

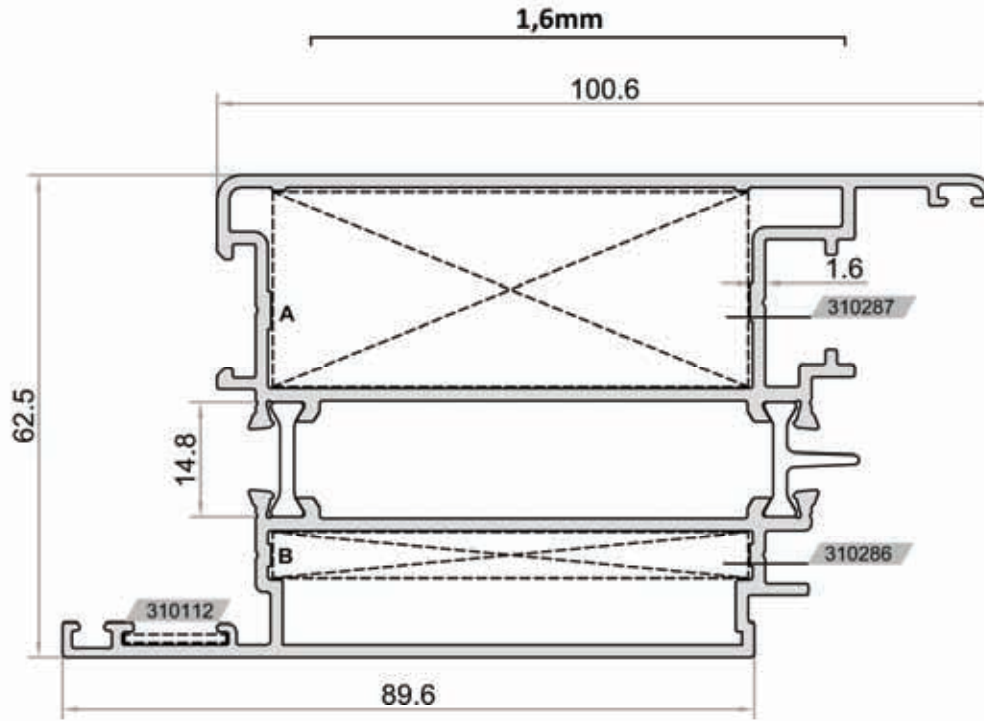
310206 (A)
310205 (B)



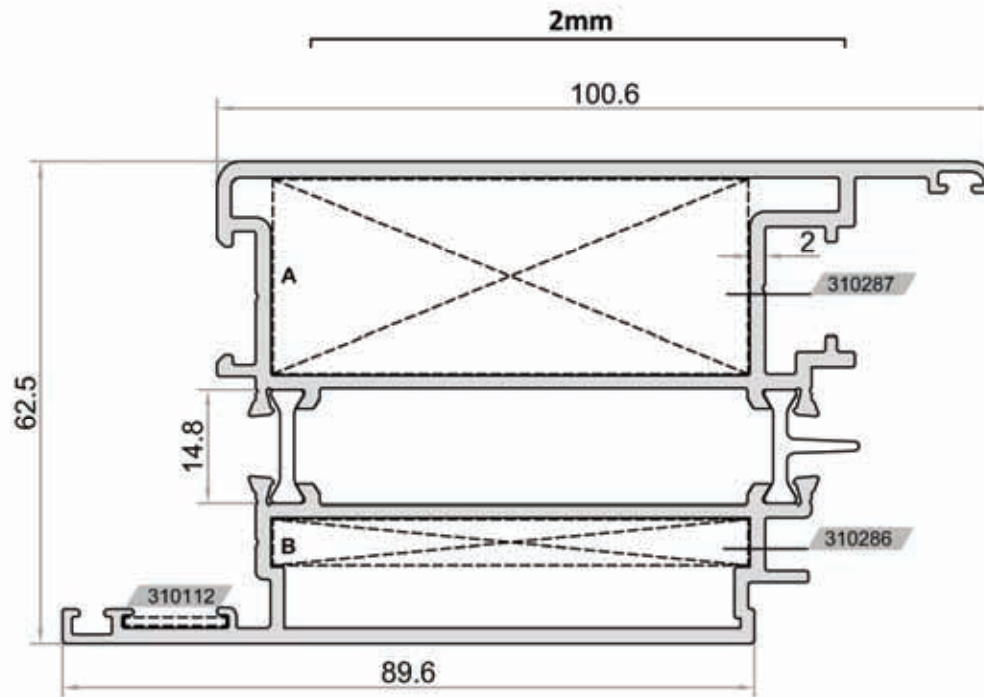
W1-212				VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx mm	IV mm	K mm	Jy mm	310221 (A)	310220 (B)
29.04			62.22		
AĞIRLIK / WEIGHT (KG/M.)					
2,217				2,206	
(PVC)				(POL.)	



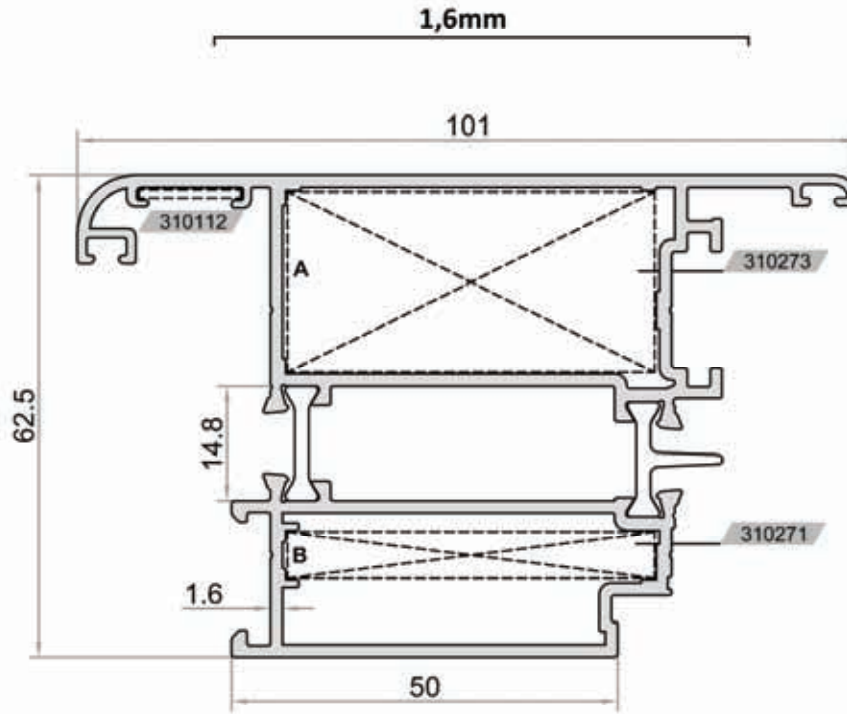
W3-204				VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx mm	IV mm	K mm	Jy mm	310221 (A)	310220 (B)
33.77			68.35		
AĞIRLIK / WEIGHT (KG/M.)					
2,455				2,445	
(PVC)				(POL.)	



W1-207				VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	IV	Jy	X	310221 (A)	310220 (B)
30.96		73.16			
AĞIRLIK / WEIGHT (KG/M.)					
2,350 (PVC)				2,340 (POL.)	

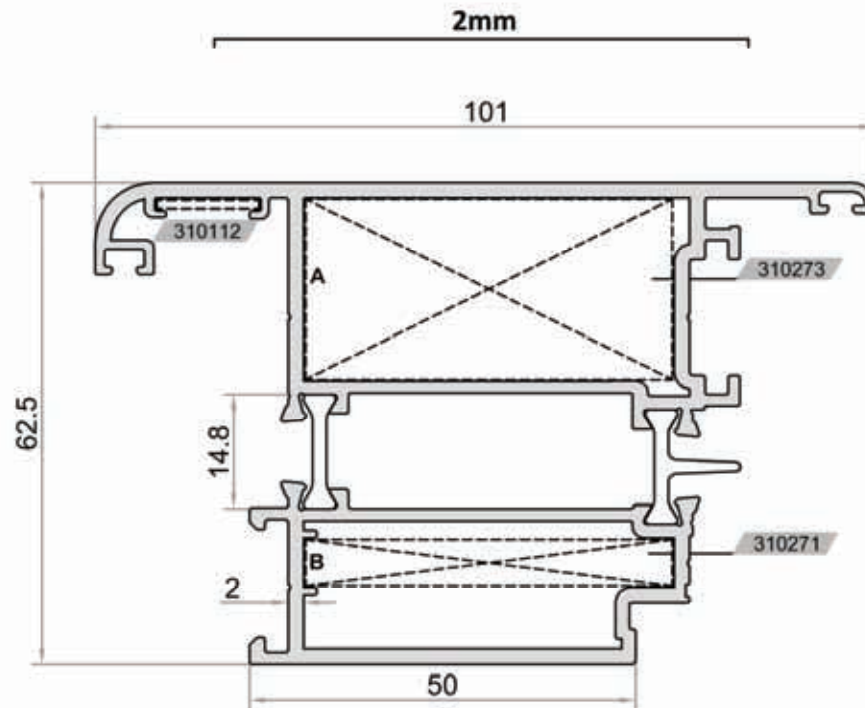


W3-211				VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	IV	Jy	X	310221 (A)	310220 (B)
35.95		80.71			
AĞIRLIK / WEIGHT (KG/M.)					
2,608 (PVC)				2,597 (POL.)	



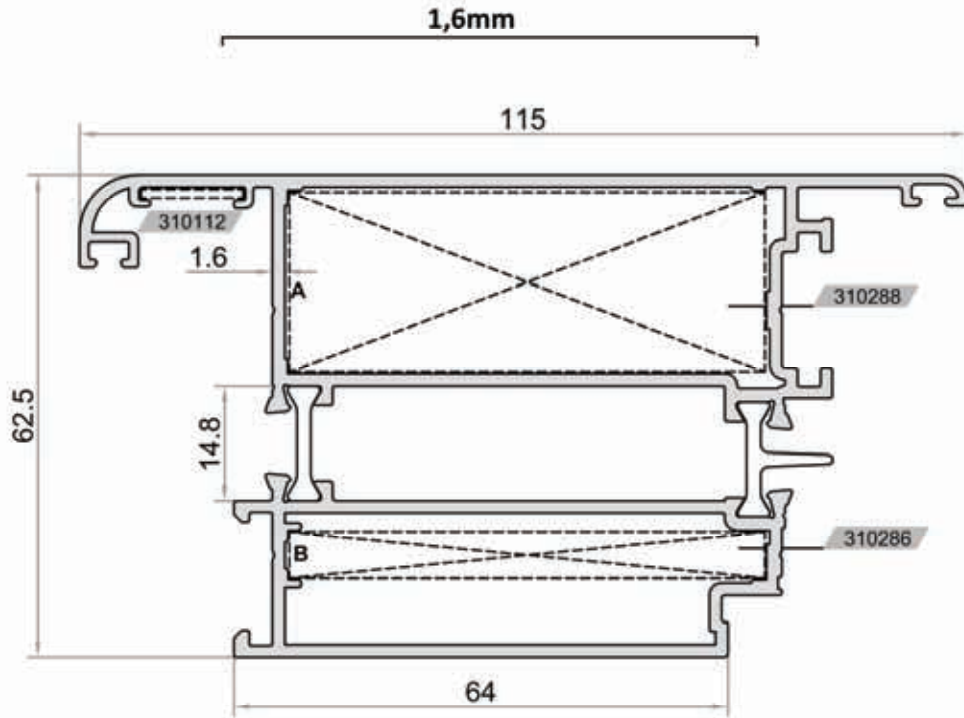
W1-209			
Jx	Iy	Jy	
25,27	x	42,53	
AĞIRLIK / WEIGHT (KG/M.)			
2,009	1,999		
(PVC)	(POL.)		

VİDALI KÖŞE TAKOZLARI
SCREW CORNER CLEATS
310207 (A)
310205 (B)

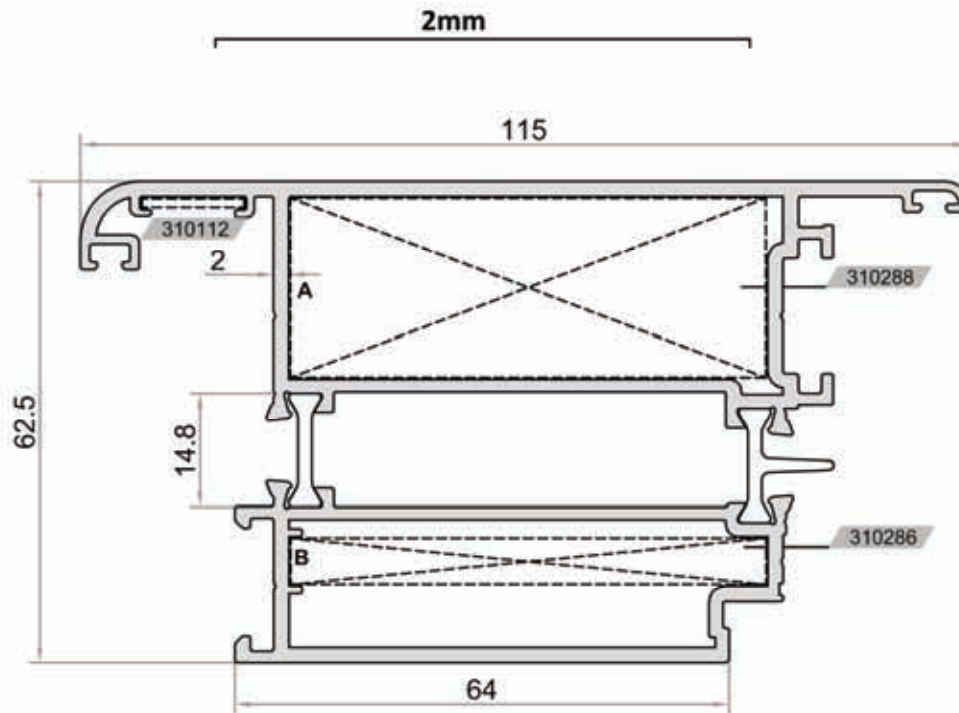


W3-212			
Jx	Iy	Jy	
29,01	x	47,17	
AĞIRLIK / WEIGHT (KG/M.)			
2,227	2,216		
(PVC)	(POL.)		

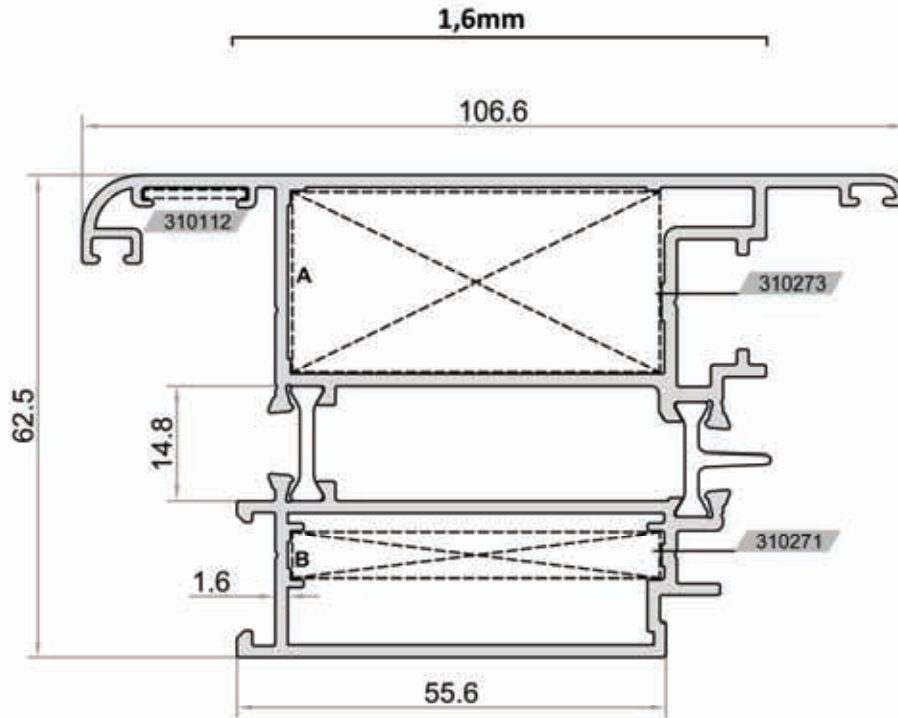
VİDALI KÖŞE TAKOZLARI
SCREW CORNER CLEATS
310207 (A)
310205 (B)



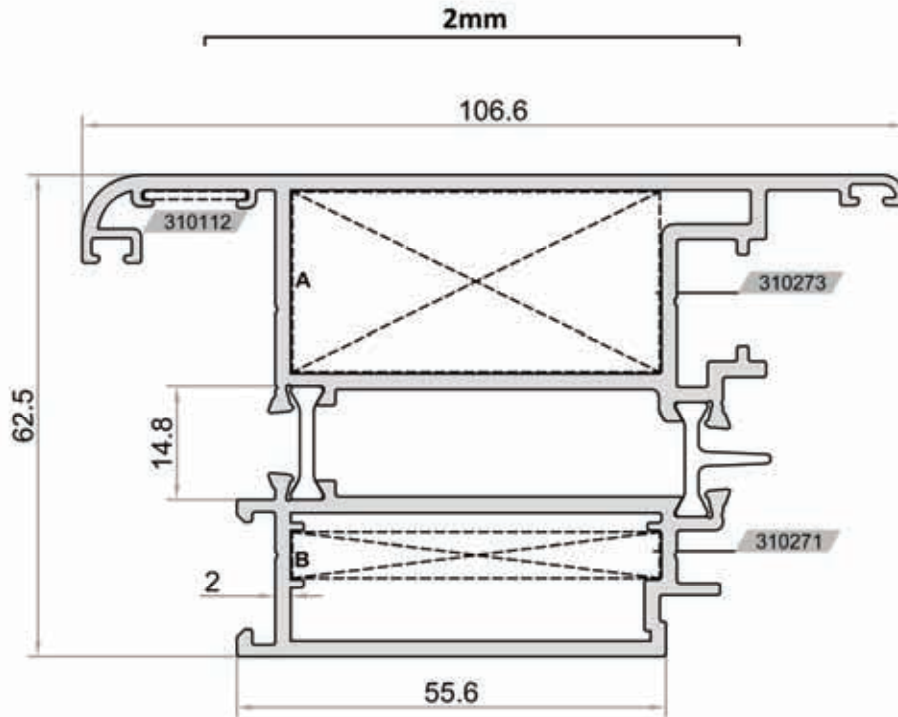
W1-210			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Iy	Jy	310222 (A)	310220 (B)
28.95	1.6	67.71		
AĞIRLIK / WEIGHT (KG/M.)				
2.255 (PVC)			2.245 (POL.)	



W3-206			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Iy	Jy	310222 (A)	310220 (B)
33.41	2	74.43		
AĞIRLIK / WEIGHT (KG/M.)				
2.497 (PVC)			2.487 (POL.)	



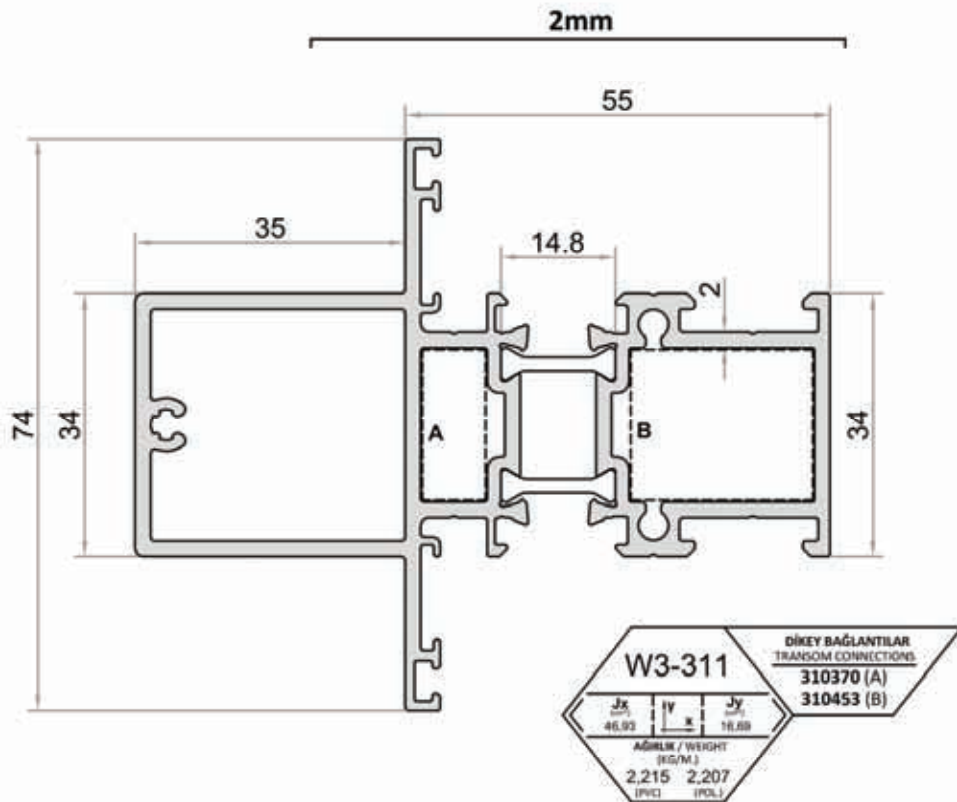
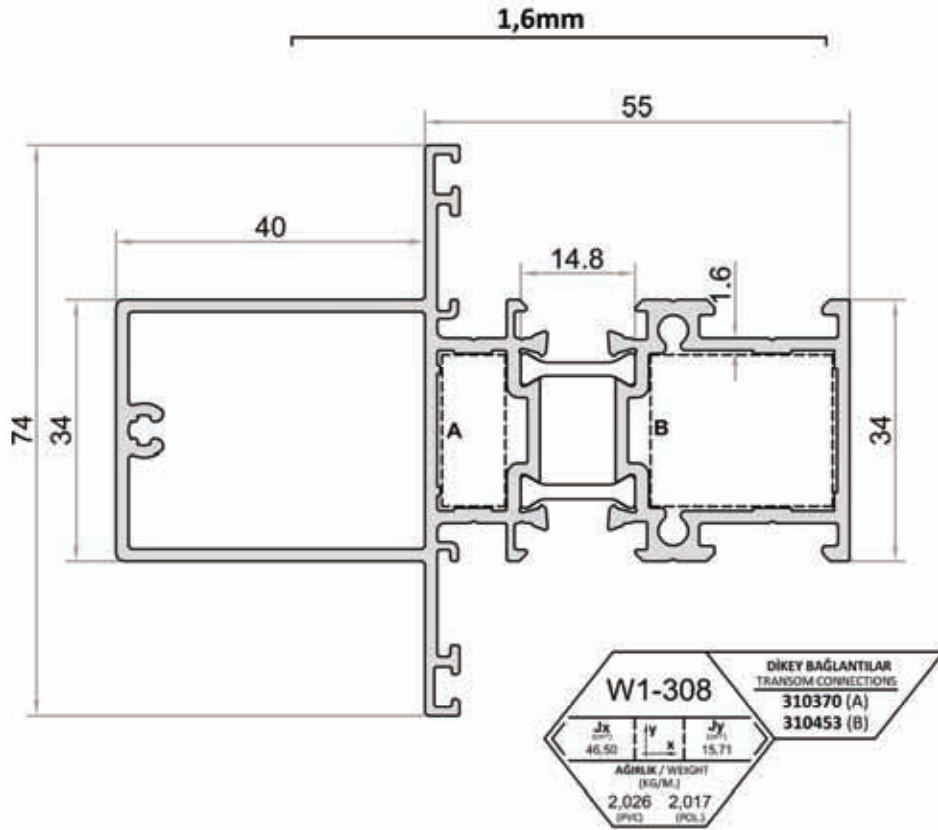
W1-218			VIDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	iy	Jy	310207 (A)	310205 (B)
26.99	10.84	50.84		
AĞIRLIK / WEIGHT (KG/M.)				
2.137	2.127			
(PVE)				

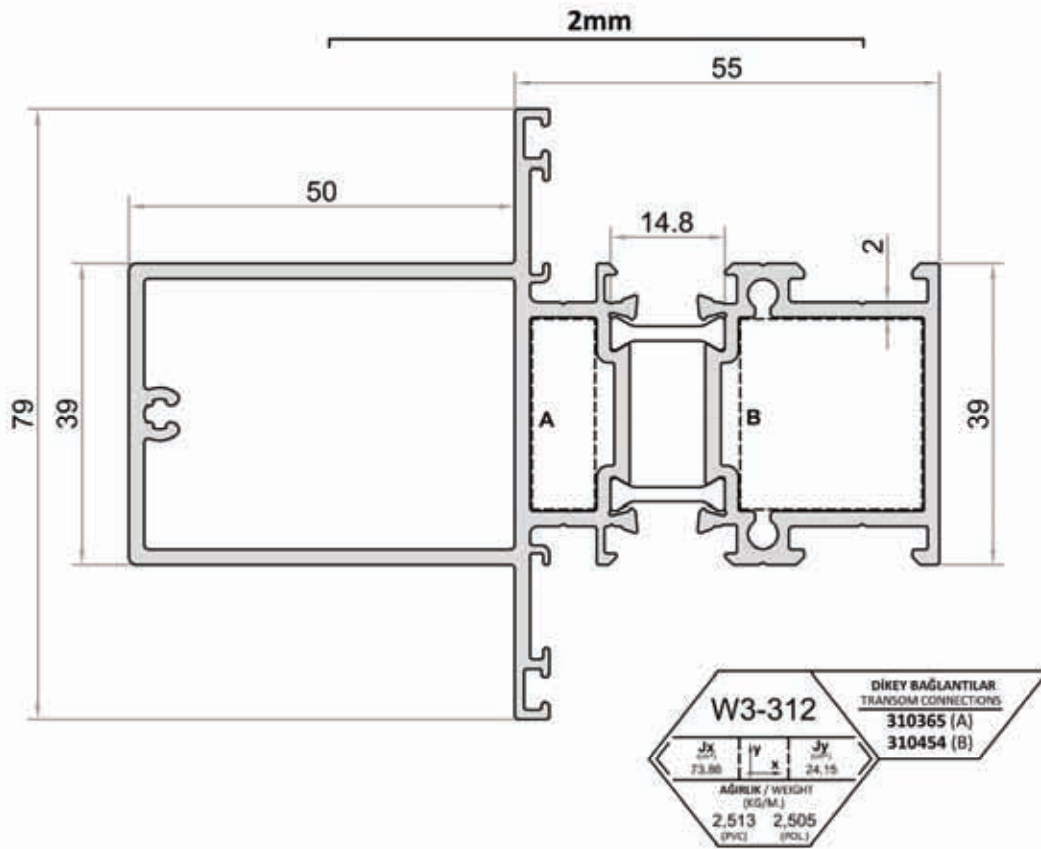
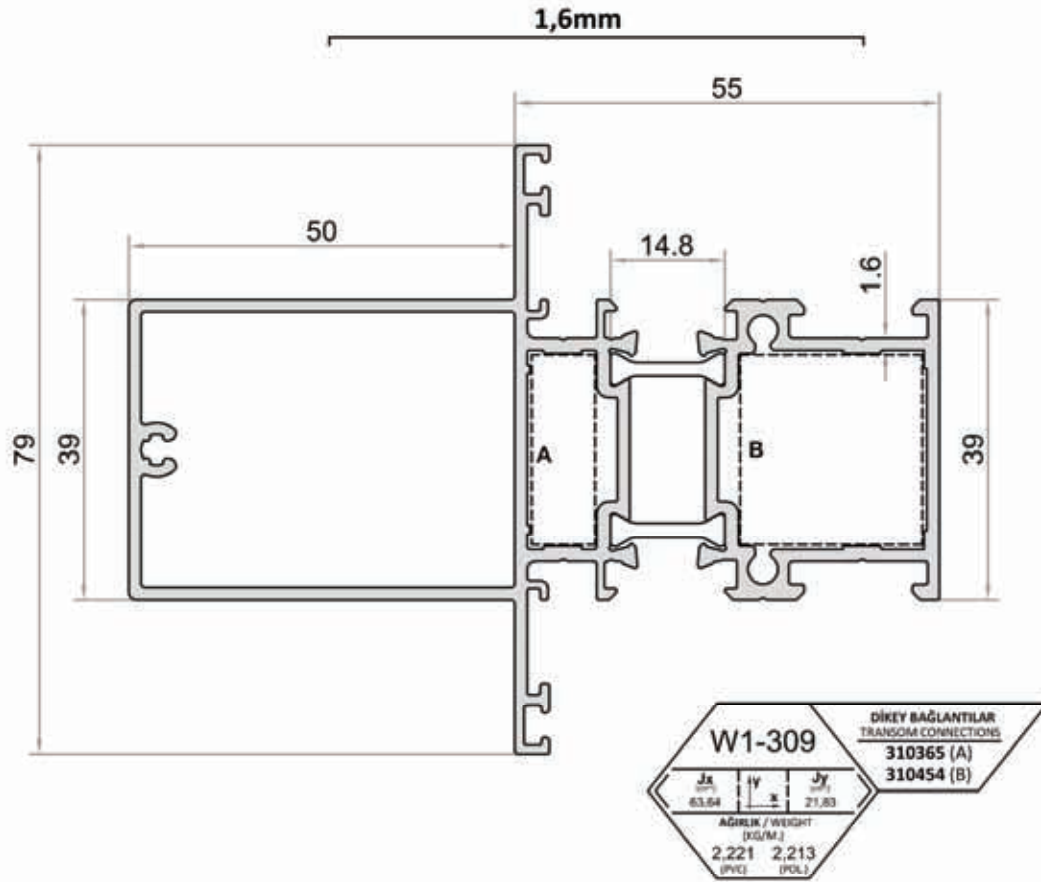


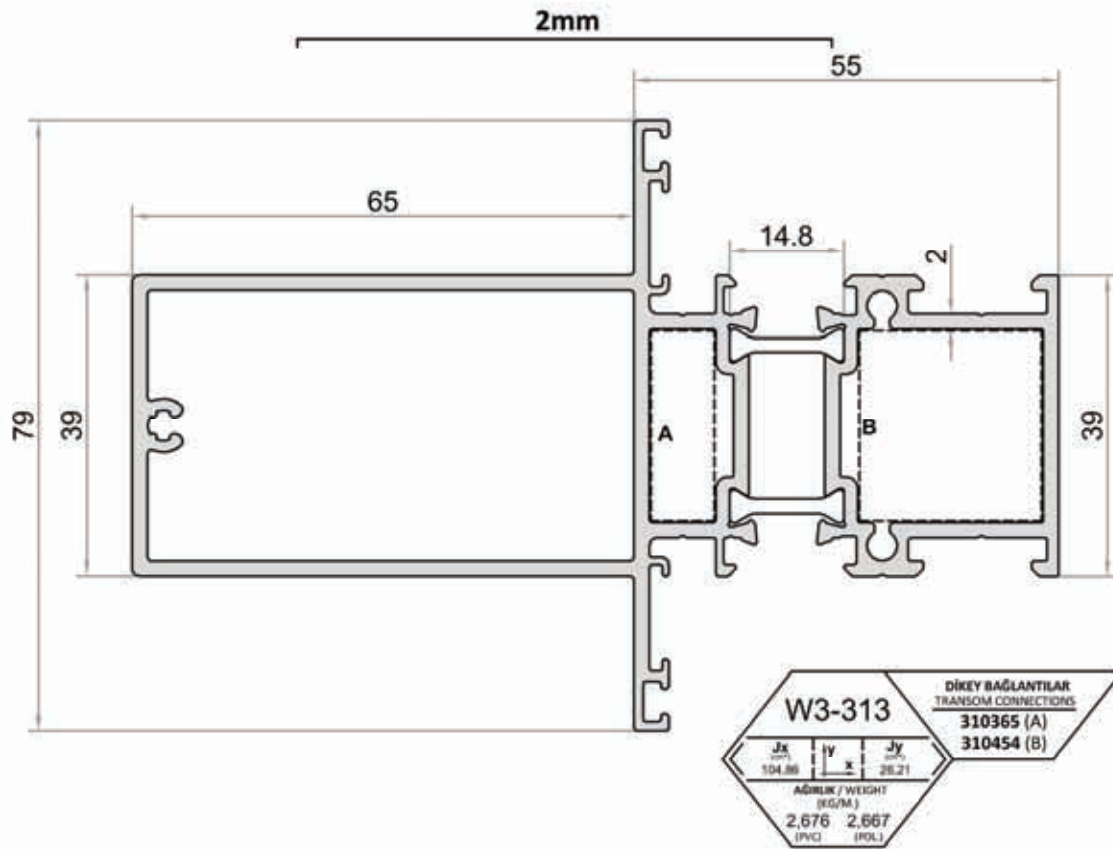
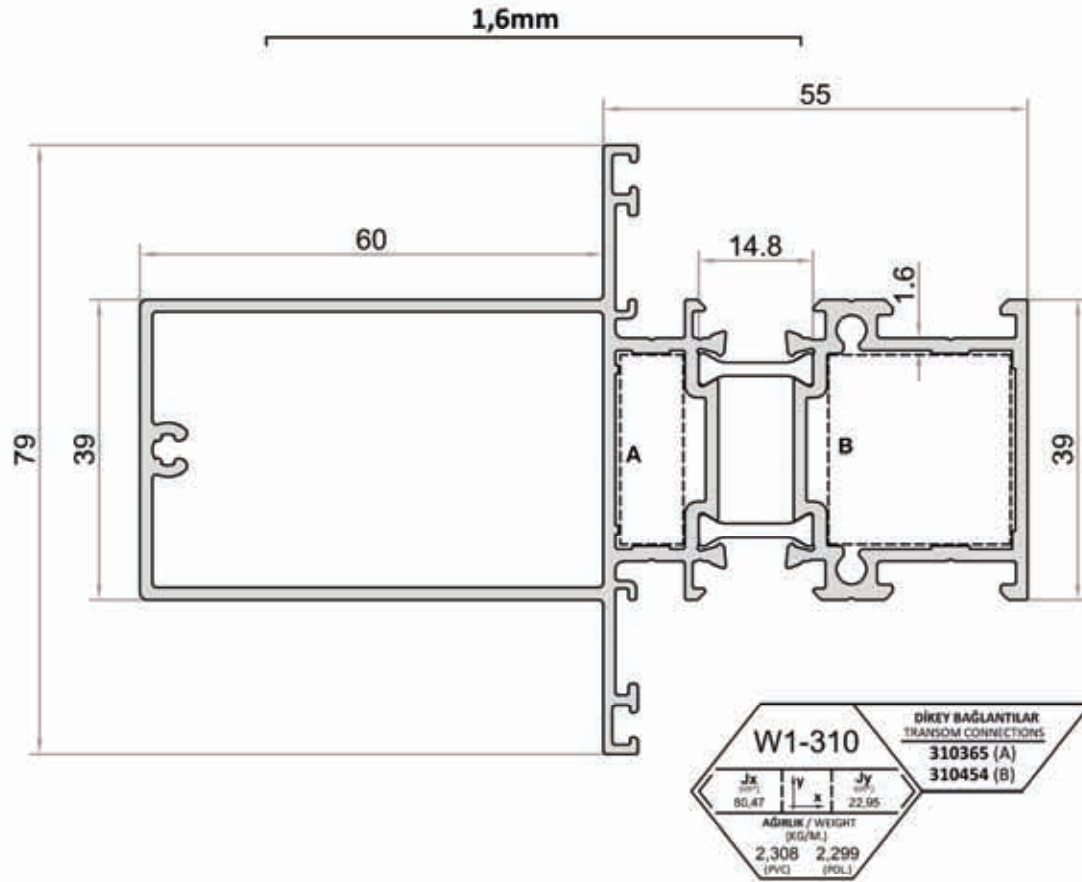
W3-223			VIDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	iy	Jy	310207 (A)	310205 (B)
33.77	10.84	68.35		
AĞIRLIK / WEIGHT (KG/M.)				
2.470	2.480			
(PVE)				

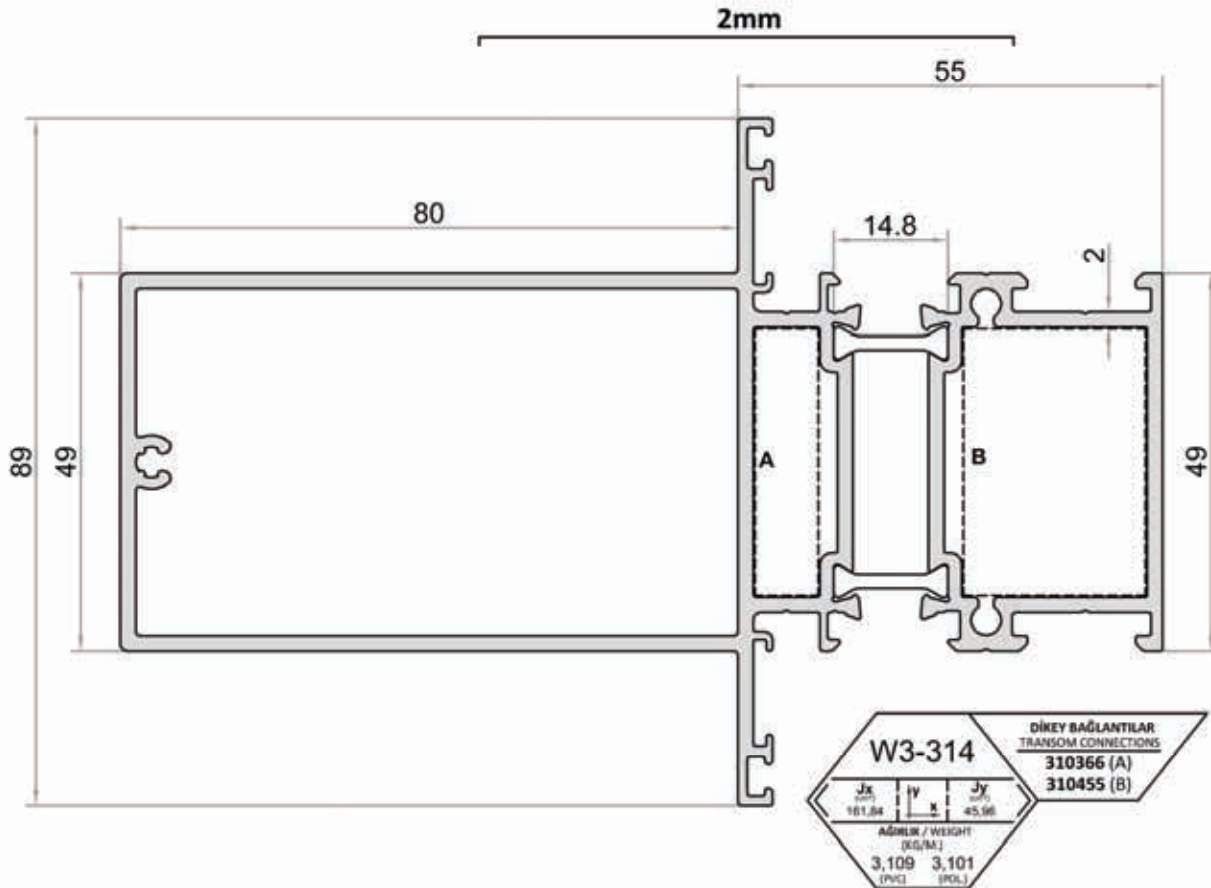
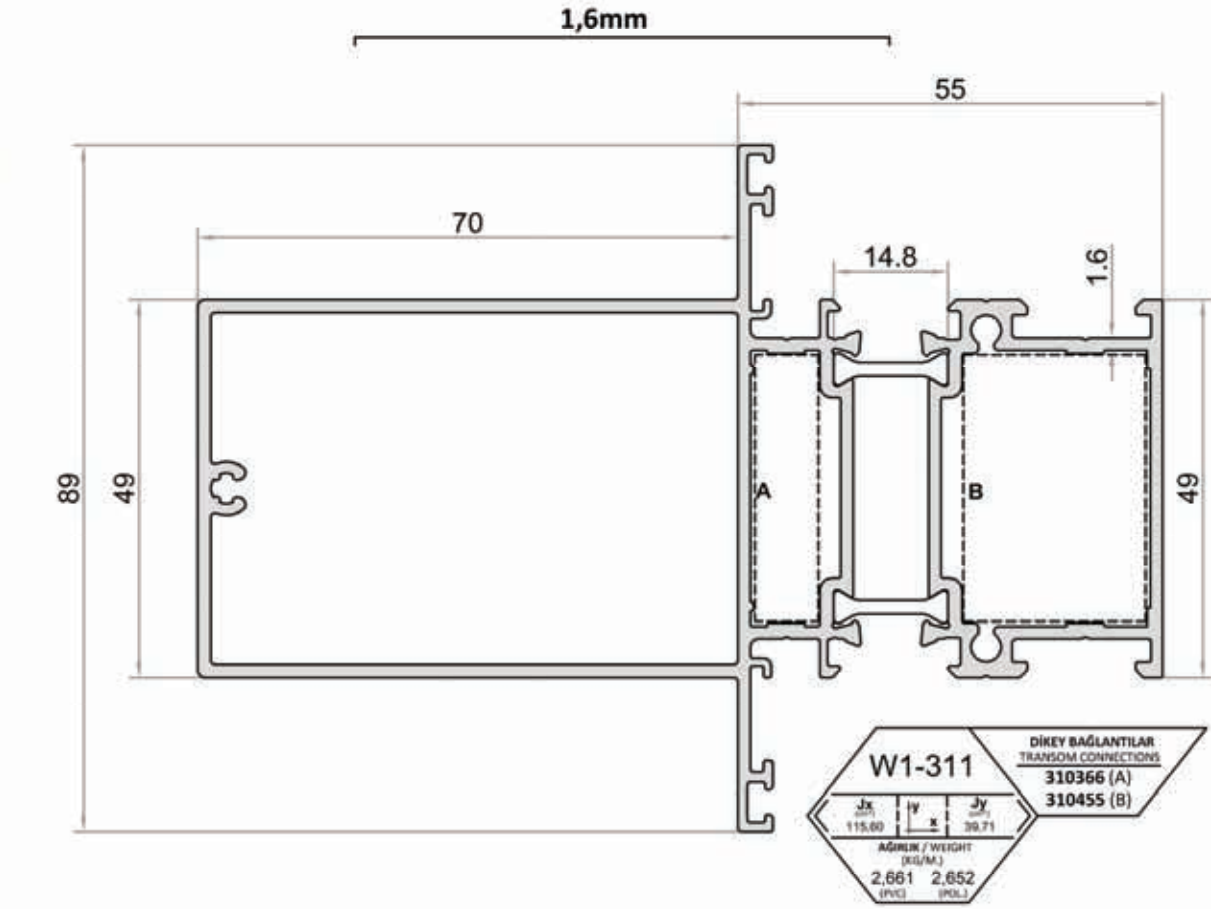


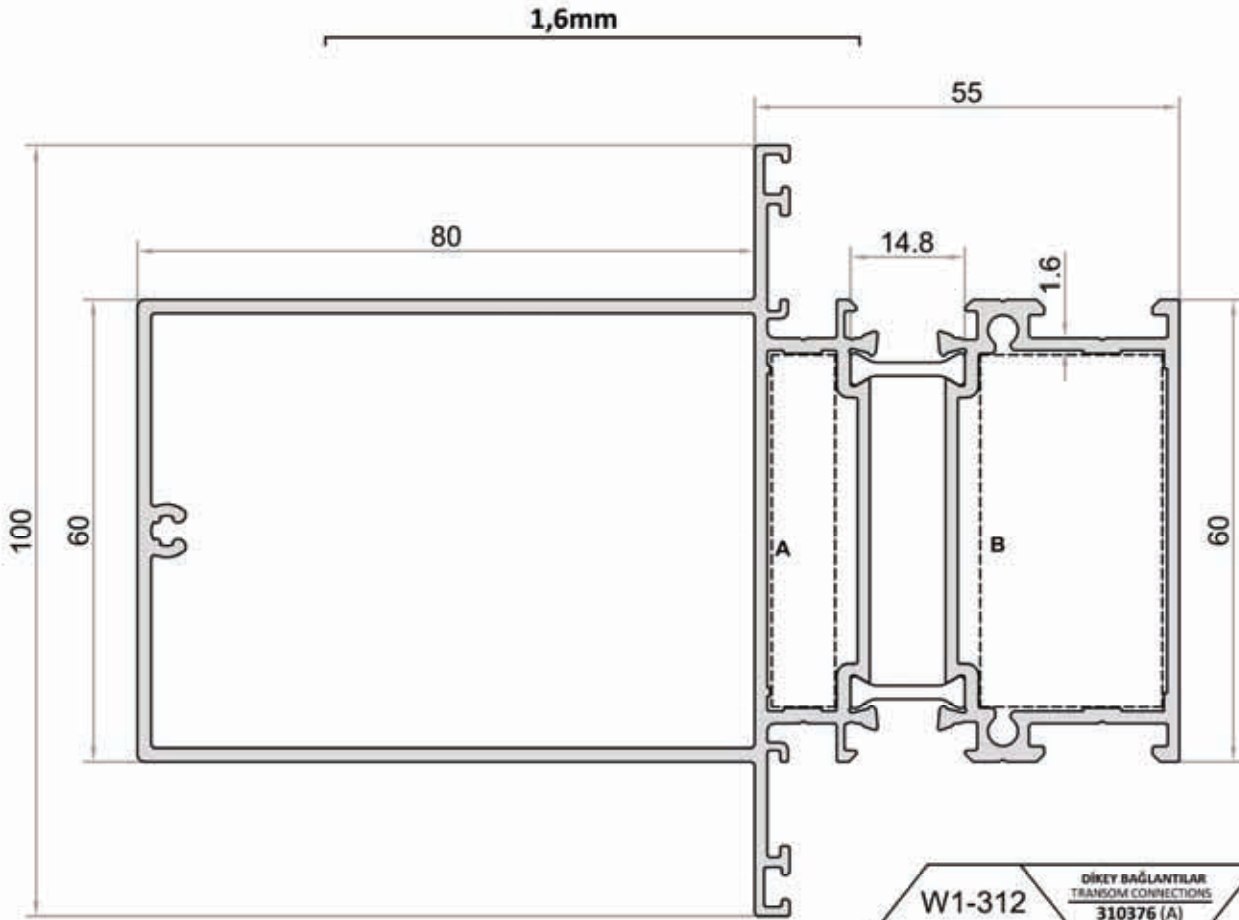
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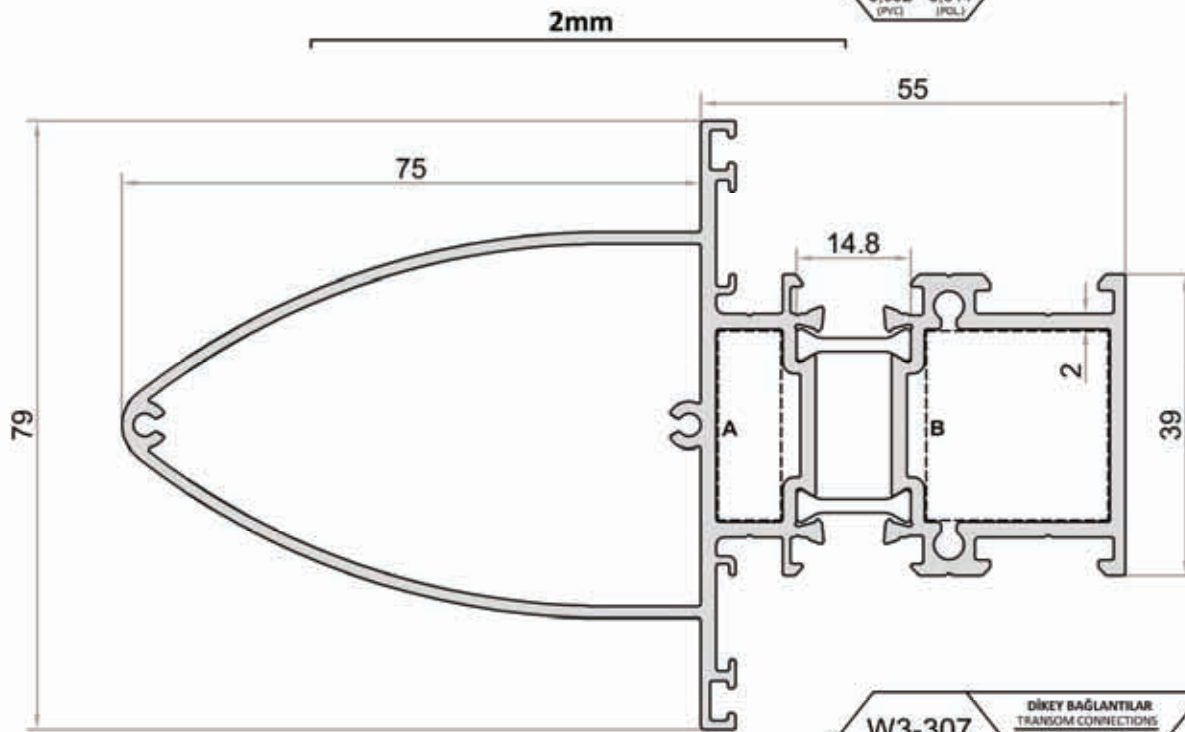




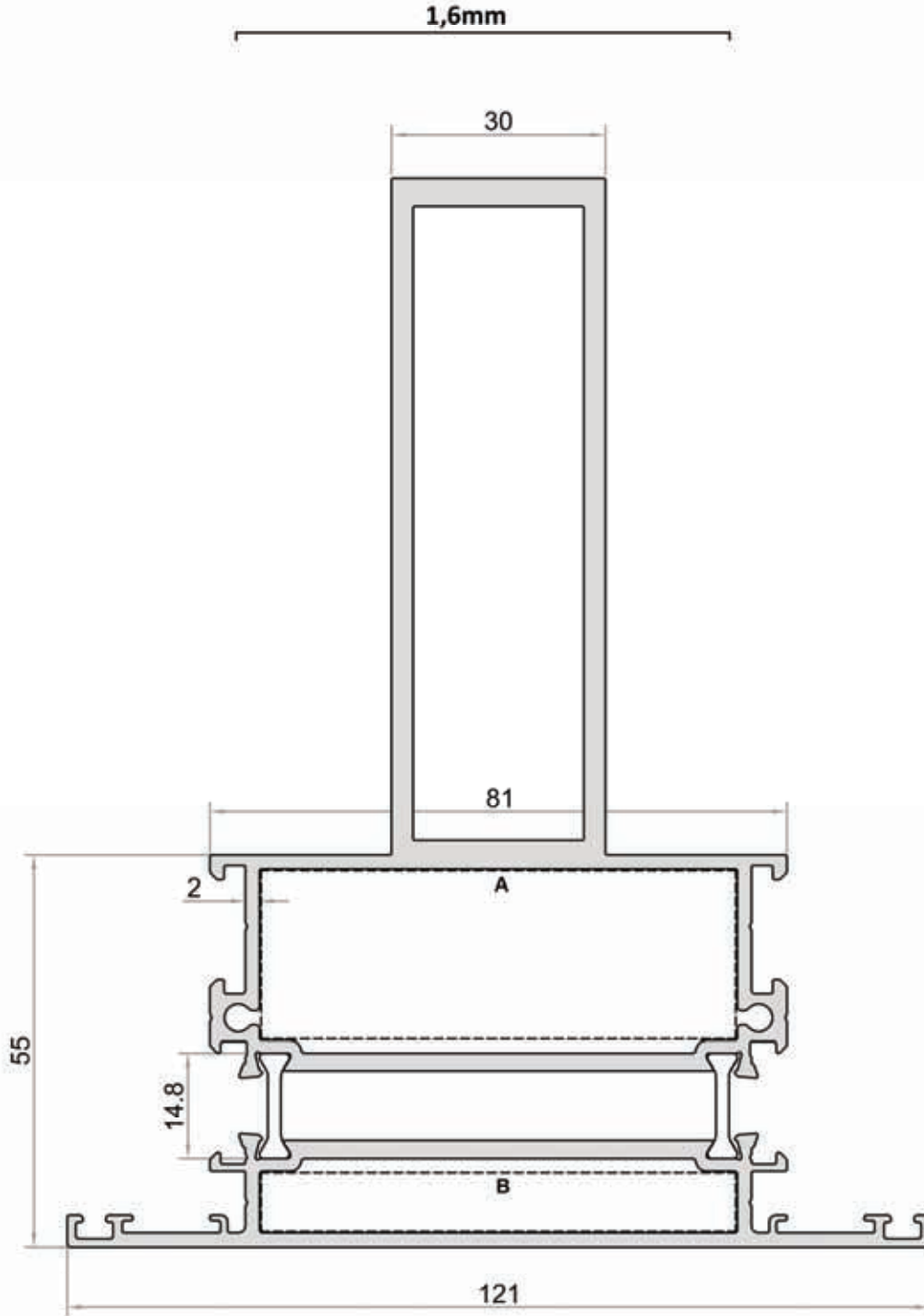




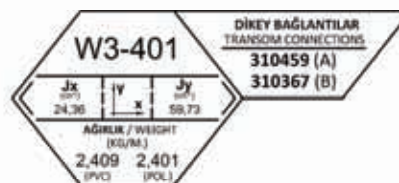
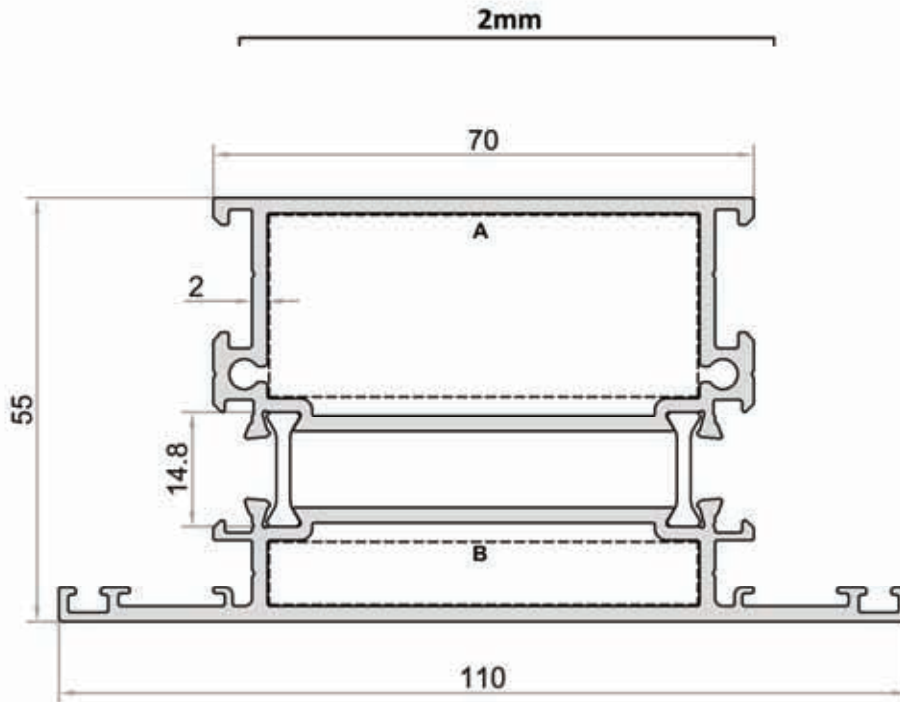
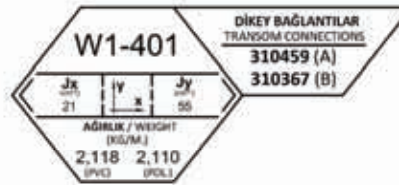
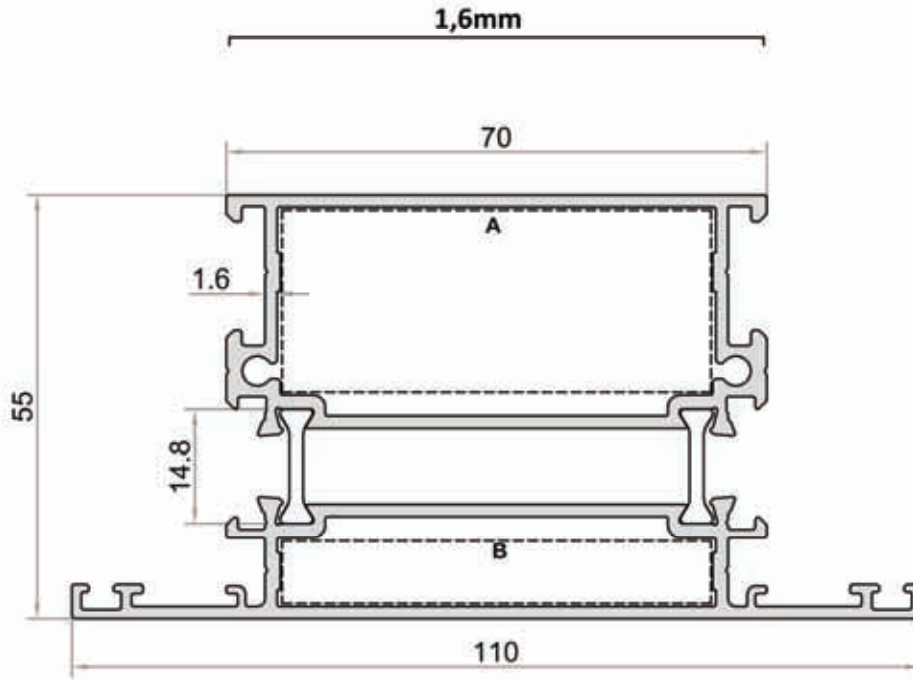
W1-312			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
J_x (cm ⁴)	J_y (cm ⁴)	J_z (cm ⁴)	310376 (A)	310456 (B)
162.73	1.6	86.06		
AĞIRLIK / WEIGHT (KG/M.)				
3.052 (PVC)	3.044 (POLI)			

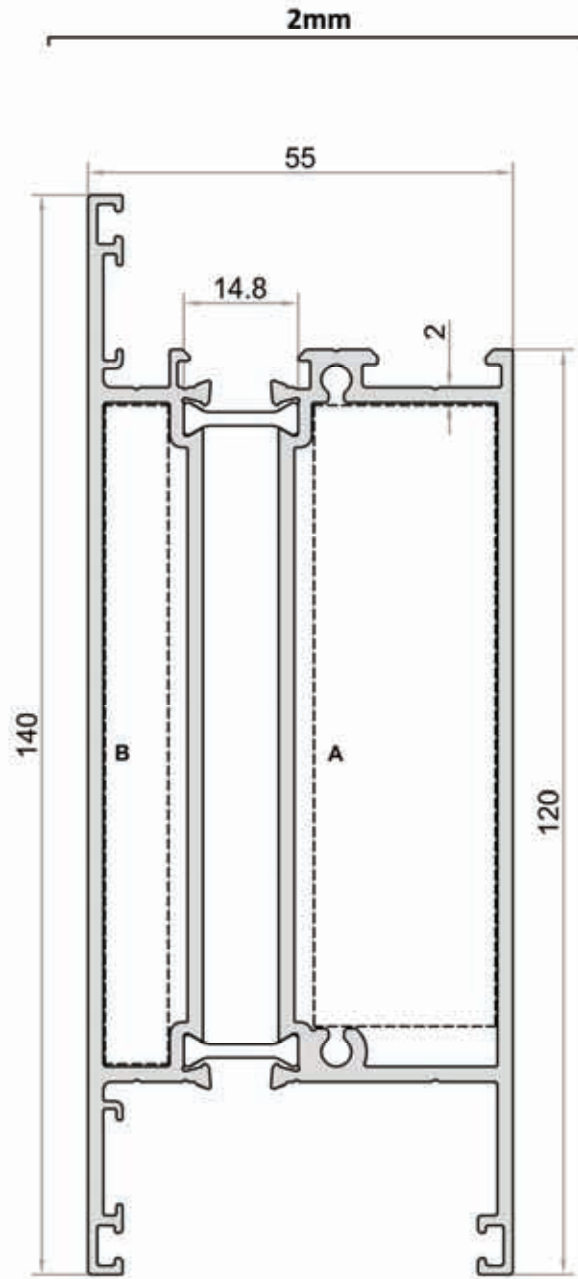
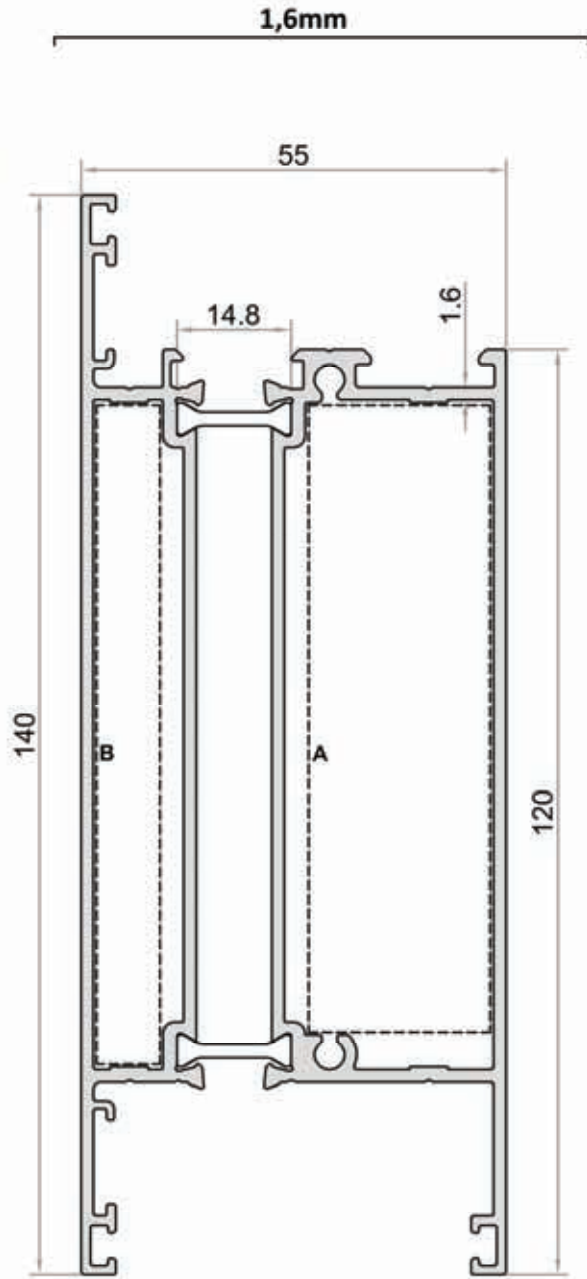


W3-307			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
J_x (cm ⁴)	J_y (cm ⁴)	J_z (cm ⁴)	310365 (A)	310454 (B)
88.21	1.6	25.33		
AĞIRLIK / WEIGHT (KG/M.)				
2.459 (PVC)	2.451 (POLI)			



W3-309				DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
Jx	IV	X	Jy	310460 (A)	310372 (B)
338,72			96,80		
AĞIRLIK / WEIGHT (KG/MA)					
4,733 (PVC)		4,725 (PDL)			



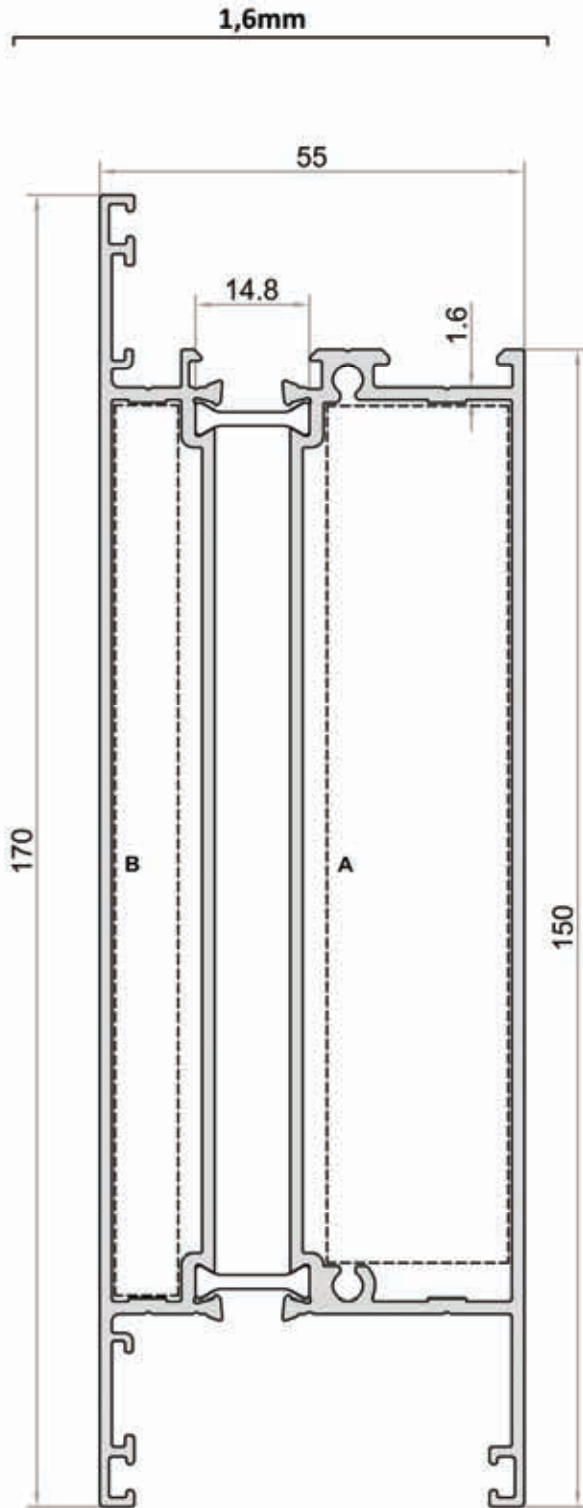


W1-403			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
Jx 135.78	Iy x	Jy 29.32	310482 (A)	310375 (B)
AĞIRLIK / WEIGHT (KG/M)				
2,690 2,682				
(PVC)			(POLI)	

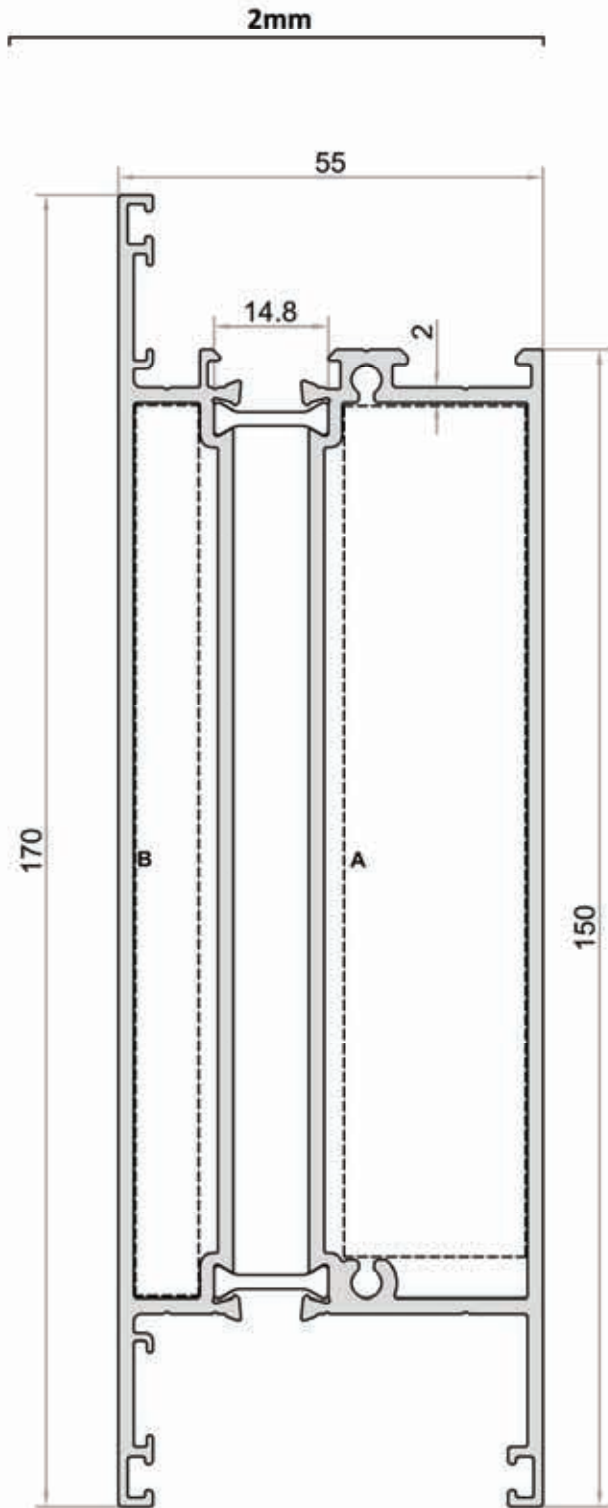
W3-403			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
Jx 151.61	Iy x	Jy 34.55	310483 (A)	310375 (B)
AĞIRLIK / WEIGHT (KG/M)				
3,144 3,136				
(PVC)			(POLI)	



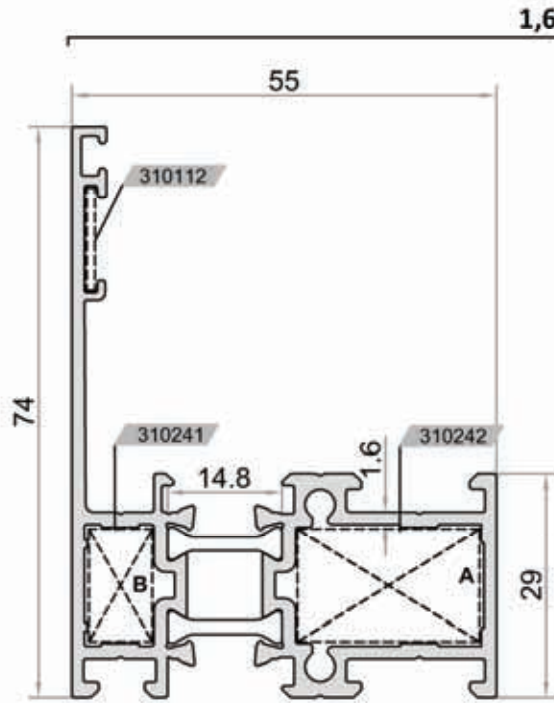
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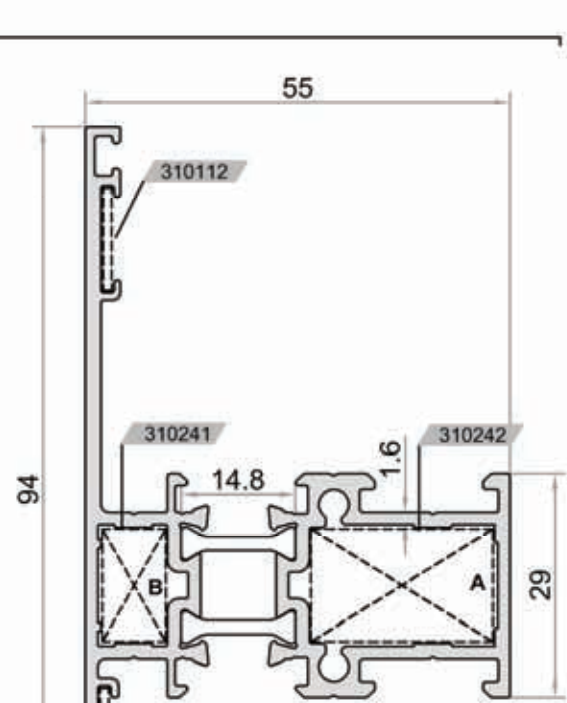
W1-402			
DİKEY BAĞLANTILAR TRANSOM CONNECTIONS			
Jx	Jy	x	y
249,88	36,79		
AĞIRLIK / WEIGHT (KG/M.)			
3,211	3,202		
(PVC)	(PDL)		



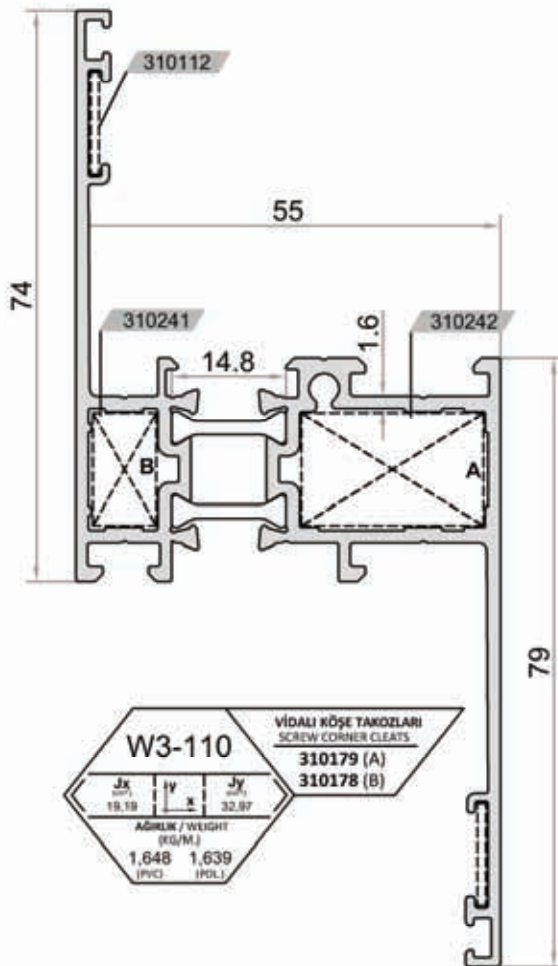
W3-402			
DİKEY BAĞLANTILAR TRANSOM CONNECTIONS			
Jx	Jy	x	y
287,50	41,90		
AĞIRLIK / WEIGHT (KG/M.)			
3,795	3,786		
(PVC)	(PDL)		



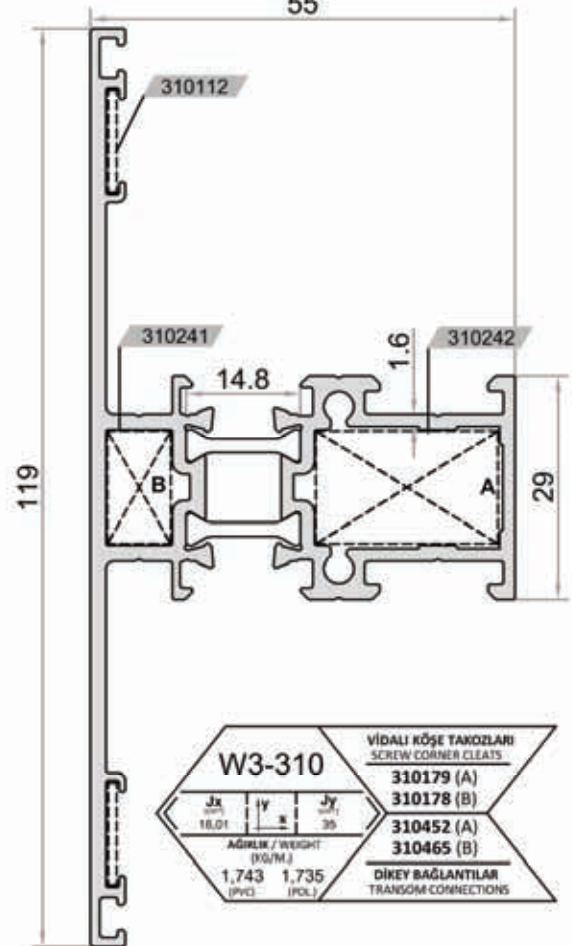
W3-111		
VIDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	iy	Jy
13,15	14,83	14,83
AĞIRLIK / WEIGHT (KG/M.)		
1,425	1,417	
(PVC)	(POL.)	



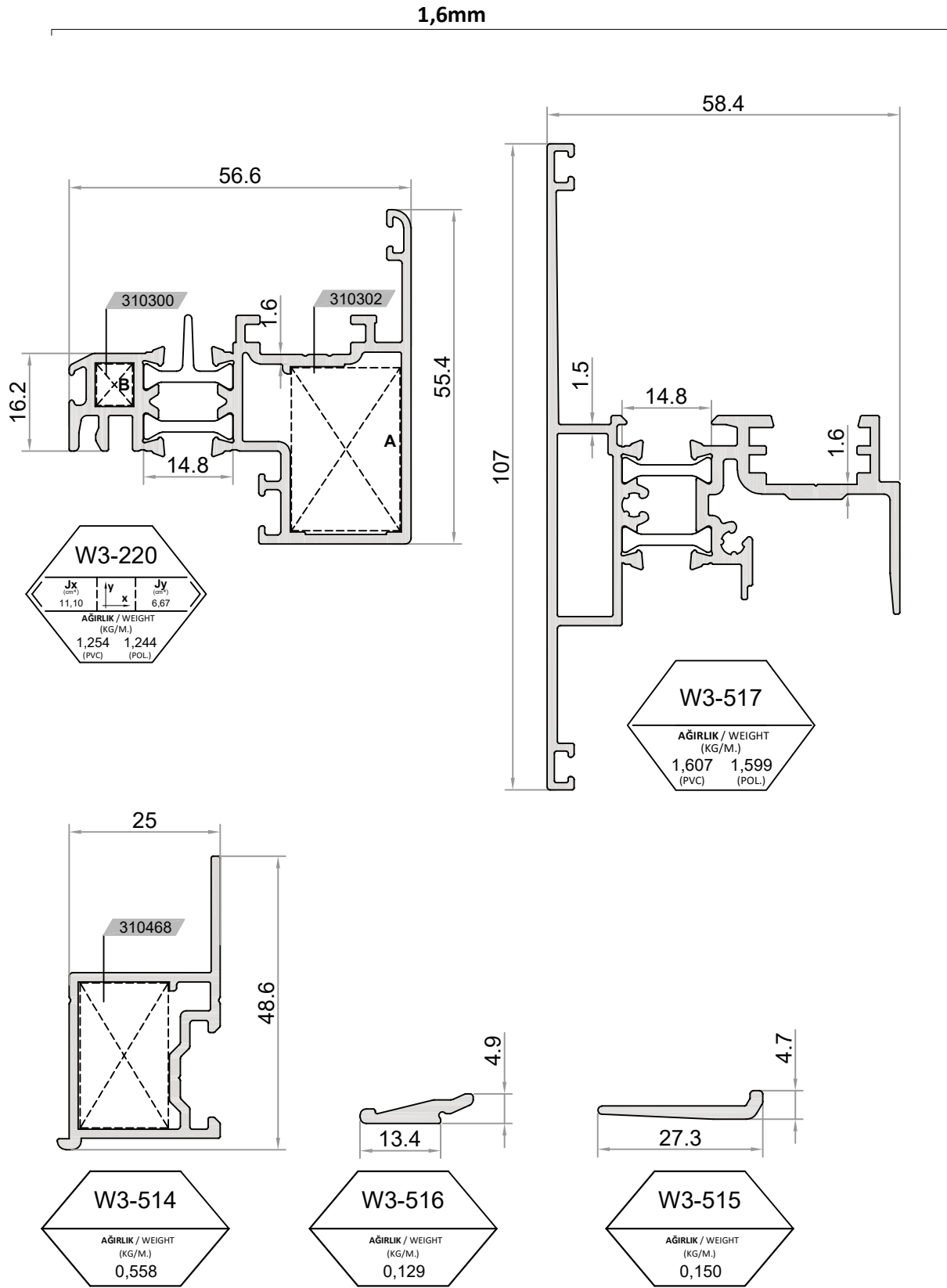
W3-112		
VIDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	iy	Jy
14,81	20,32	20,32
AĞIRLIK / WEIGHT (KG/M.)		
1,566	1,558	
(PVC)	(POL.)	



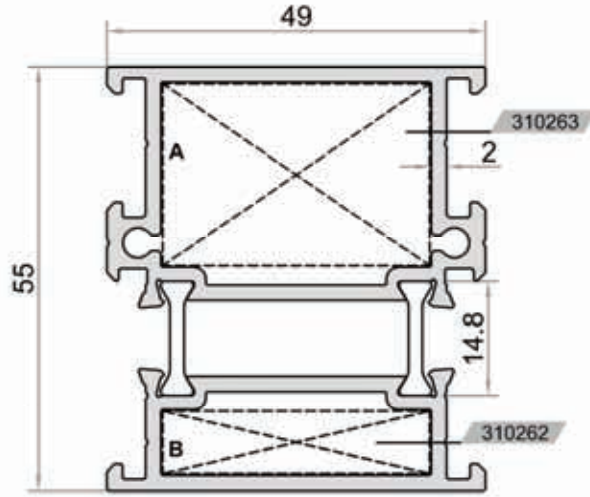
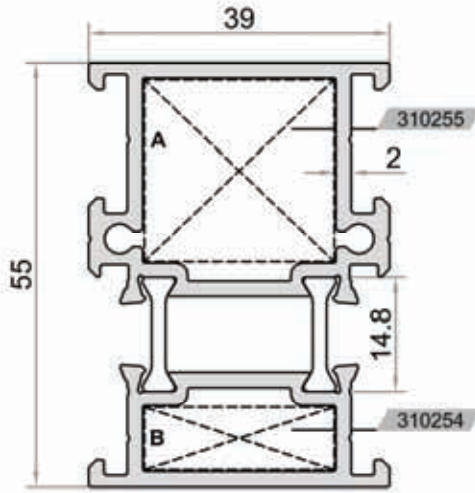
W3-110		
VIDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	iy	Jy
19,19	32,97	32,97
AĞIRLIK / WEIGHT (KG/M.)		
1,648	1,639	
(PVC)	(POL.)	



W3-310		
VIDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS		
Jx	iy	Jy
18,01	35	35
AĞIRLIK / WEIGHT (KG/M.)		
1,743	1,735	
(PVC)	(POL.)	



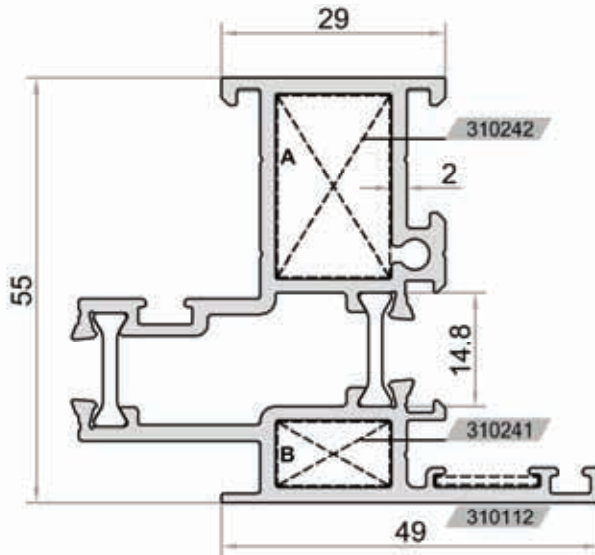
2 mm



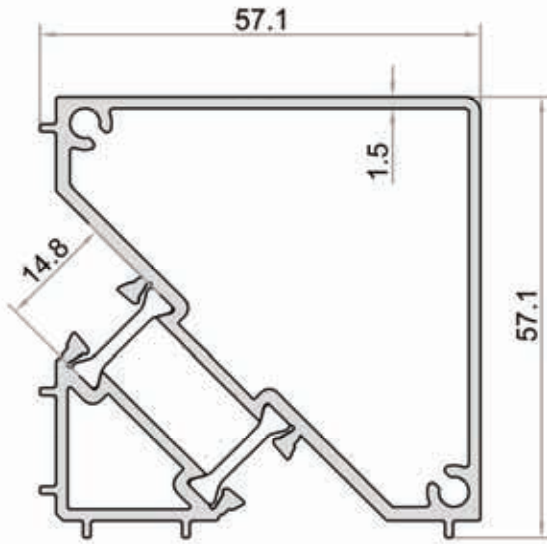
W3-104			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Jy	Jz	310189 (A)	310188 (B)
13,01	7,55	7,55	310454 (A)	310365 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,440	1,432			
(PVC)	(POL.)			

W3-105			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Jy	Jz	310197 (A)	310196 (B)
15,50	14,41	14,41	310455 (A)	310366 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,657	1,648			
(PVC)	(POL.)			

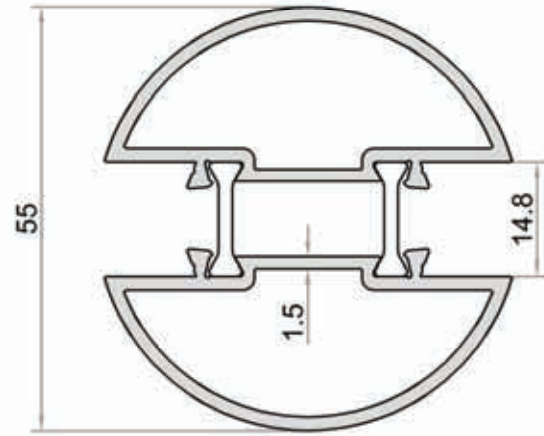
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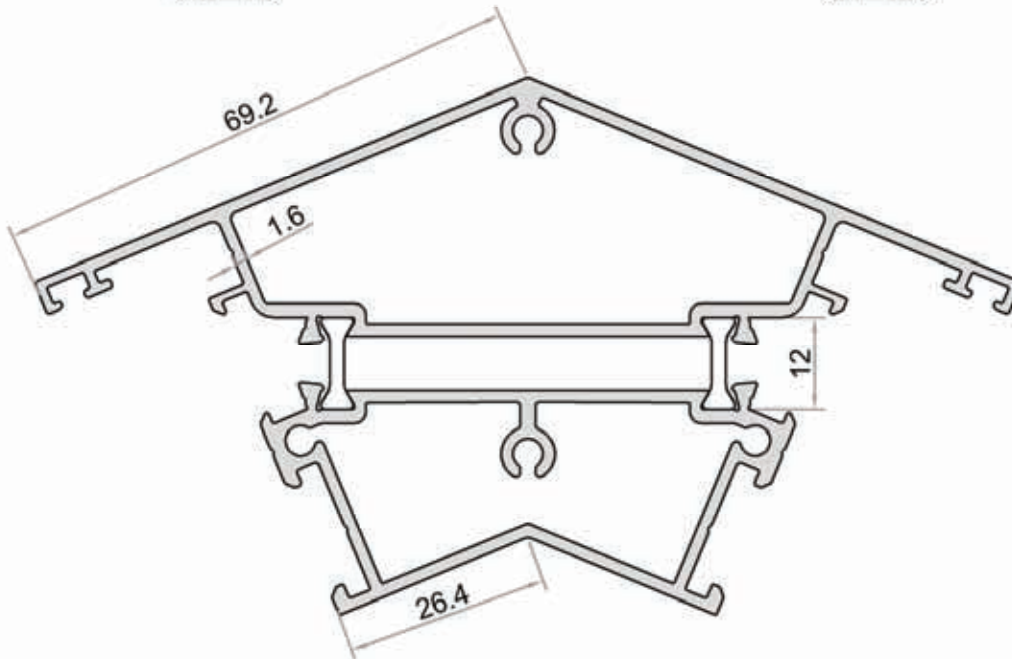
W3-106			VİDALI KÖŞE TAKOZLARI SCREW CORNER CLEATS	
Jx	Jy	Jz	310179 (A)	310178 (B)
13,37	12,54	12,54		
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,563	1,554			
(PVC)	(POL.)			



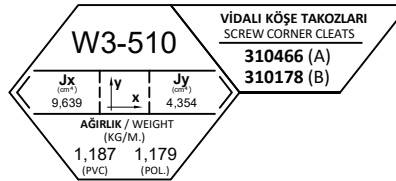
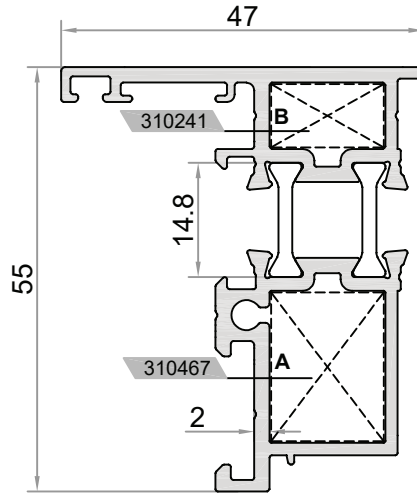
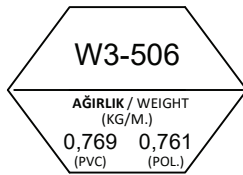
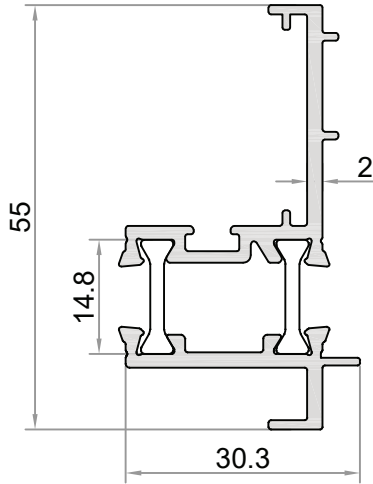
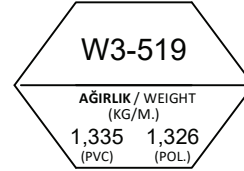
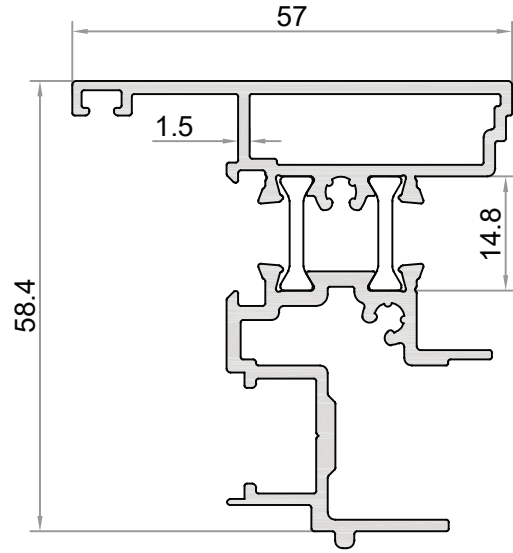
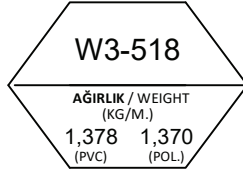
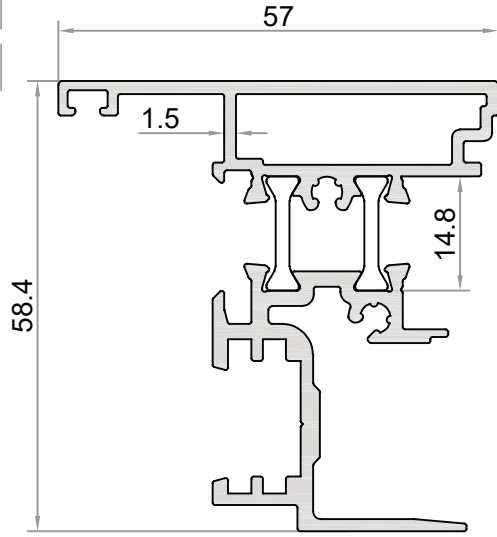
W1-550			
Jx	iv	Jy	
17.27	x	17.27	
AĞIRLIK / WEIGHT			
(KG/M.)			
1,413		1,404	
(PVC)		(PCL)	

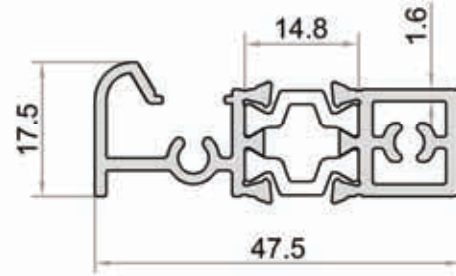
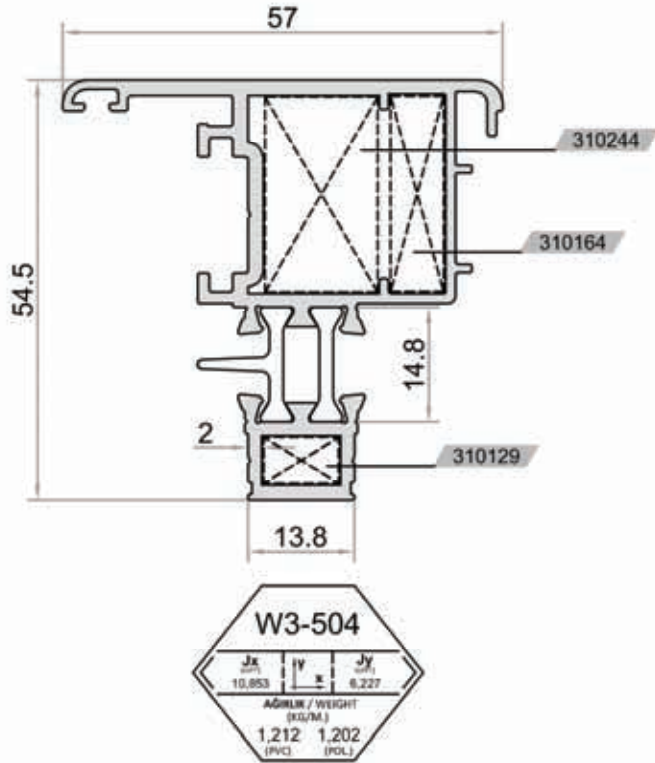


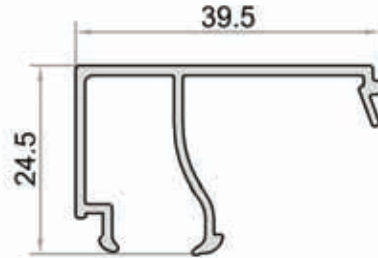
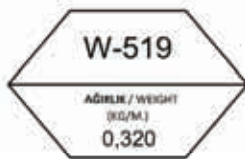
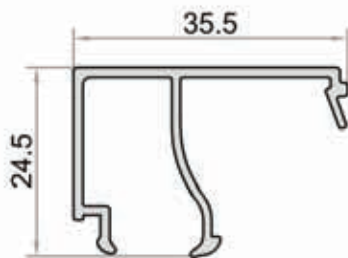
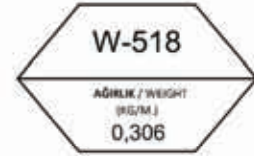
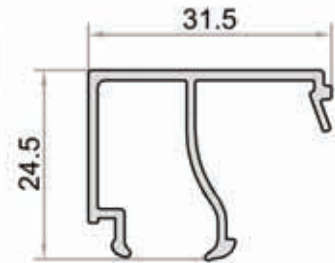
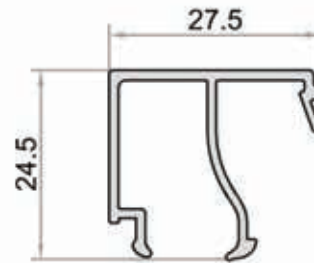
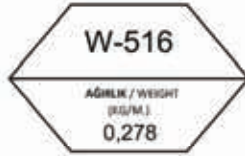
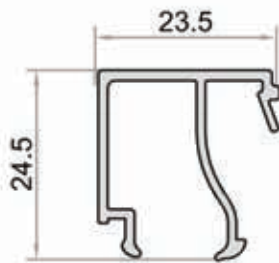
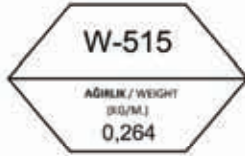
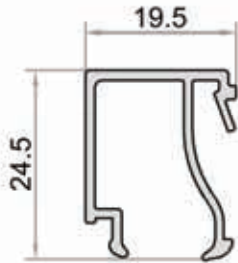
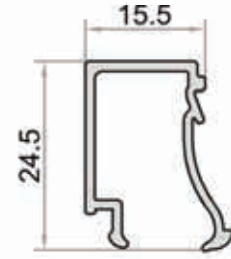
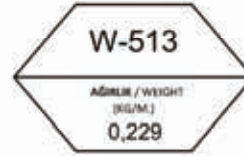
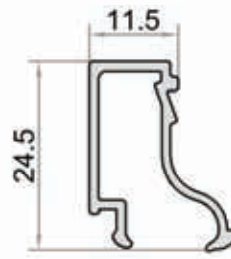
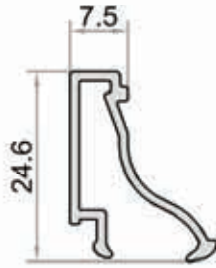
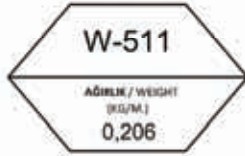
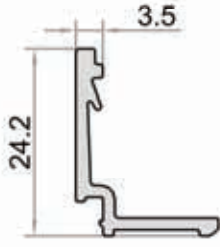
W1-552			
Jx	iv	Jy	
9.01	x	11.05	
AĞIRLIK / WEIGHT			
(KG/M.)			
1,348		1,339	
(PVC)		(PCL)	

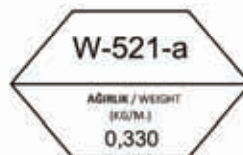
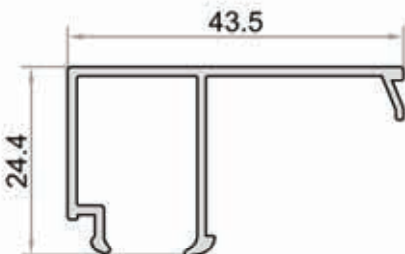
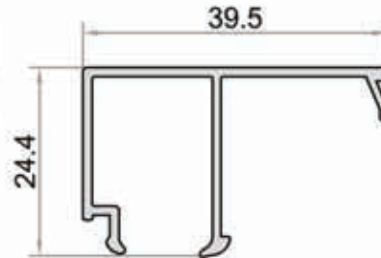
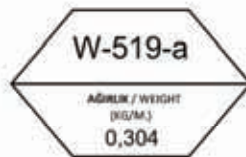
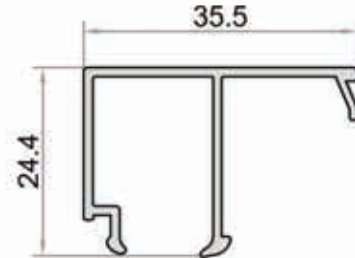
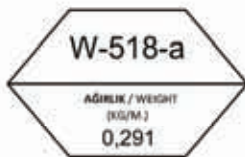
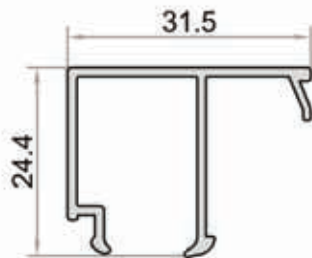
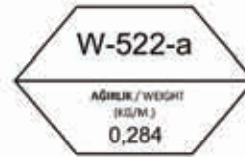
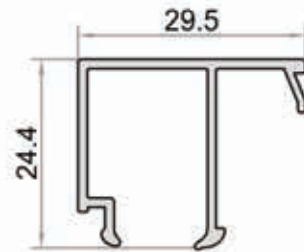
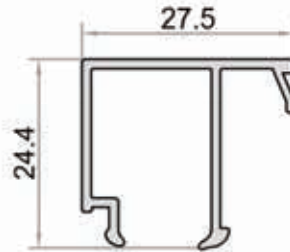
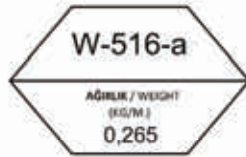
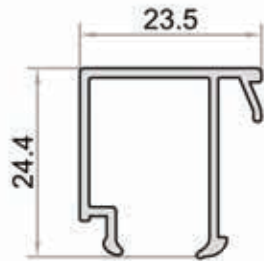
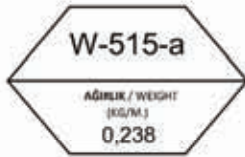
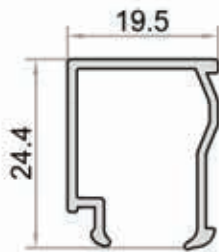
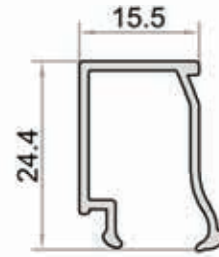
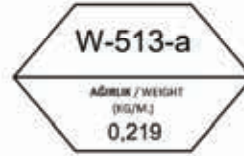
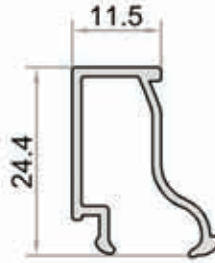
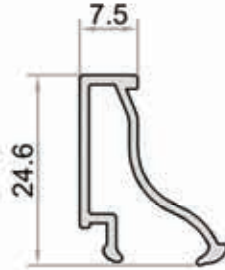
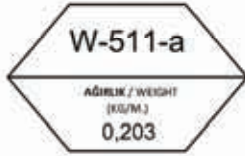
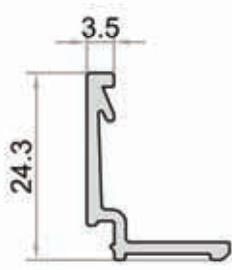


W1-551			
Jx	iv	Jy	
21.40	x	65.81	
AĞIRLIK / WEIGHT			
(KG/M.)			
2,312		2,305	
(PVC)		(PCL)	





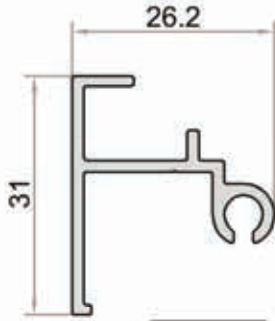




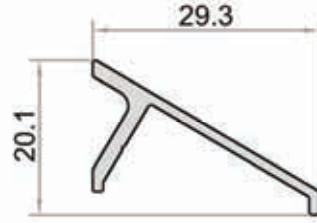
CAM ÇİTASI & FİTİL SEÇİM TABLOSU / SELECTION TABLE FOR GLAZING BEADS

KAMA TİPİ FİTİLLER VE CAM ÇİTALARI INNER GLAZING GASKETS AND GLAZING BEADS			
1	2	3	4
CAM ÇİTALARI GLAZING BEADS	İÇ CAM FİTİLİ INNER GASKET	CAM KALINLIĞI GLASS THICKNESS	DIŞ CAM FİTİLİ OUTER GLAZING GASKET
W-519-A	320130	6 mm	320071
W-519-A	320129	7 mm	320071
W-518-A	320132	8 mm	320071
W-518-A	320131	9 mm	320071
W-518-A	320130	10 mm	320071
W-518-A	320129	11 mm	320071
W-517-A	320132	12 mm	320071
W-517-A	320131	13 mm	320071
W-517-A	320130	14 mm	320071
W-517-A	320129	15 mm	320071
W-516-A	320132	16 mm	320071
W-516-A	320131	17 mm	320071
W-516-A	320130	18 mm	320071
W-516-A	320129	19 mm	320071
W-515-A	320132	20 mm	320071
W-515-A	320131	21 mm	320071
W-515-A	320130	22 mm	320071
W-515-A	320129	23 mm	320071
W-514-A	320132	24 mm	320071
W-514-A	320131	25 mm	320071
W-514-A	320130	26 mm	320071
W-514-A	320129	27 mm	320071
W-513-A	320132	28 mm	320071
W-513-A	320131	29 mm	320071
W-513-A	320130	30 mm	320071
W-513-A	320129	31 mm	320071
W-512-A	320132	32 mm	320071
W-512-A	320131	33 mm	320071
W-512-A	320130	34 mm	320071
W-512-A	320129	35 mm	320071
W-511-A	320132	36 mm	320071
W-511-A	320131	37 mm	320071
W-511-A	320130	38 mm	320071
W-511-A	320129	39 mm	320071

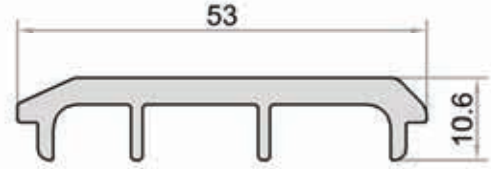
HEMYÜZ TİPİ FİTİLLER VE CAM ÇİTALARI INNER GLAZING HIDDEN GASKETS AND GLAZING BEADS			
1	2	3	4
CAM ÇİTALARI GLAZING BEADS	İÇ CAM FİTİLİ INNER GASKET	CAM KALINLIĞI GLASS THICKNESS	DIŞ CAM FİTİLİ OUTER GLAZING GASKET
W-519	320136	6 mm	320071
W-519	320135	7 mm	320071
W-518	320138	8 mm	320071
W-518	320137	9 mm	320071
W-518	320136	10 mm	320071
W-518	320135	11 mm	320071
W-517	320138	12 mm	320071
W-517	320137	13 mm	320071
W-517	320136	14 mm	320071
W-517	320135	15 mm	320071
W-516	320138	16 mm	320071
W-516	320137	17 mm	320071
W-516	320136	18 mm	320071
W-516	320135	19 mm	320071
W-515	320138	20 mm	320071
W-515	320137	21 mm	320071
W-515	320136	22 mm	320071
W-515	320135	23 mm	320071
W-514	320138	24 mm	320071
W-514	320137	25 mm	320071
W-514	320136	26 mm	320071
W-514	320135	27 mm	320071
W-513	320138	28 mm	320071
W-513	320137	29 mm	320071
W-513	320136	30 mm	320071
W-513	320135	31 mm	320071
W-512	320138	32 mm	320071
W-512	320137	33 mm	320071
W-512	320136	34 mm	320071
W-512	320135	35 mm	320071
W-511	320138	36 mm	320071
W-511	320137	37 mm	320071
W-511	320136	38 mm	320071
W-511	320135	39 mm	320071



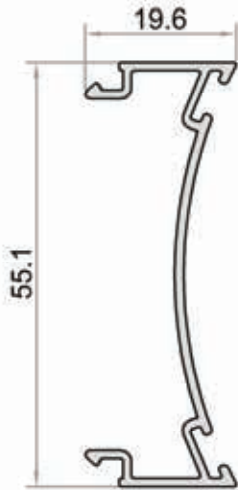
W3-508
AĞIRLIK / WEIGHT
(KG/M.)
0,330



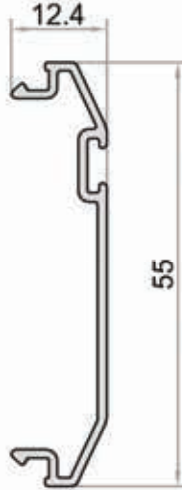
W-503
AĞIRLIK / WEIGHT
(KG/M.)
0,211



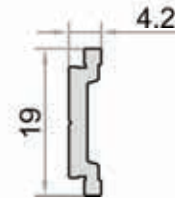
W-547
AĞIRLIK / WEIGHT
(KG/M.)
0,621



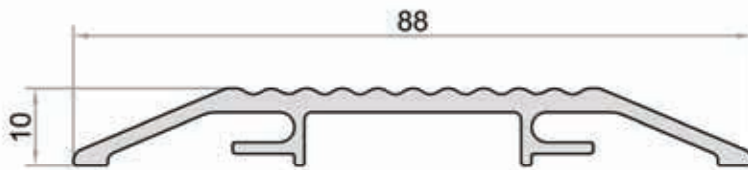
W-504
AĞIRLIK / WEIGHT
(KG/M.)
0,341



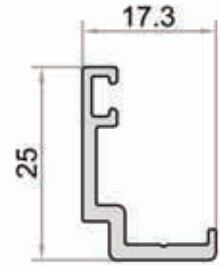
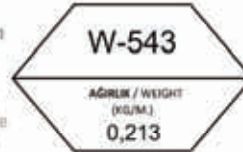
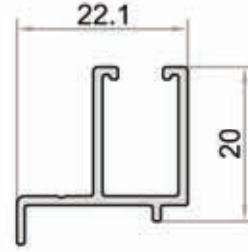
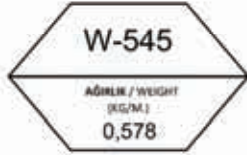
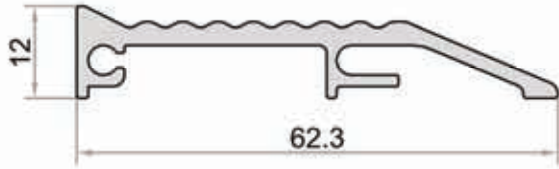
W-505
AĞIRLIK / WEIGHT
(KG/M.)
0,271



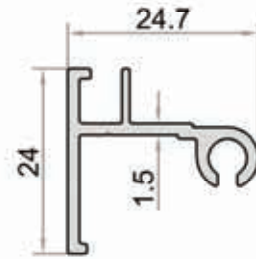
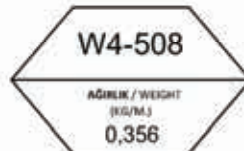
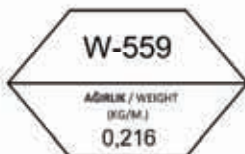
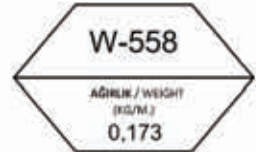
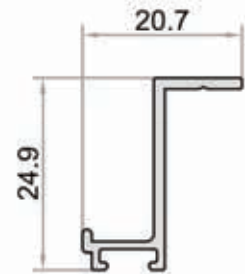
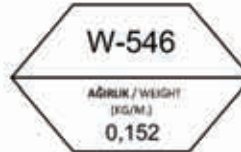
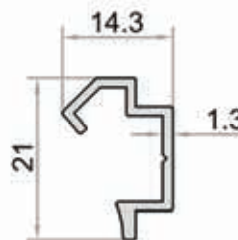
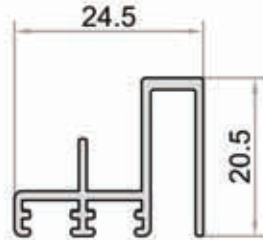
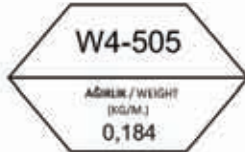
W1-508
AĞIRLIK / WEIGHT
(KG/M.)
0,134

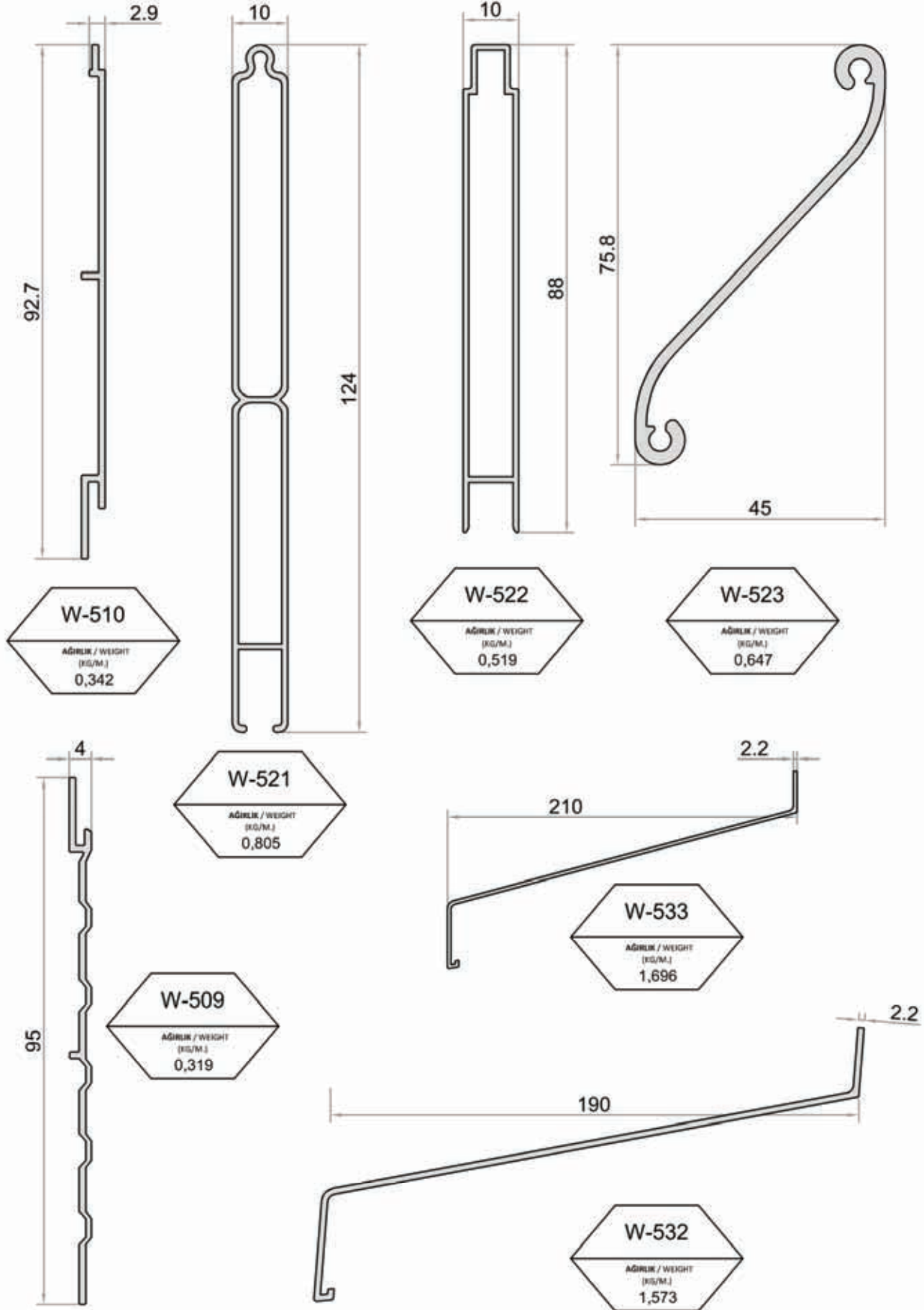


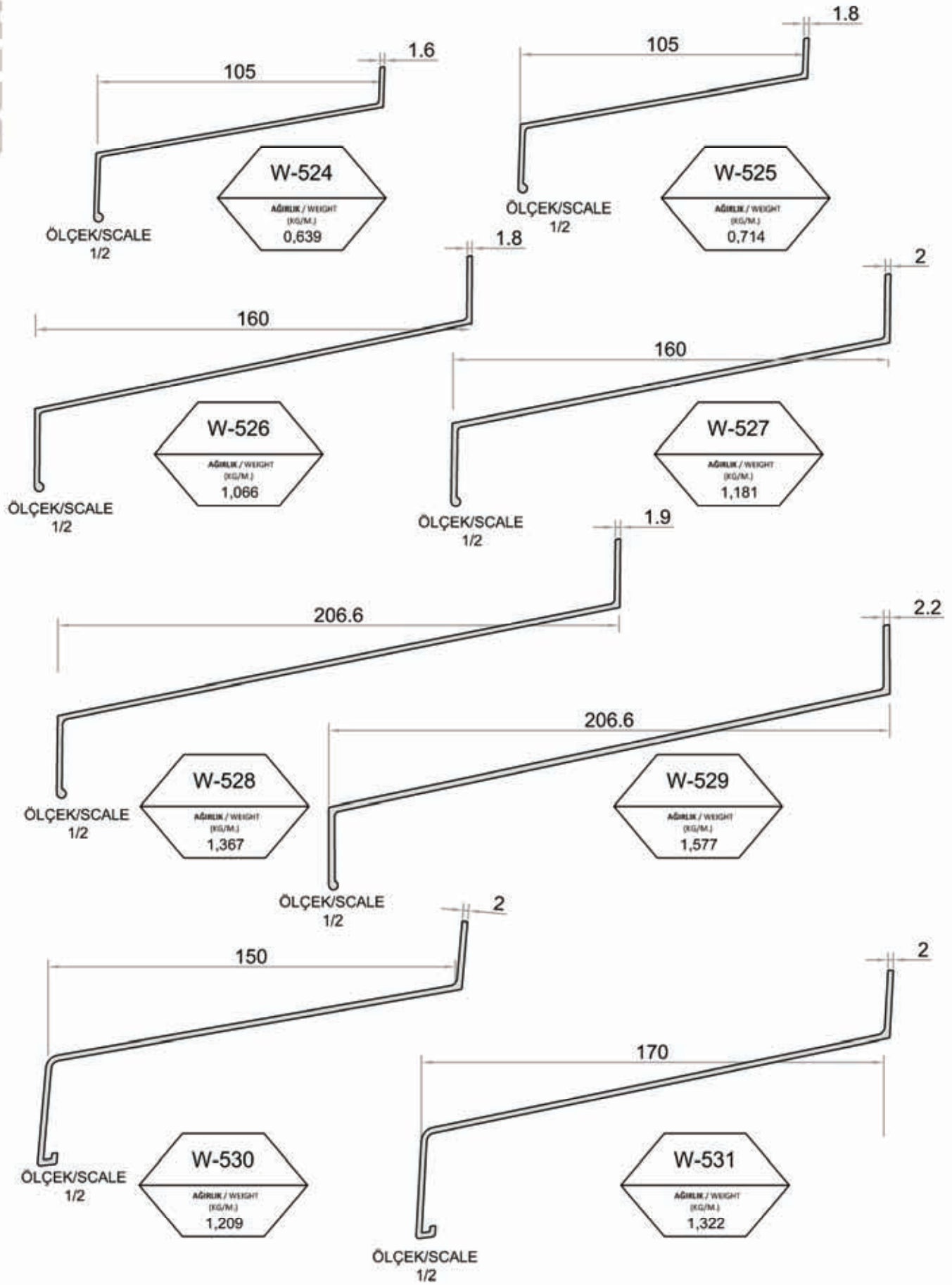
W-544
AĞIRLIK / WEIGHT
(KG/M.)
0,728

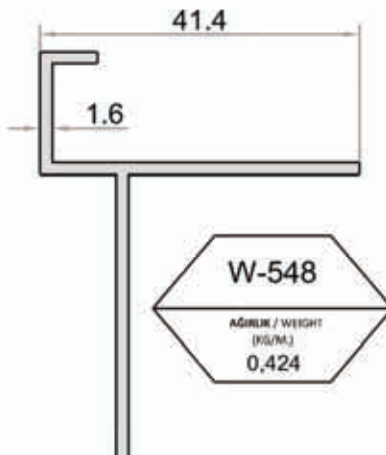
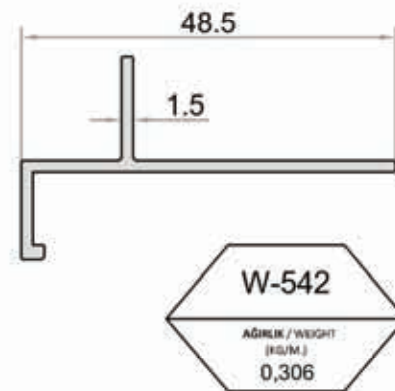
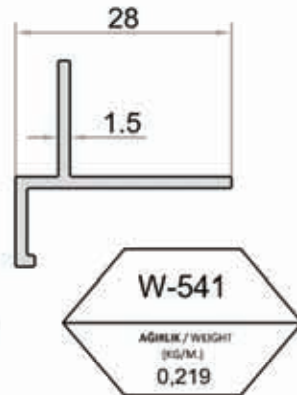
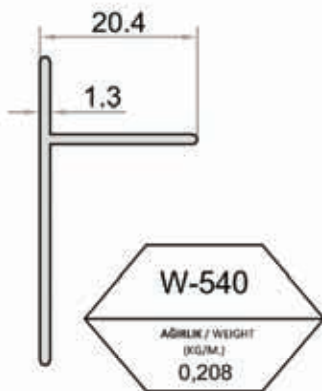
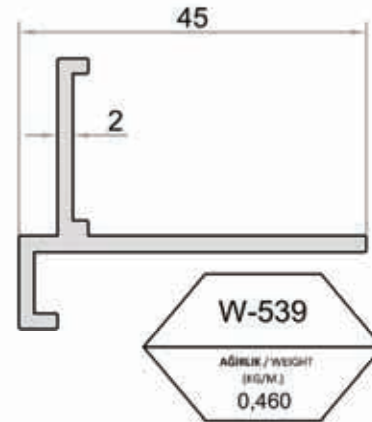
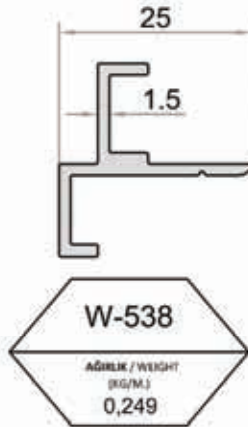
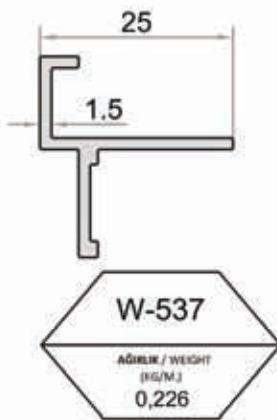
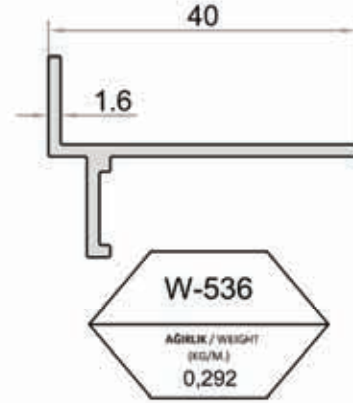
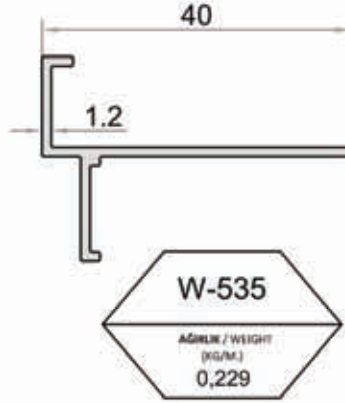
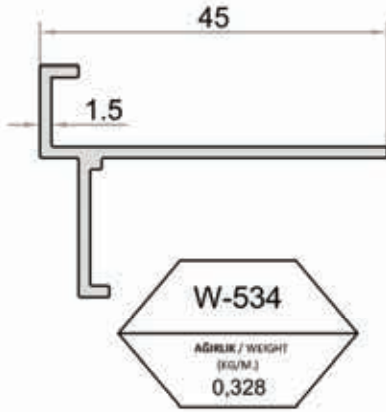


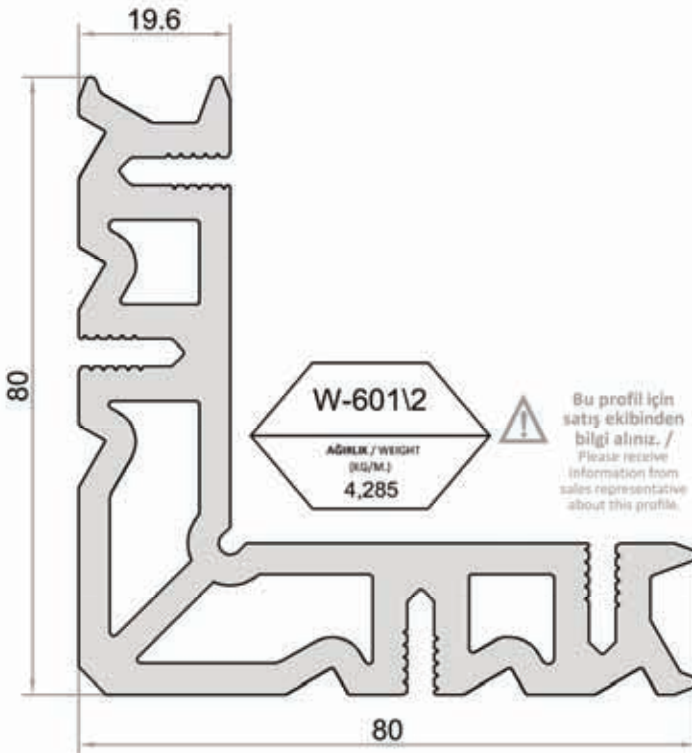
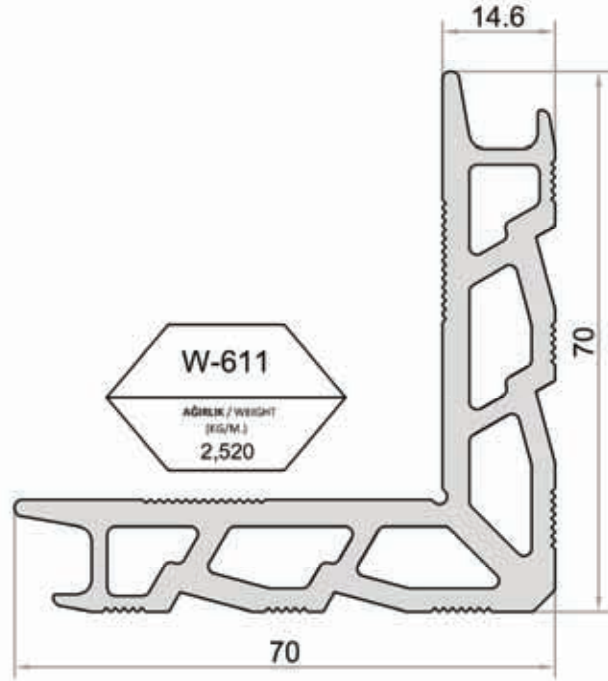
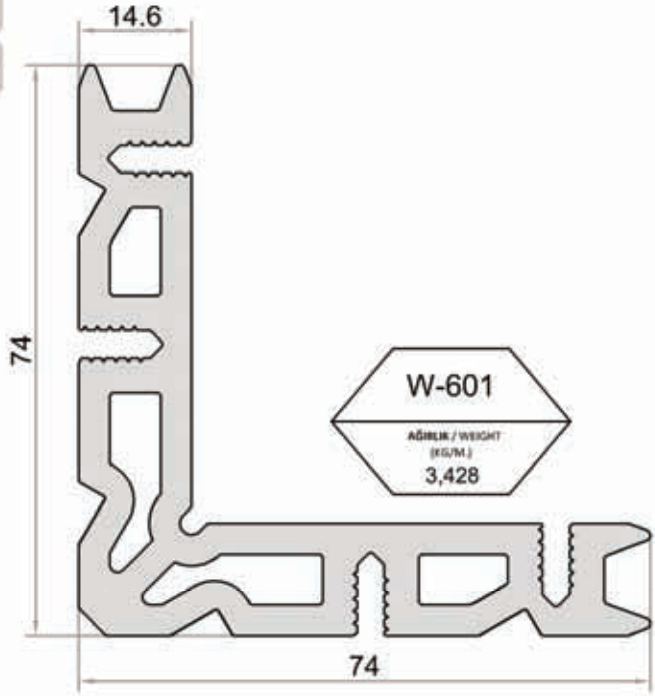
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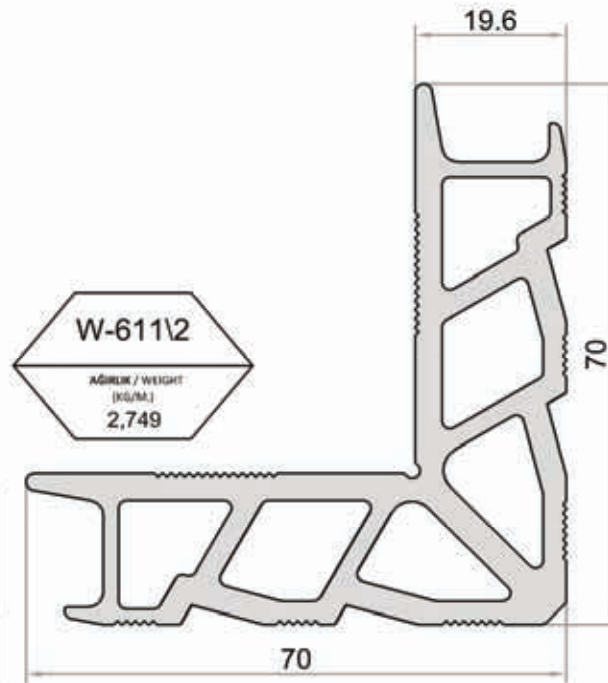


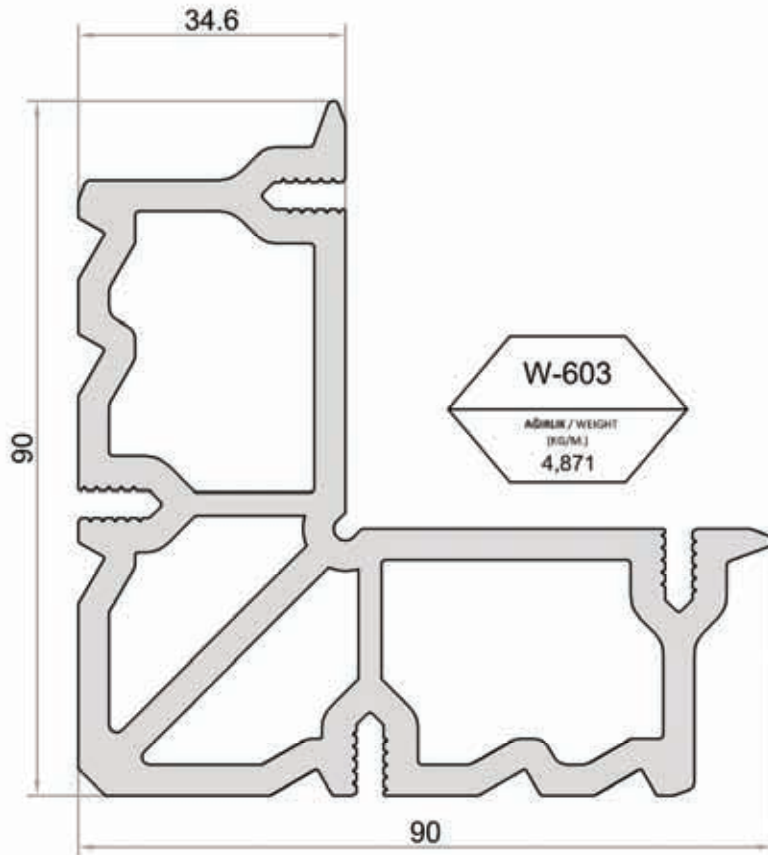
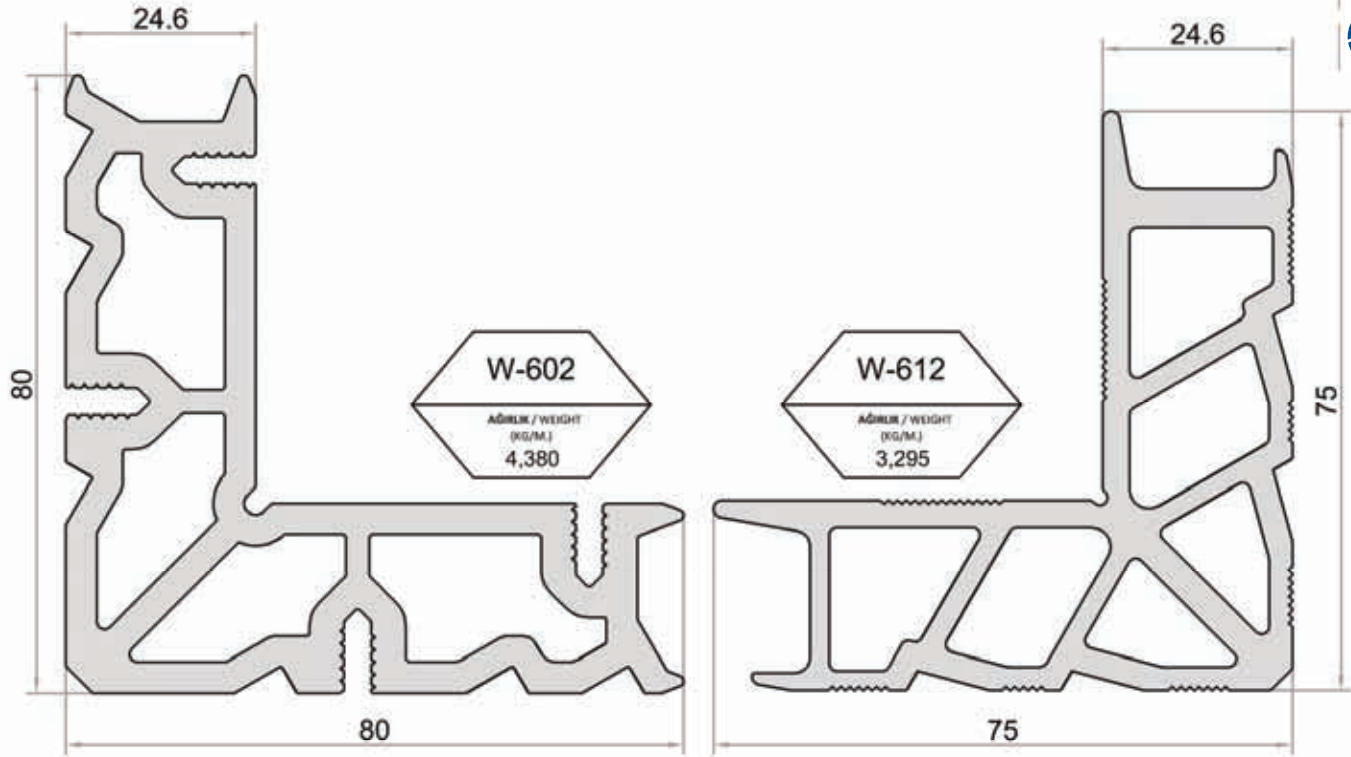


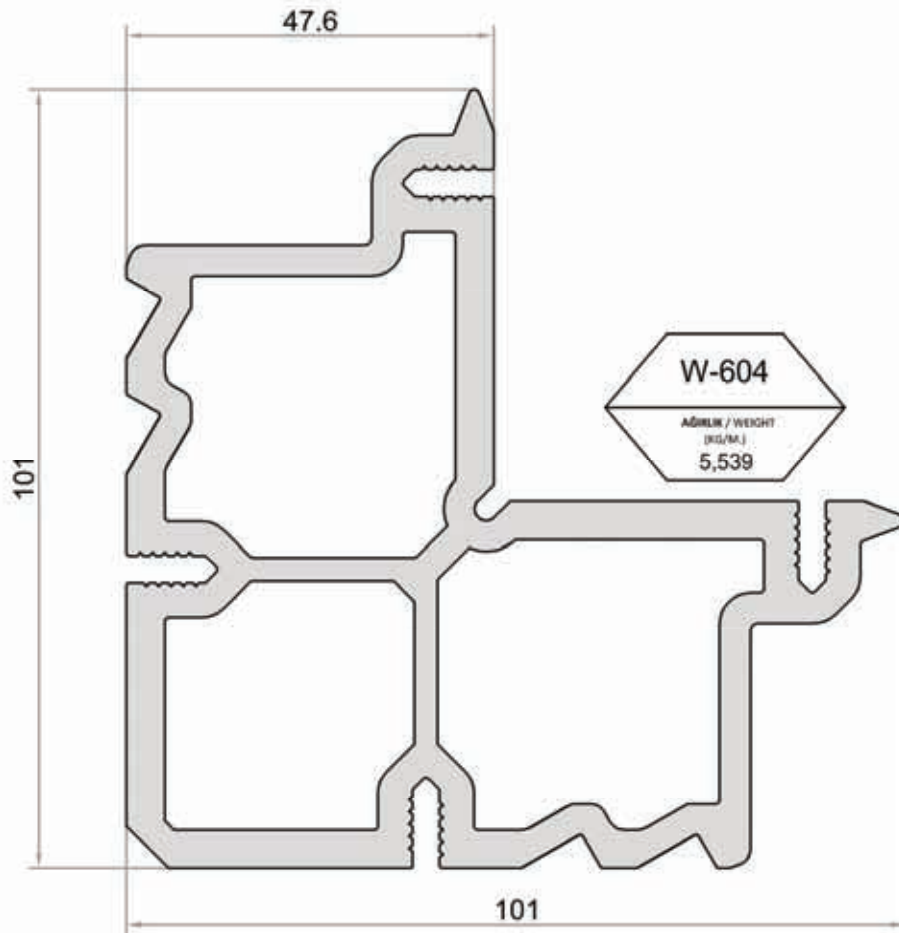
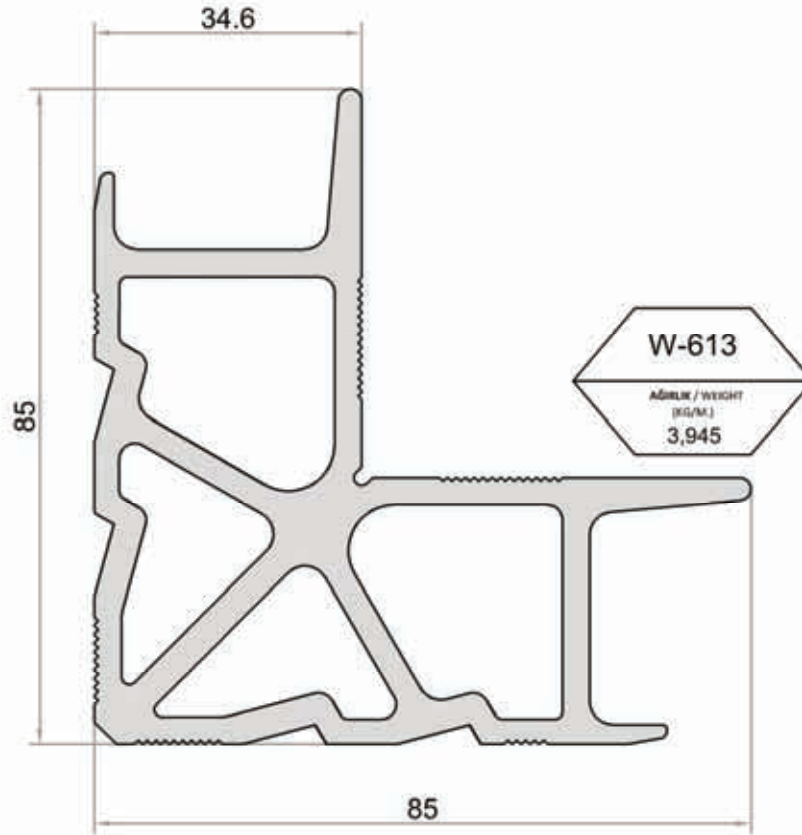


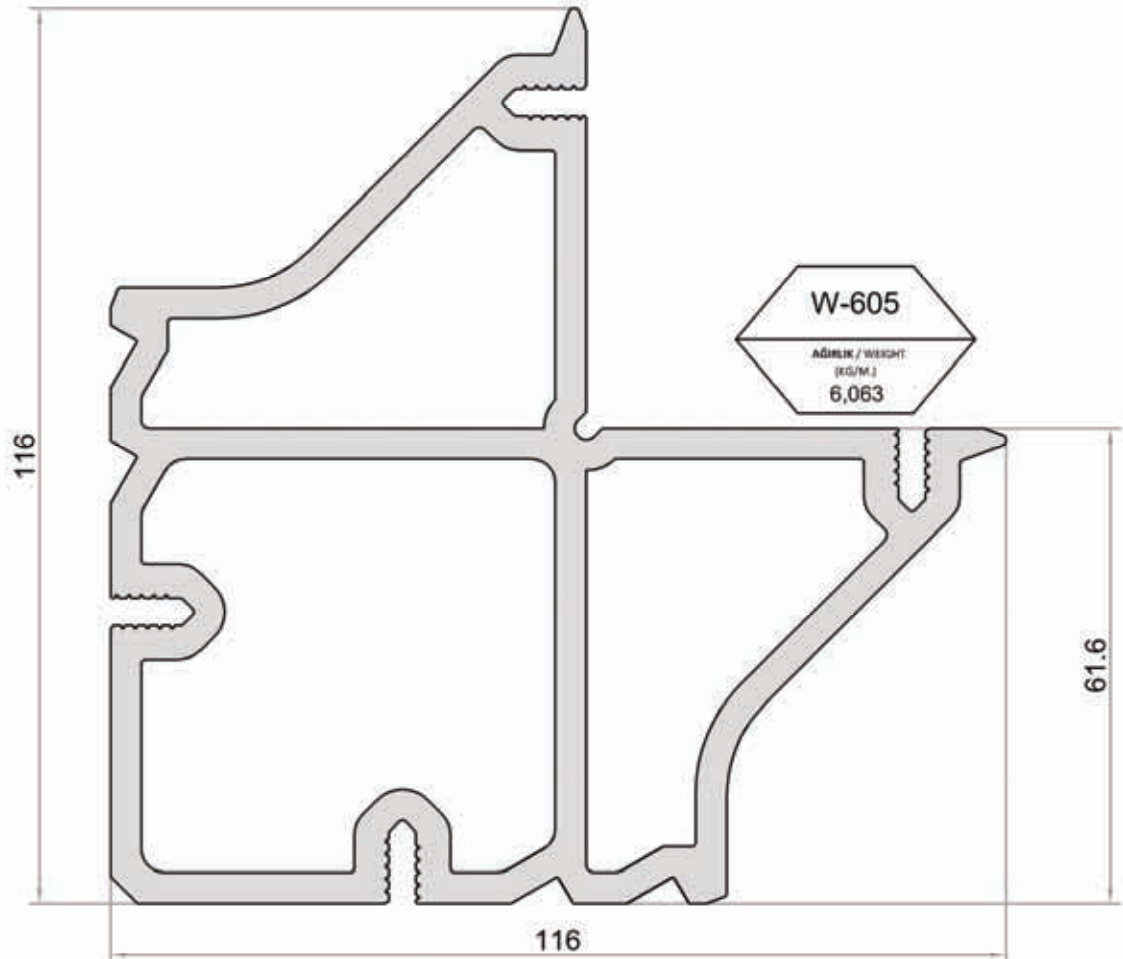
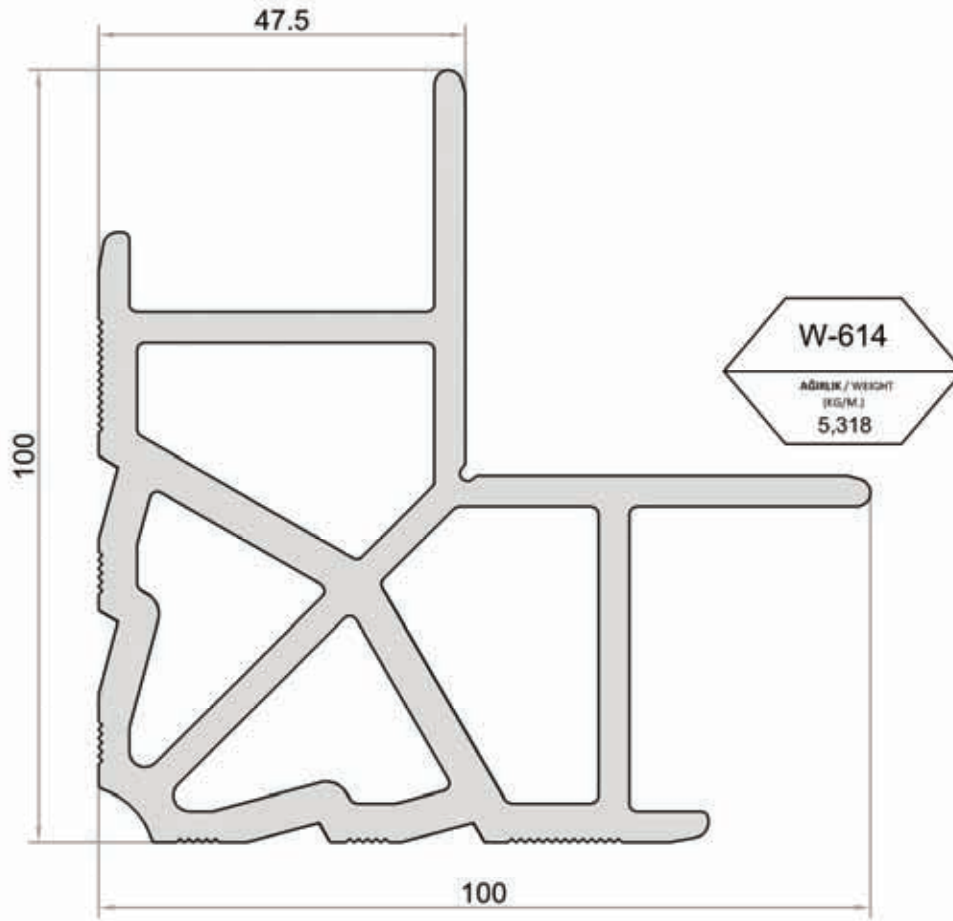


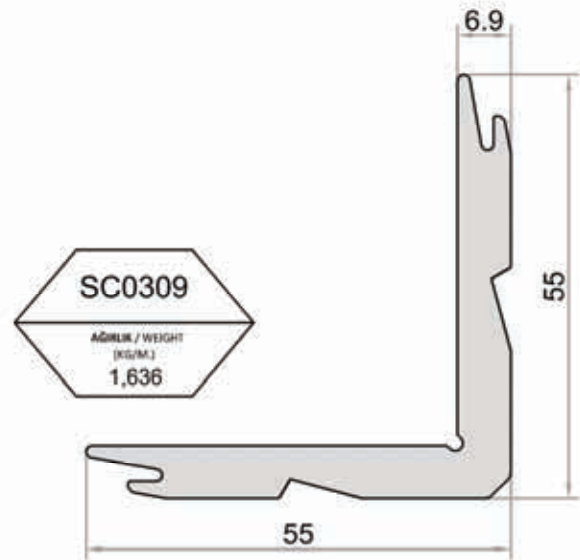
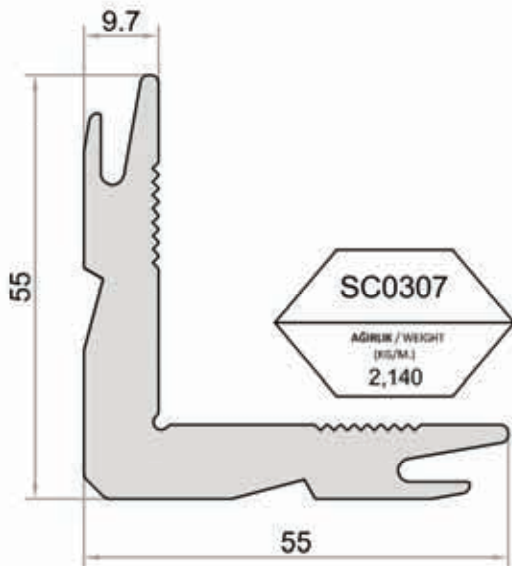
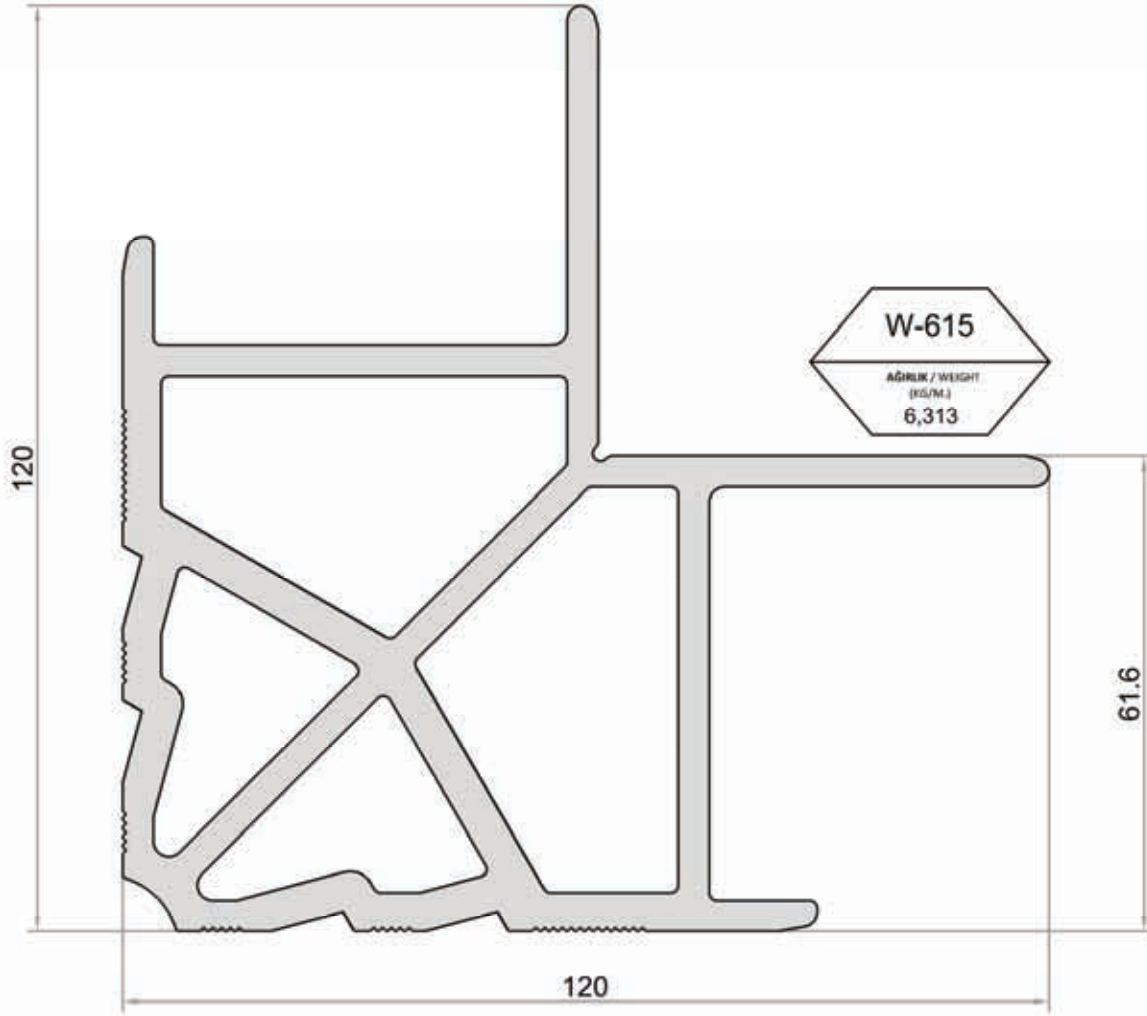
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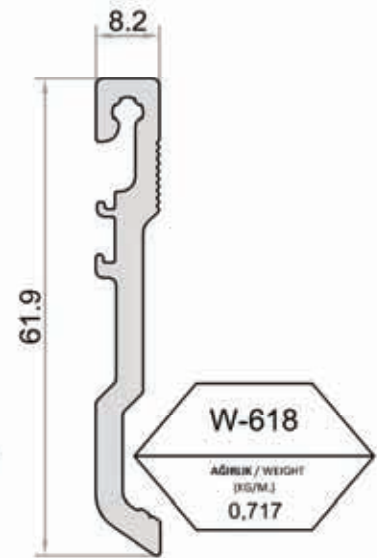
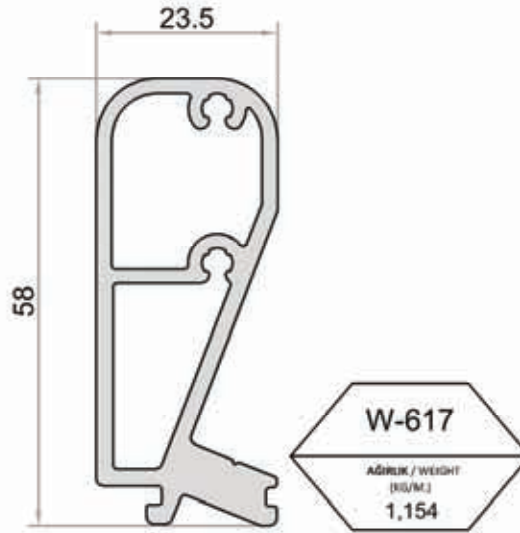
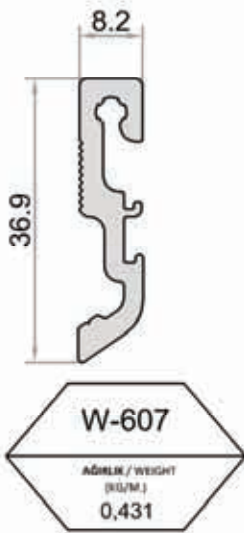
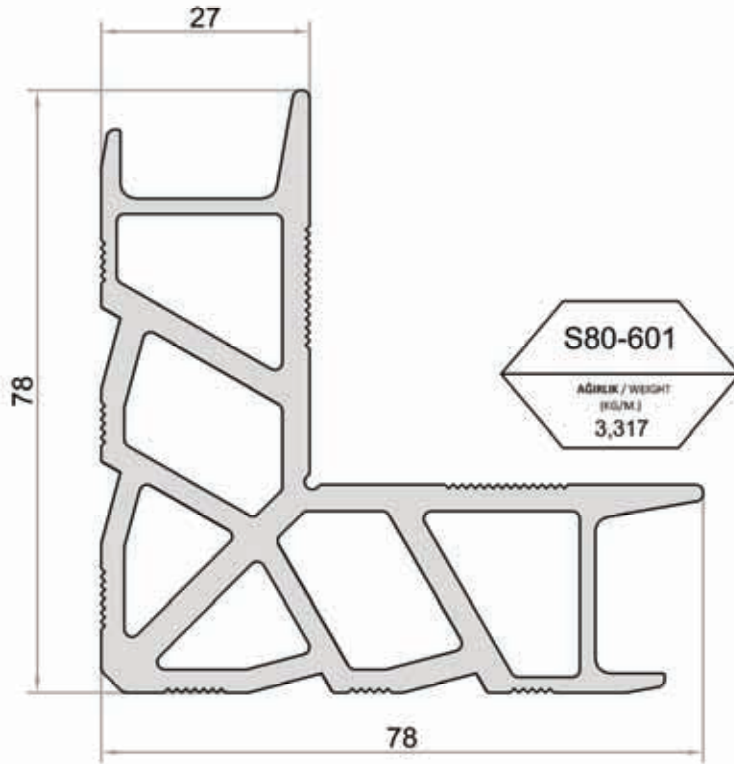




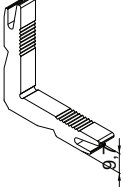
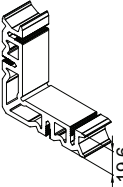
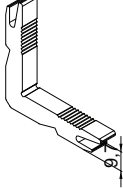
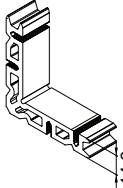
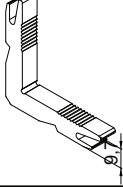
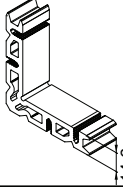
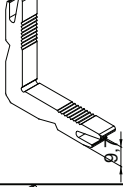
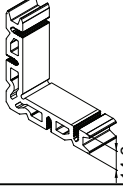
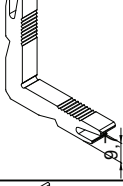
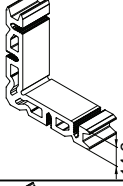
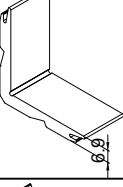
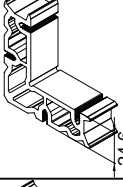
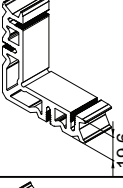
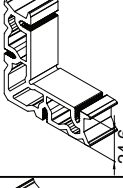
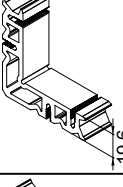
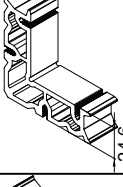
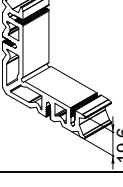
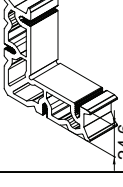




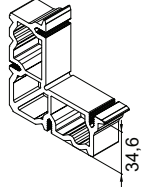
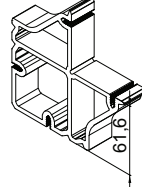
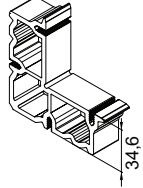
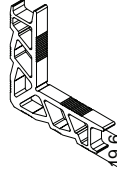
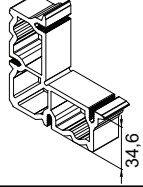
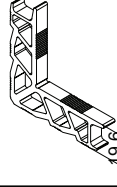
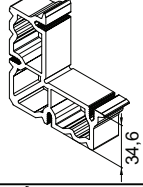
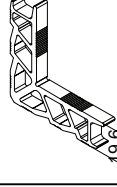
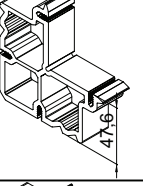
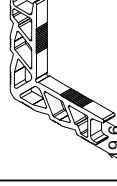
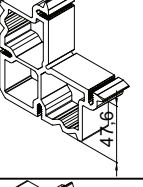
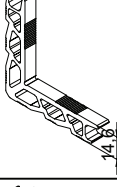
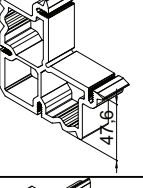
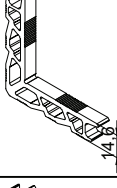
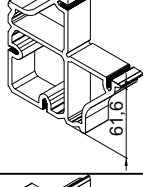
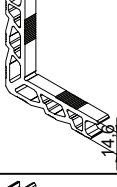
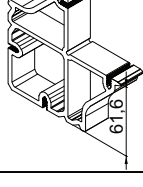
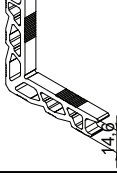




KÖŞE TAKOZU AKSESUARLARI / CORNER CLEAT ACCESSORIES

AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION	AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310125 <i>Pr. No: SC0307</i> 2,140 kg/m.		8,5 mm (18,2 Gr/Ad.)	310175 <i>Pr. No: W-601\2</i> 4,285 kg/m.		23,6 mm (101,1 Gr/Ad.)
310126 <i>Pr. No: SC0307</i> 2,140 kg/m.		24 mm (51,4 Gr/Ad.)	310178 <i>Pr. No: W-601</i> 3,428 kg/m.		8,2 mm (28,1 Gr/Ad.)
310127 <i>Pr. No: SC0307</i> 2,140 kg/m.		6,3 mm (13,5 Gr/Ad.)	310179 <i>Pr. No: W-601</i> 3,428 kg/m.		23,6 mm (80,9 Gr/Ad.)
310128 <i>Pr. No: SC0307</i> 2,140 kg/m.		25,6 mm (54,8 Gr/Ad.)	310180 <i>Pr. No: W-601</i> 3,428 kg/m.		6 mm (20,6 Gr/Ad.)
310129 <i>Pr. No: SC0307</i> 2,140 kg/m.		6 mm (12,8 Gr/Ad.)	310181 <i>Pr. No: W-601</i> 3,428 kg/m.		25,3 mm (86,7 Gr/Ad.)
310164 <i>Pr. No: SC0309</i> 1,636 kg/m.		25,3 mm (41,4 Gr/Ad.)	310188 <i>Pr. No: W-602</i> 4,380 kg/m.		8,2 mm (35,9 Gr/Ad.)
310172 <i>Pr. No: W-601\2</i> 4,285 kg/m.		6 mm (25,7 Gr/Ad.)	310189 <i>Pr. No: W-602</i> 4,380 kg/m.		23,6 mm (103,4 Gr/Ad.)
310173 <i>Pr. No: W-601\2</i> 4,285 kg/m.		25,3 mm (108,4 Gr/Ad.)	310190 <i>Pr. No: W-602</i> 4,380 kg/m.		6 mm (26,3 Gr/Ad.)
310174 <i>Pr. No: W-601\2</i> 4,285 kg/m.		8,2 mm (35,1 Gr/Ad.)	310191 <i>Pr. No: W-602</i> 4,380 kg/m.		25,3 mm (110,8 Gr/Ad.)

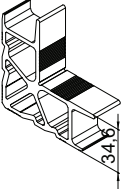
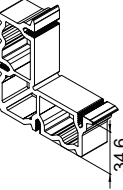
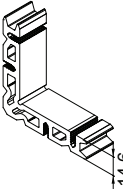
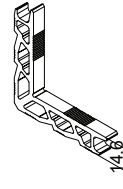
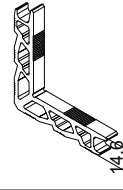
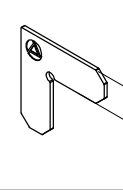
KÖŞE TAKOZU AKSESUARLARI / CORNER CLEAT ACCESSORIES

AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION	AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310196 <i>Pr. No: W-603</i> 4,871 kg/m.		8,2 mm (39,9 Gr/Ad.)	310222 <i>Pr. No: W-605</i> 6,063 kg/m.		23,3 mm (141,3 Gr/Ad.)
310197 <i>Pr. No: W-603</i> 4,871 kg/m.		23,6 mm (115 Gr/Ad.)	310231 <i>Pr. No: W-611\2</i> 2,749 kg/m.		6 mm (16,5 Gr/Ad.)
310198 <i>Pr. No: W-603</i> 4,871 kg/m.		6 mm (29,2 Gr/Ad.)	310232 <i>Pr. No: W-611\2</i> 2,749 kg/m.		25,3 mm (69,6 Gr/Ad.)
310199 <i>Pr. No: W-603</i> 4,871 kg/m.		25,3 mm (123,2 Gr/Ad.)	310233 <i>Pr. No: W-611\2</i> 2,749 kg/m.		8,2 mm (22,5 Gr/Ad.)
310205 <i>Pr. No: W-604</i> 5,539 kg/m.		6 mm (3,2 Gr/Ad.)	310234 <i>Pr. No: W-611\2</i> 2,749 kg/m.		23,6 mm (64,9 Gr/Ad.)
310206 <i>Pr. No: W-604</i> 5,539 kg/m.		25,3 mm (140,1 Gr/Ad.)	310241 <i>Pr. No: W-611</i> 2,520 kg/m.		8,2 mm (20,7 Gr/Ad.)
310207 <i>Pr. No: W-604</i> 5,539 kg/m.		23,4 mm (129,6 Gr/Ad.)	310242 <i>Pr. No: W-611</i> 2,520 kg/m.		23,6 mm (59,5 Gr/Ad.)
310220 <i>Pr. No: W-605</i> 6,063 kg/m.		6 mm (36,4 Gr/Ad.)	310243 <i>Pr. No: W-611</i> 2,520 kg/m.		6 mm (15,1 Gr/Ad.)
310221 <i>Pr. No: W-605</i> 6,063 kg/m.		25,3 mm (153,4 Gr/Ad.)	310244 <i>Pr. No: W-611</i> 2,520 kg/m.		25,3 mm (63,8 Gr/Ad.)

KÖŞE TAKOZU AKSESUARLARI / CORNER CLEAT ACCESSORIES

AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION	AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310254 <i>Pr. No: W-612</i> 3,295 kg/m.		8,2 mm (27 Gr/Ad.)	310272 <i>Pr. No: W-614</i> 5,318 kg/m.		25,3 mm (134,5 Gr/Ad.)
310255 <i>Pr. No: W-612</i> 3,295 kg/m.		23,6 mm (77,8 Gr/Ad.)	310273 <i>Pr. No: W-614</i> 5,318 kg/m.		23,4 mm (124,4 Gr/Ad.)
310256 <i>Pr. No: W-612</i> 3,295 kg/m.		6 mm (19,8 Gr/Ad.)	310286 <i>Pr. No: W-615</i> 6,313 kg/m.		6 mm (37,9 Gr/Ad.)
310257 <i>Pr. No: W-612</i> 3,295 kg/m.		25,3 mm (83,4 Gr/Ad.)	310287 <i>Pr. No: W-615</i> 6,313 kg/m.		25,3 mm (159,7 Gr/Ad.)
310262 <i>Pr. No: W-613</i> 3,945 kg/m.		8,2 mm (32,3 Gr/Ad.)	310288 <i>Pr. No: W-615</i> 6,313 kg/m.		23,3 mm (147,1 Gr/Ad.)
310263 <i>Pr. No: W-613</i> 3,945 kg/m.		23,6 mm (93,1 Gr/Ad.)	310300 <i>Pr. No: SC0309</i> 1,636 kg/m.		6 mm (9,8 Gr/Ad.)
310264 <i>Pr. No: W-613</i> 3,945 kg/m.		6 mm (23,7 Gr/Ad.)	310302 <i>Pr. No: 3,317 kg/m.</i>		18 mm (59,7 Gr/Ad.)
310265 <i>Pr. No: W-613</i> 3,945 kg/m.		25,3 mm (99,8 Gr/Ad.)	310447 <i>Pr. No: W-614</i> 5,318 kg/m.		8,2 mm (43,6 Gr/Ad.)
310271 <i>Pr. No: W-614</i> 5,318 kg/m.		6 mm (31,9 Gr/Ad.)	310448 <i>Pr. No: W-604</i> 5,539 kg/m.		8,2 mm (45,4 Gr/Ad.)

KÖŞE TAKOZU AKSESUARLARI / CORNER CLEAT ACCESSORIES

AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION	AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310449 <u>Pr. No: W-613</u> 3,945 kg/m.		23,3 mm (91,9 Gr/Ad.)			
310450 <u>Pr. No: W-603</u> 4,871 kg/m.		23,3 mm (113,5 Gr/Ad.)			
310466 <u>Pr. No: W-601</u> 3,428 kg/m.		19,3 mm (66,2 Gr/Ad.)			
310467 <u>Pr. No: W-611</u> 2,520 kg/m.		19,3 mm (48,6 Gr/Ad.)			
310468 <u>Pr. No: W-611</u> 2,520 kg/m.		24 mm (60,5 Gr/Ad.)			
310112		1.4 mm (3 Gr/Ad.)			

T VE U BAĞLANTI AKSESUARLARI / T AND U CONNECTION ACCESSORIES

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION	T BAĞLANTI T CONNECTION
310371	9,7 mm	
310364	14,6 mm	
310370	19,6 mm	
310365	24,6 mm	
310366	34,6 mm	
310376	45,6 mm	
310367	55,6 mm	
310372	66,6 mm	
310375	85,4 mm	
310374	115,4 mm	

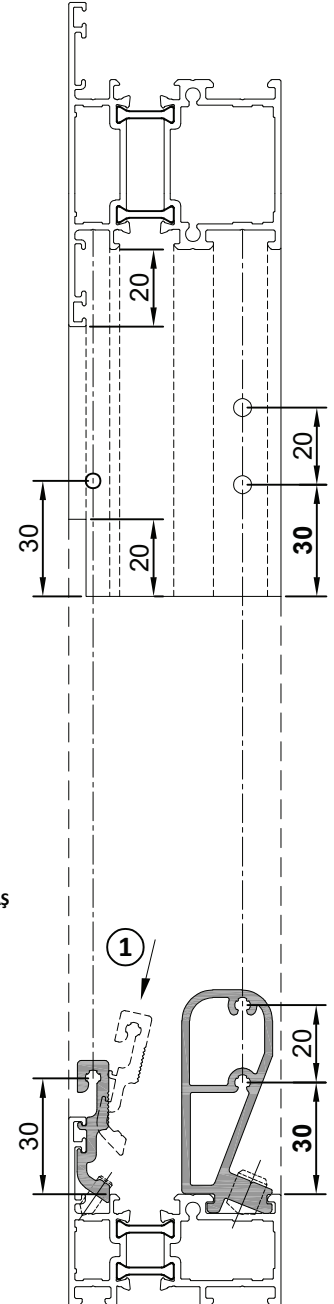
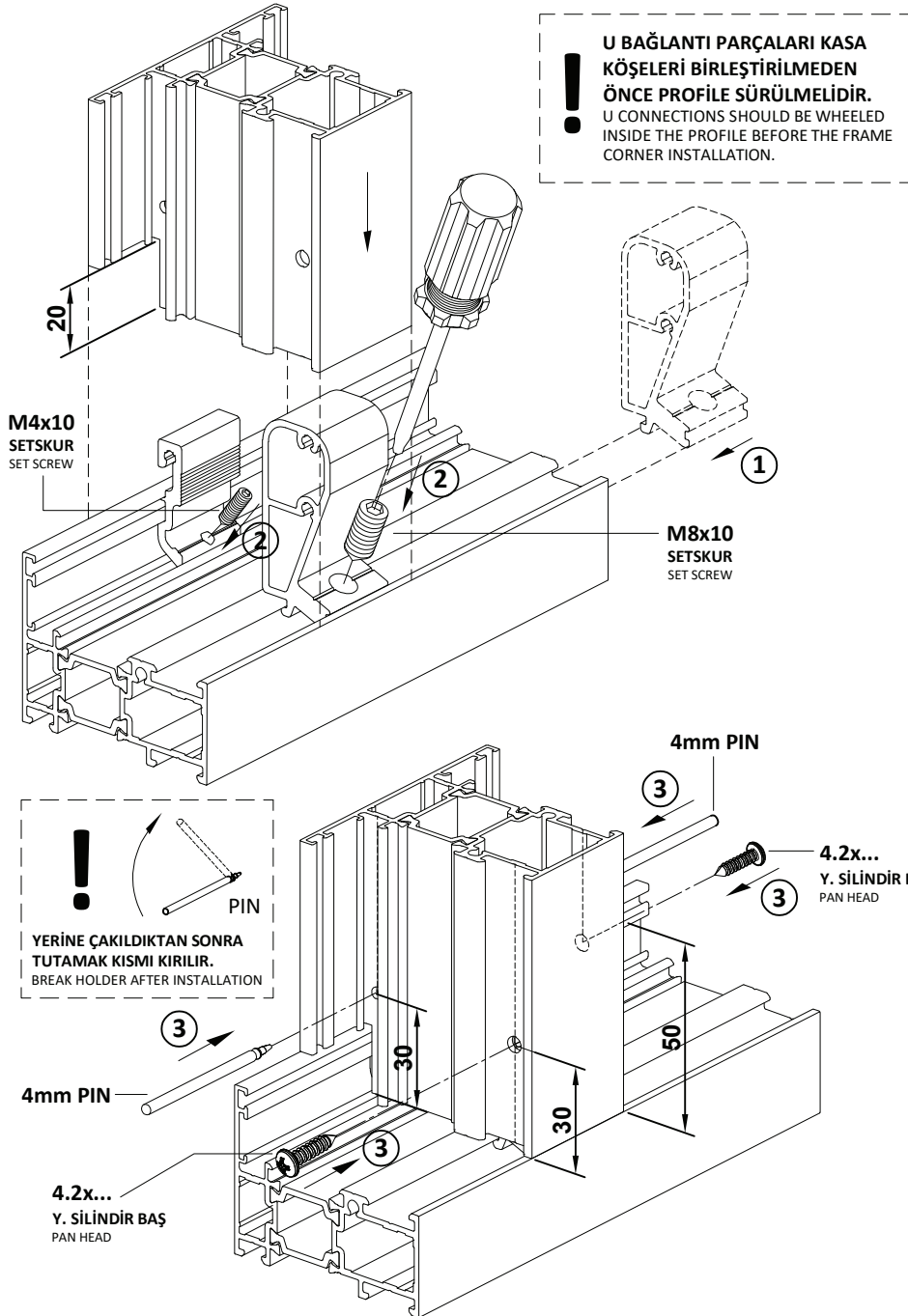


W-607
(0,431 kg/m.)

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION	U BAĞLANTI U CONNECTION
310451	9,7 mm	
310452	14,6 mm	
310453	19,6 mm	
310454	24,6 mm	
310455	34,6 mm	
310456	45,6 mm	
310459	55,6 mm	
310460	66,6 mm	
310483	80,5 mm	
310482	81,3 mm	
310484	111,3 mm	
310464	110,5 mm	



W-617
(1,154 kg/m.)



GİZLİ KANAT İÇİN T VE U BAĞ. AKS. / T & U CON. ACC. FOR HIDDEN SASH

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
310465	14,6 mm

T BAĞ. / T CON.



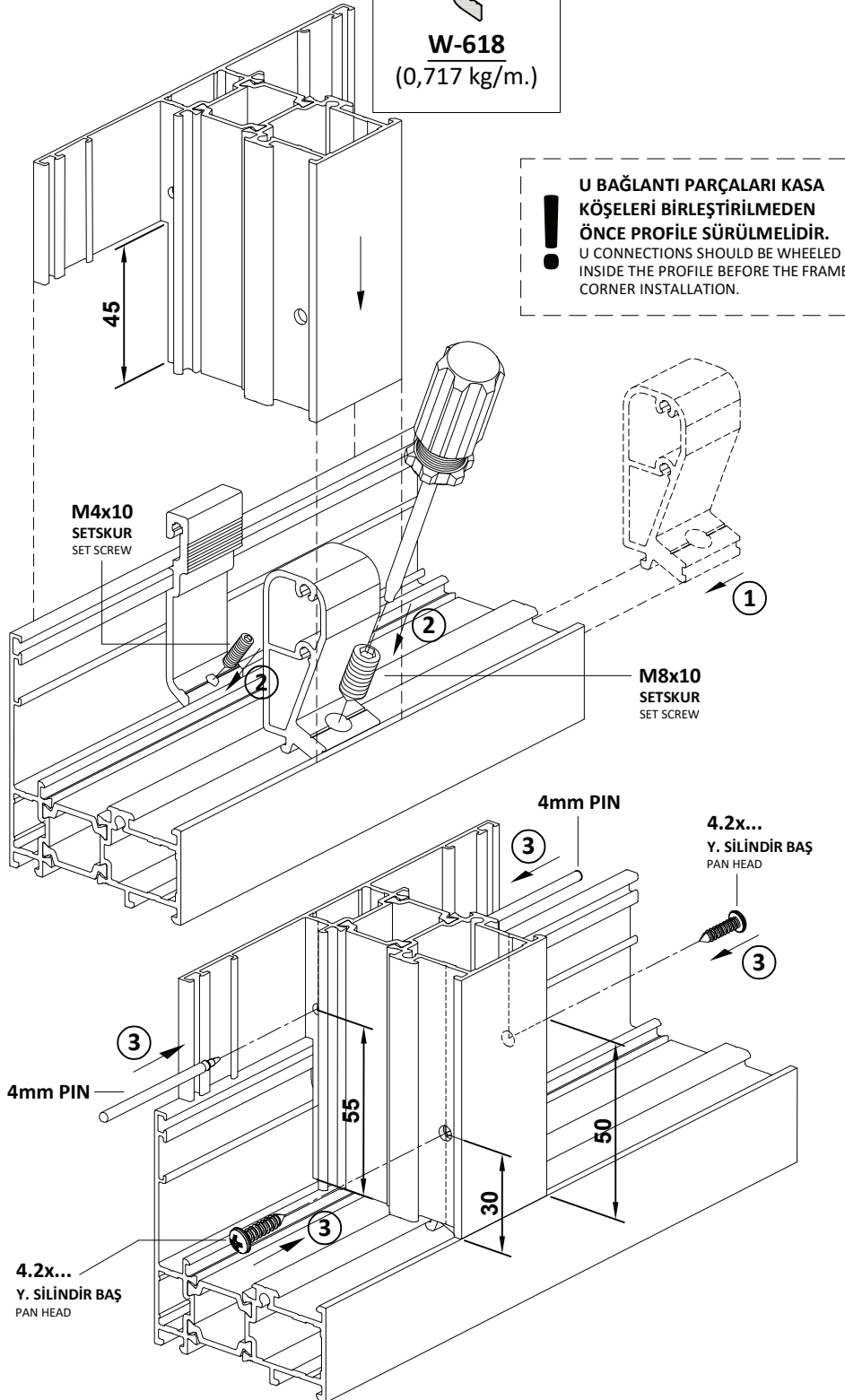
W-618
(0,717 kg/m.)

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
310452	14,6 mm

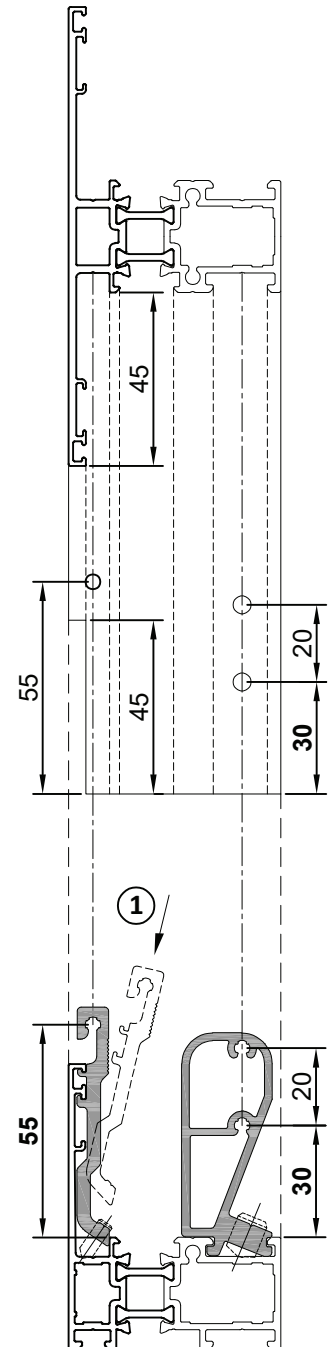
U BAĞ. / U CON.



W-617
(1,154 kg/m.)



U BAĞLANTI PARÇALARI KASA KÖŞELERİ BİRLEŞTİRİLMEDEN ÖNCE PROFİLE SÜRÜLMELİDİR.
U CONNECTIONS SHOULD BE WHEELED INSIDE THE PROFILE BEFORE THE FRAME CORNER INSTALLATION.



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

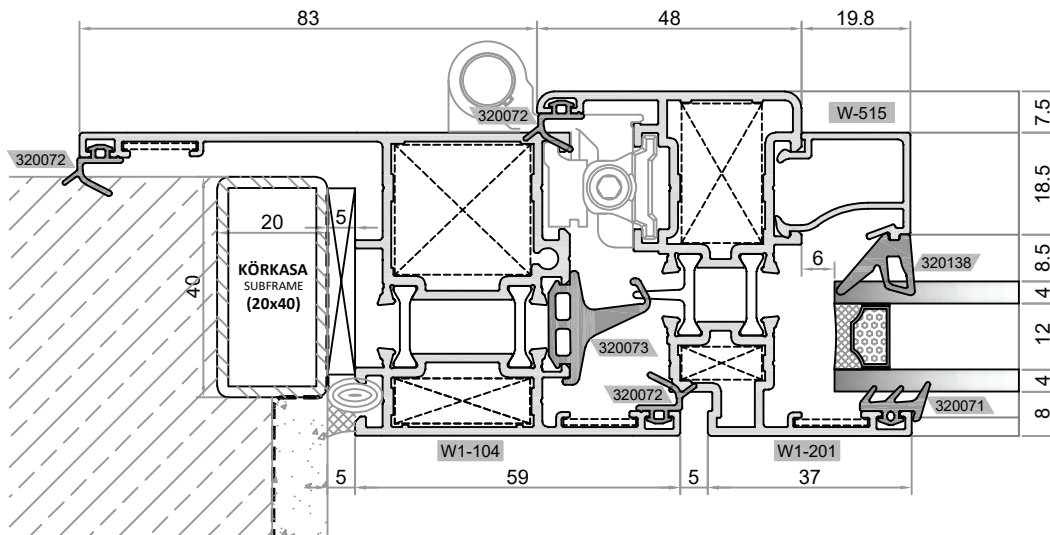
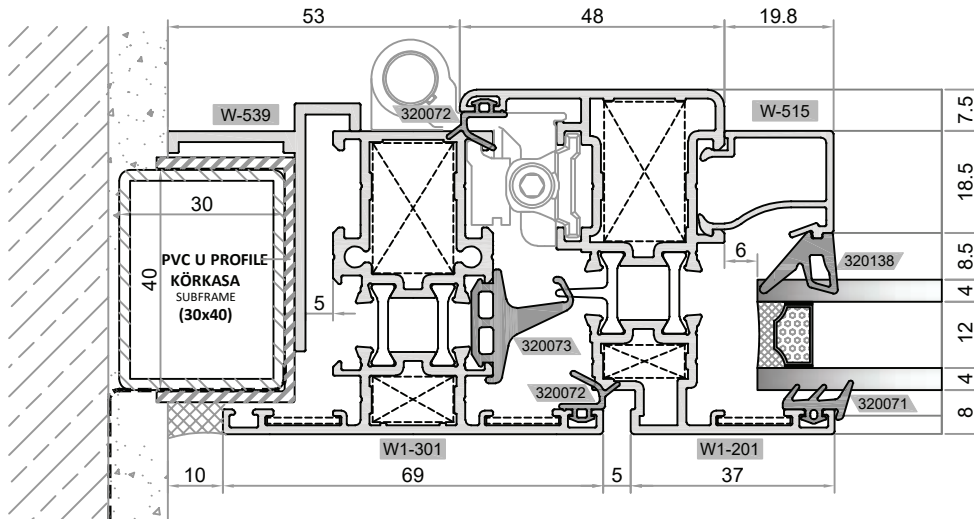
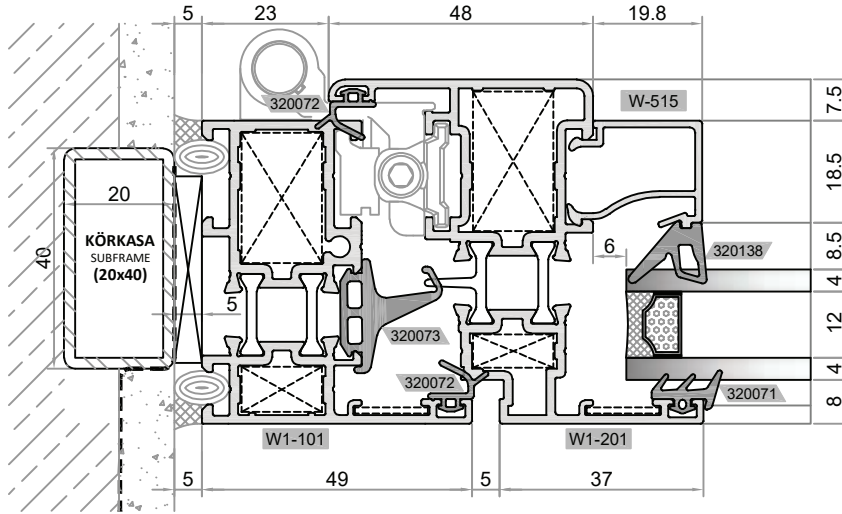
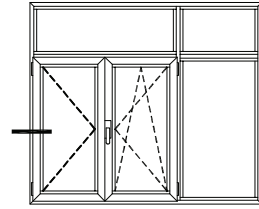
► SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.
SİSTEM ALÜMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.

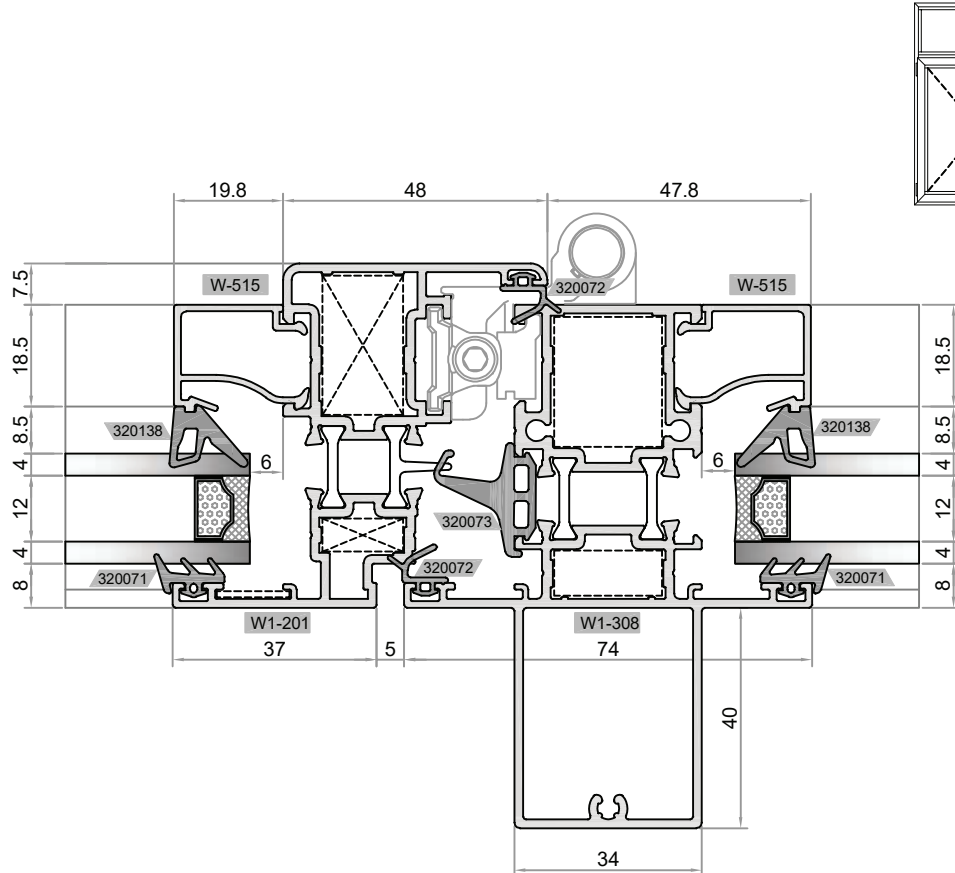
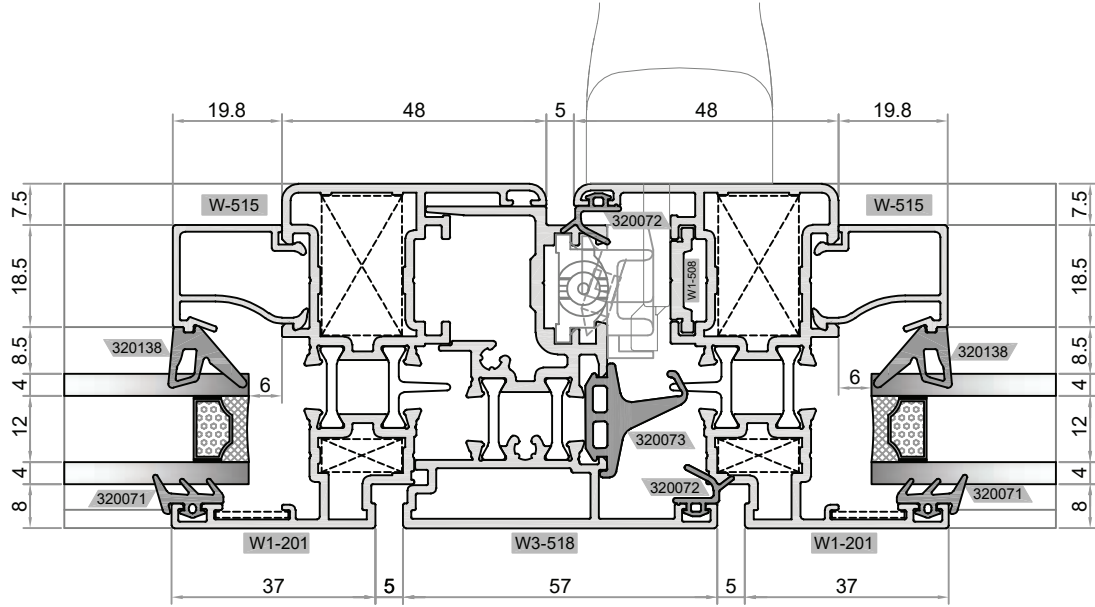
PENCERE DETAYLARI

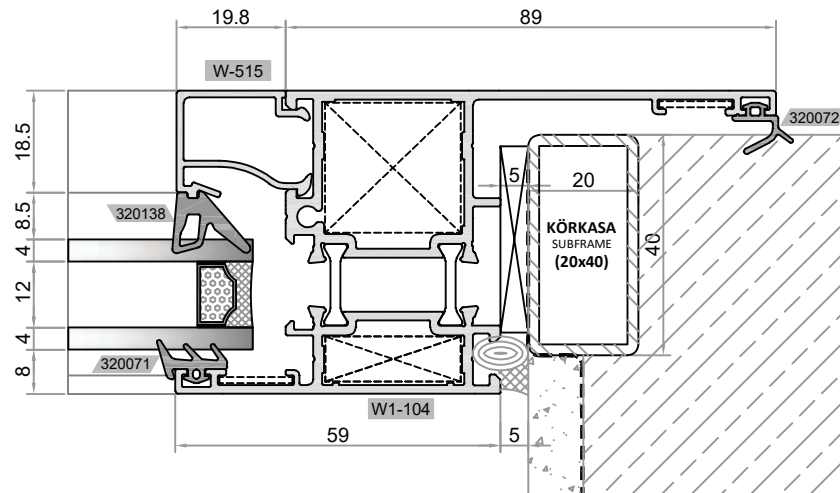
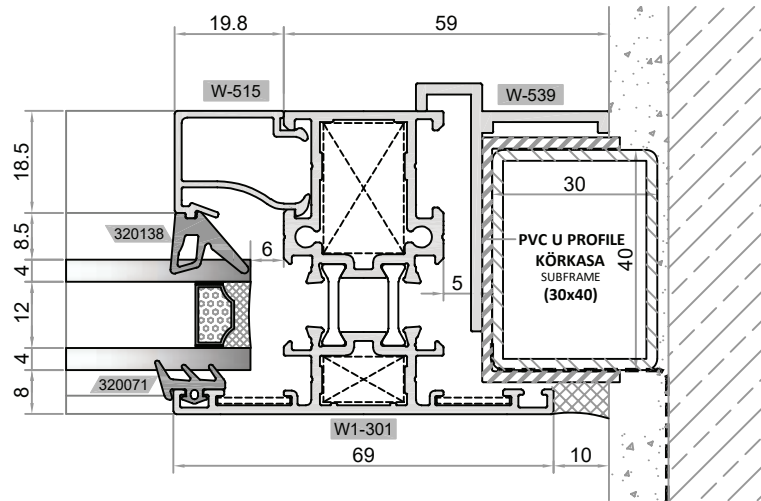
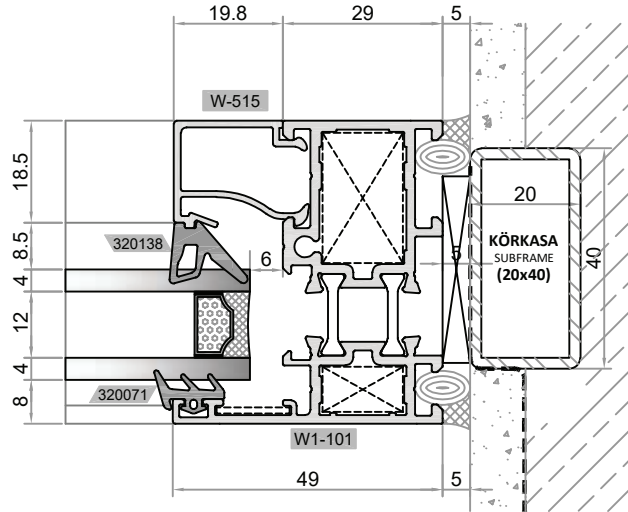
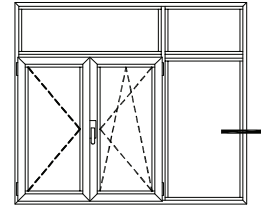
WINDOW DETAILS

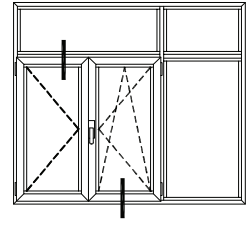
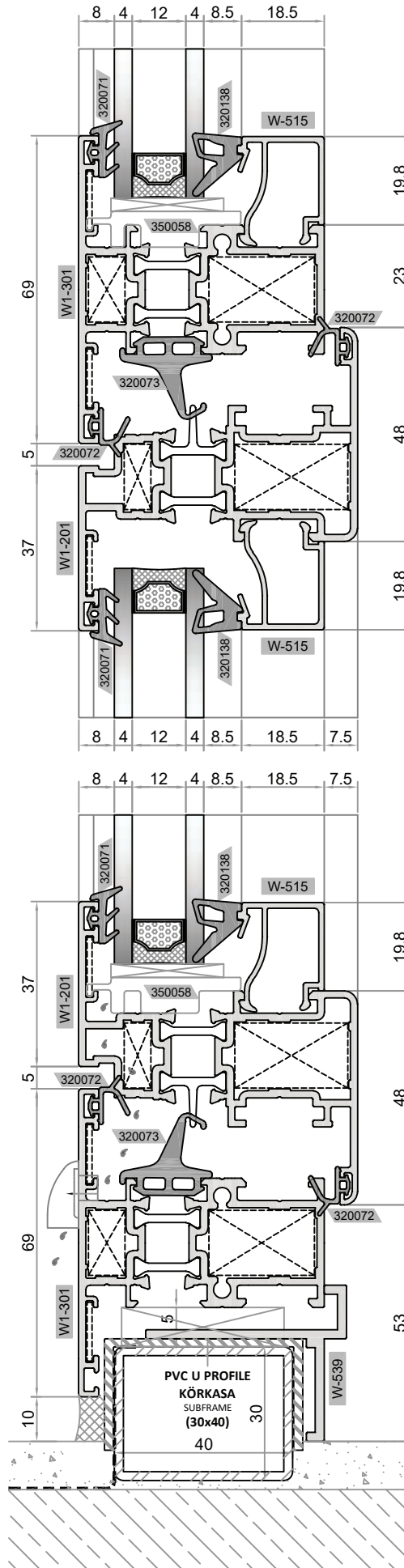


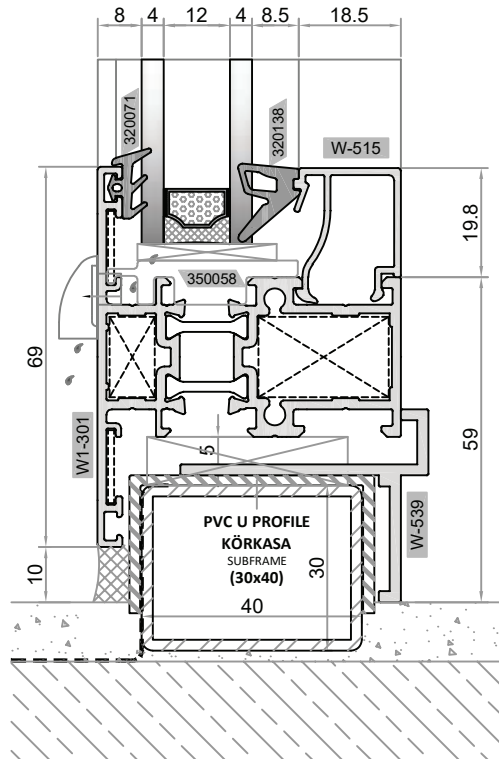
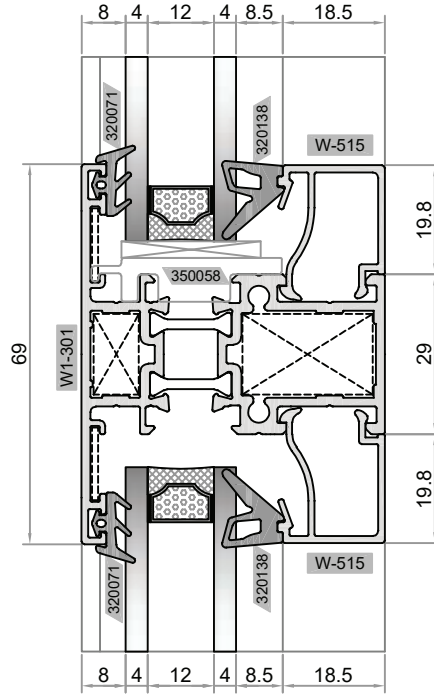
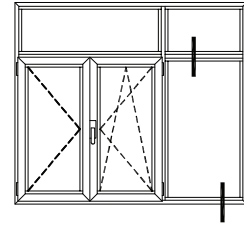
► SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.
SİSTEM ALÜMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.

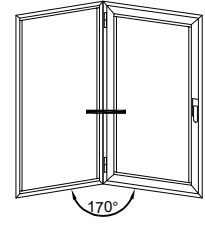




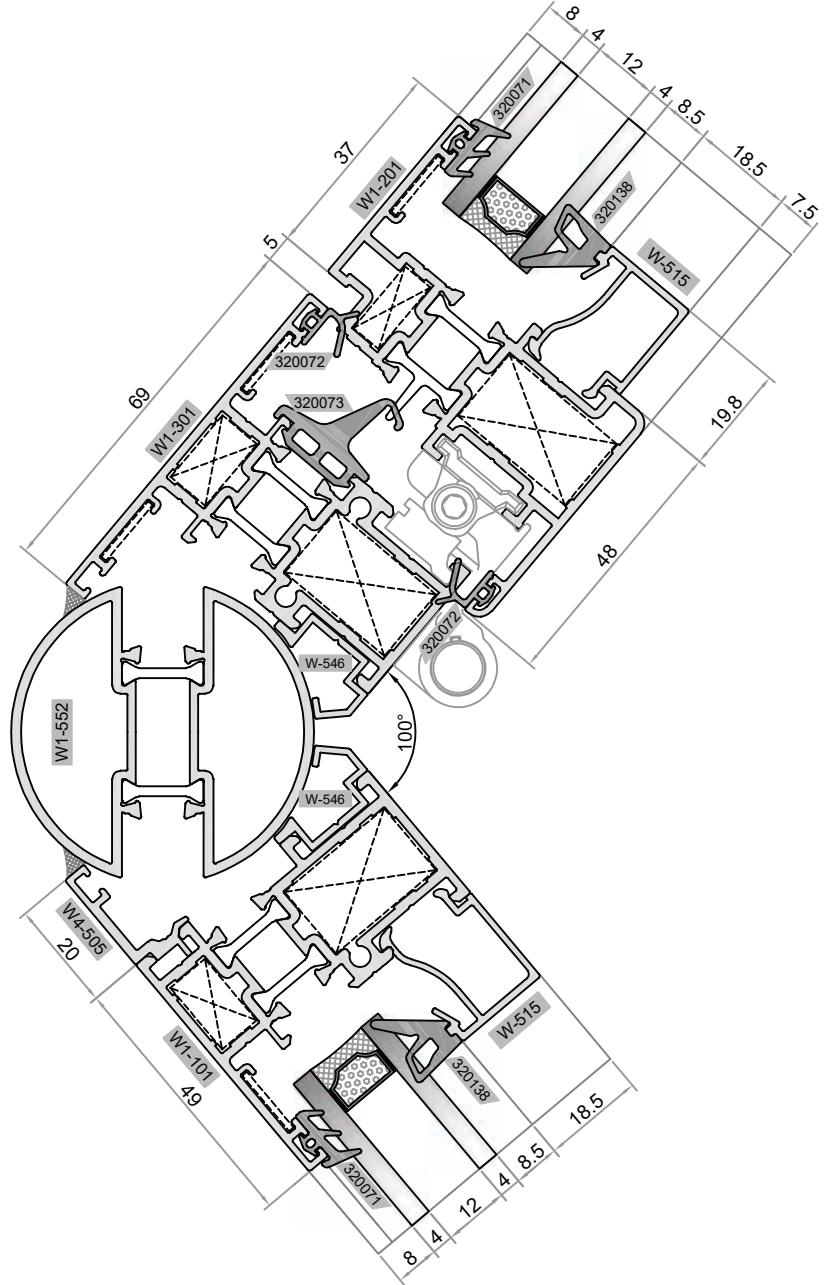
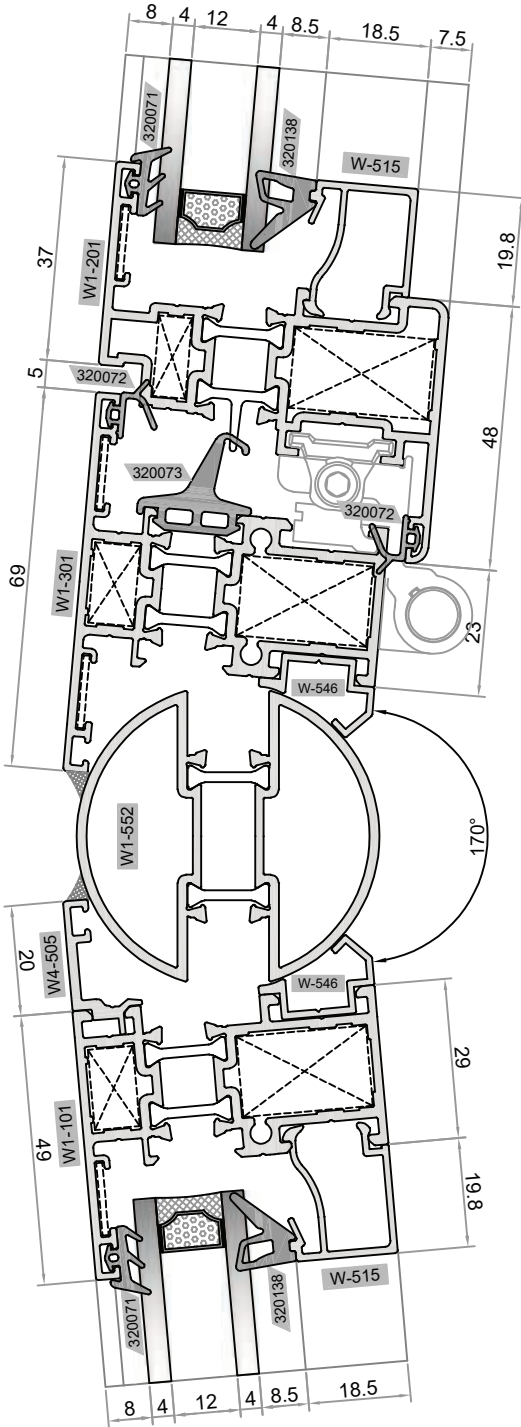


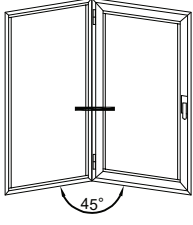




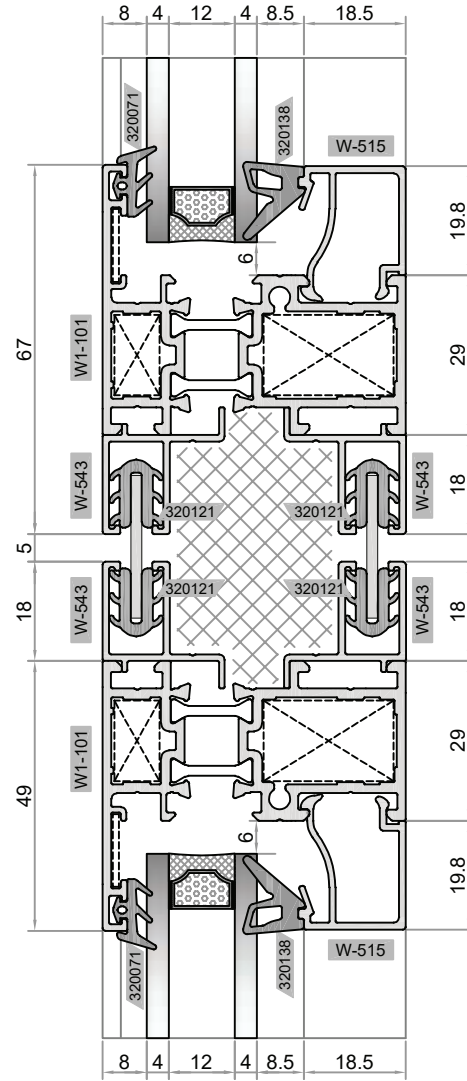
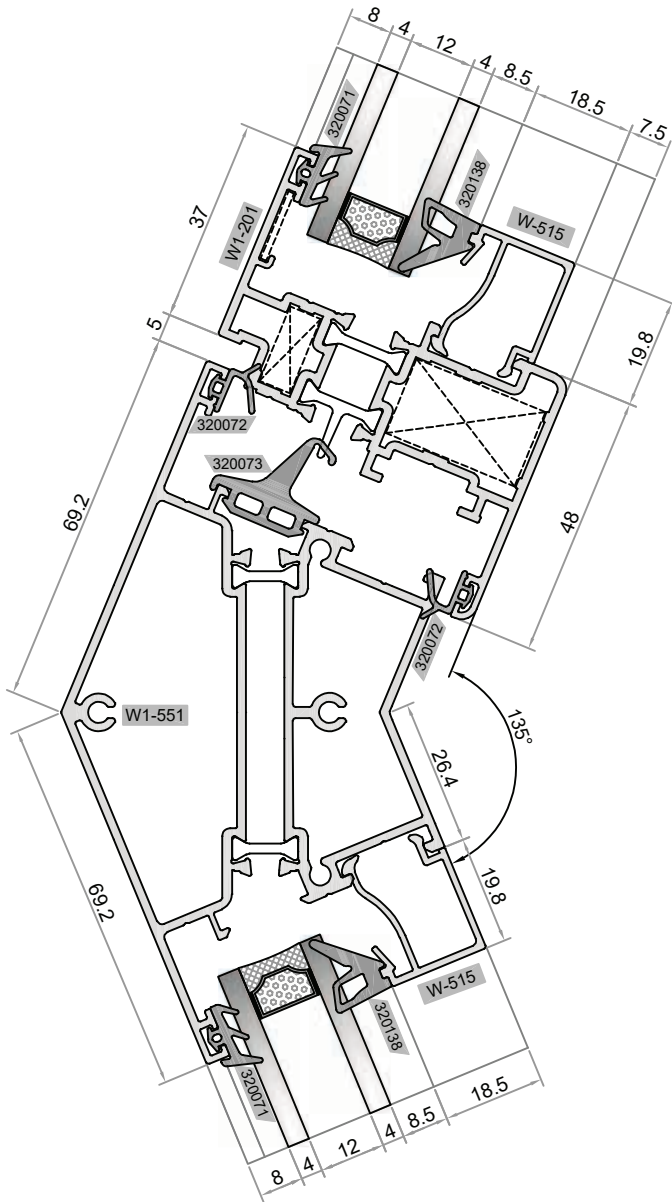
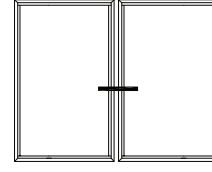


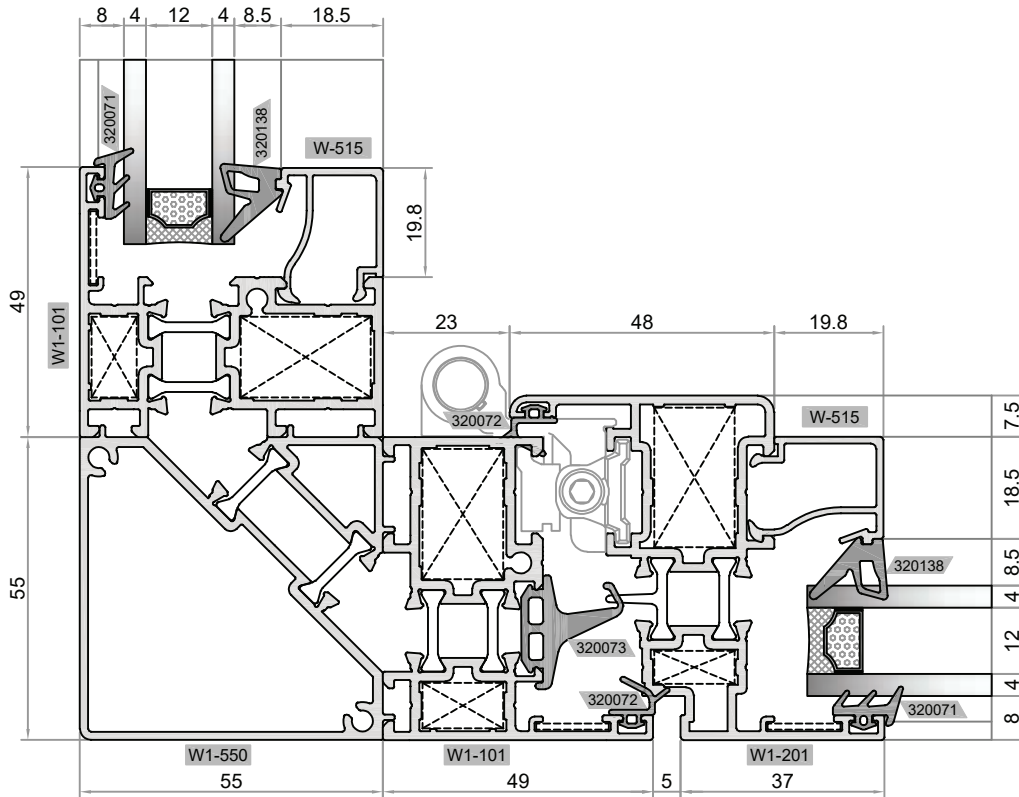
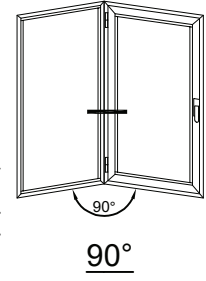
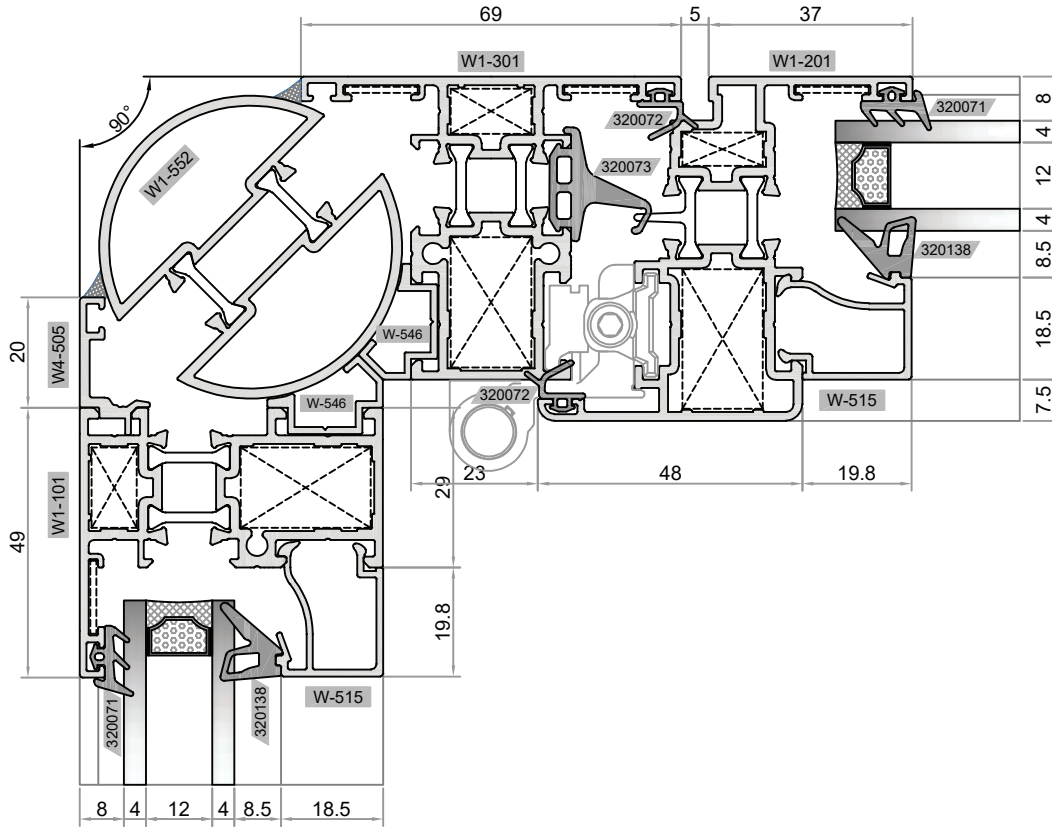
100° - 170°

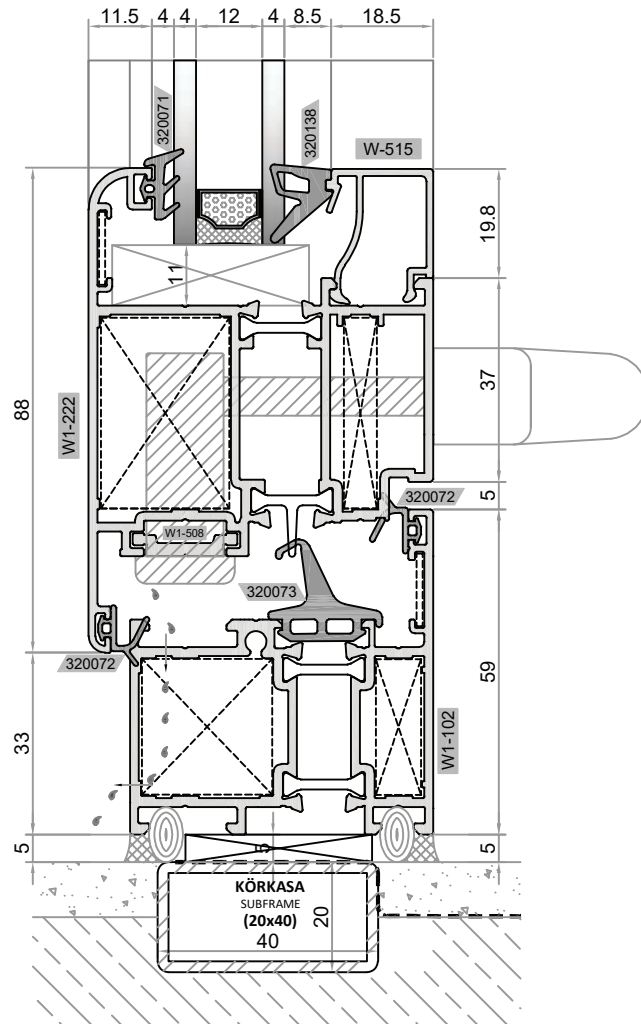
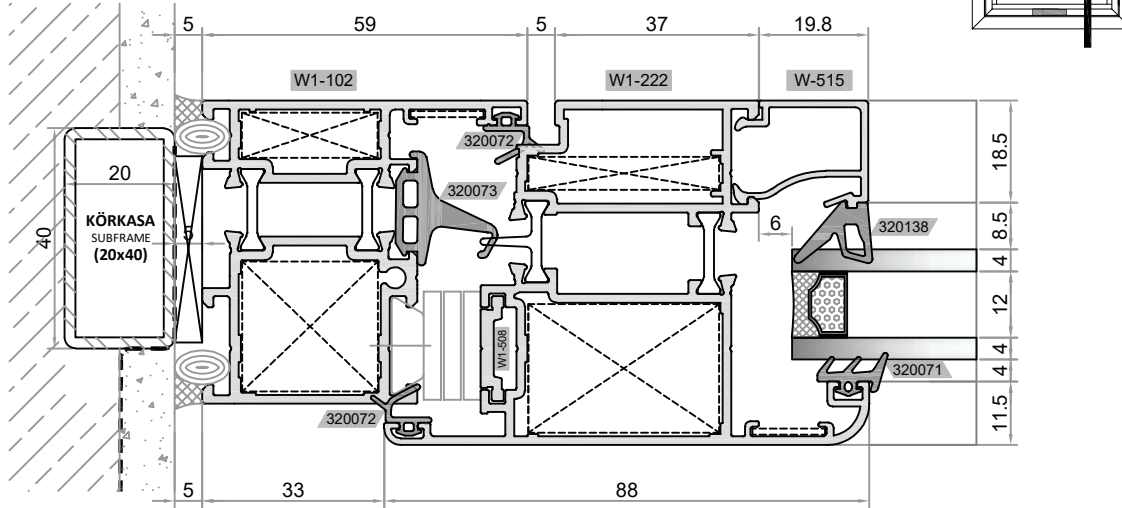


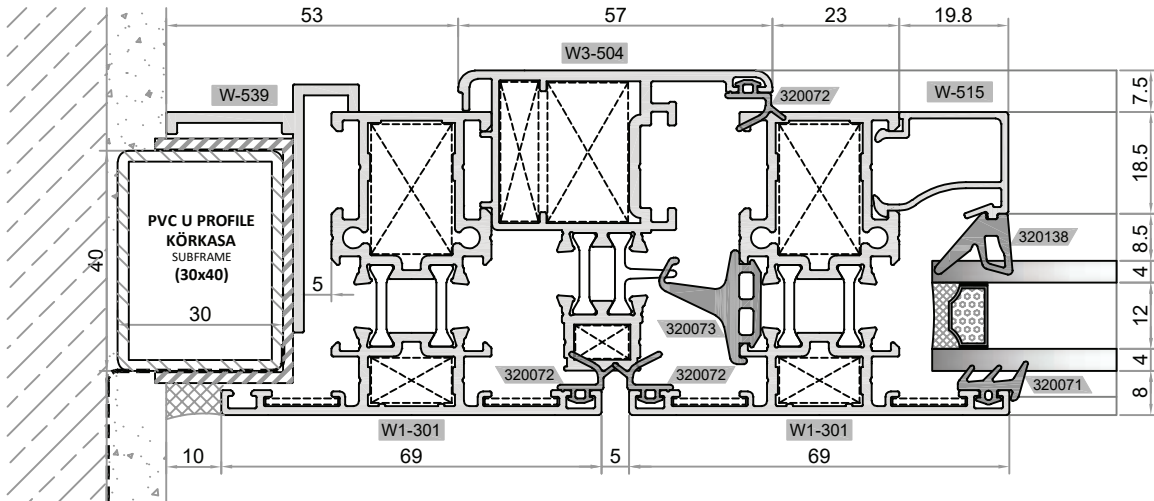
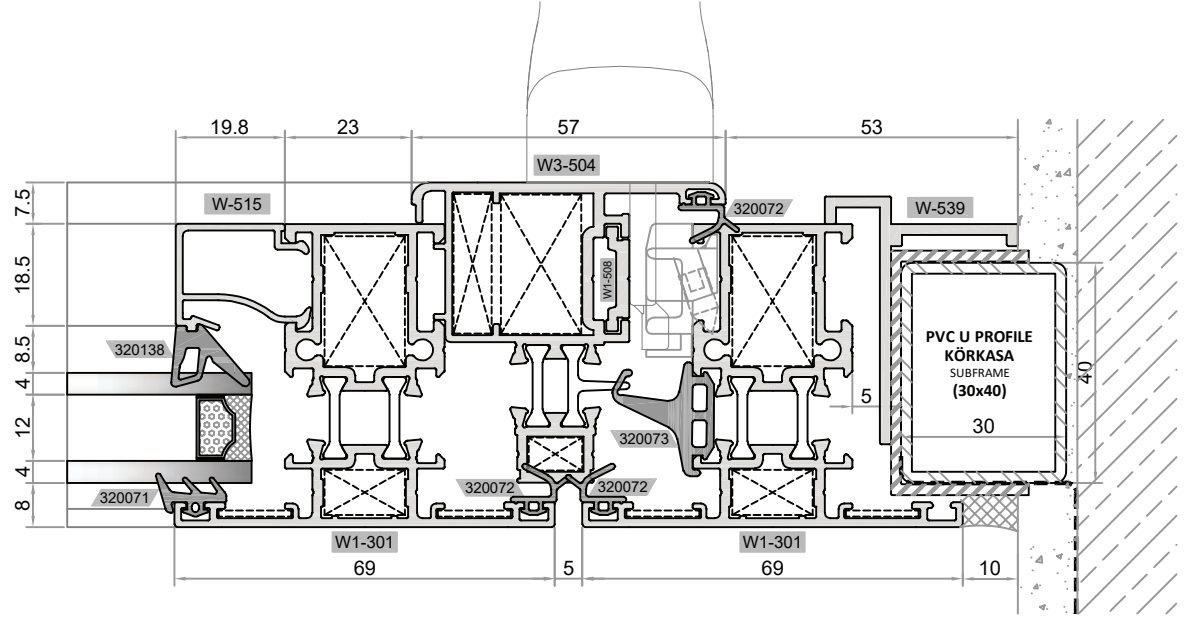
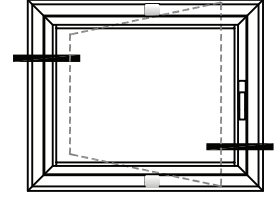


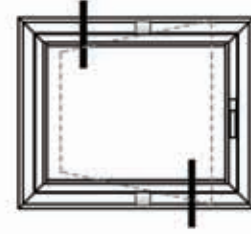
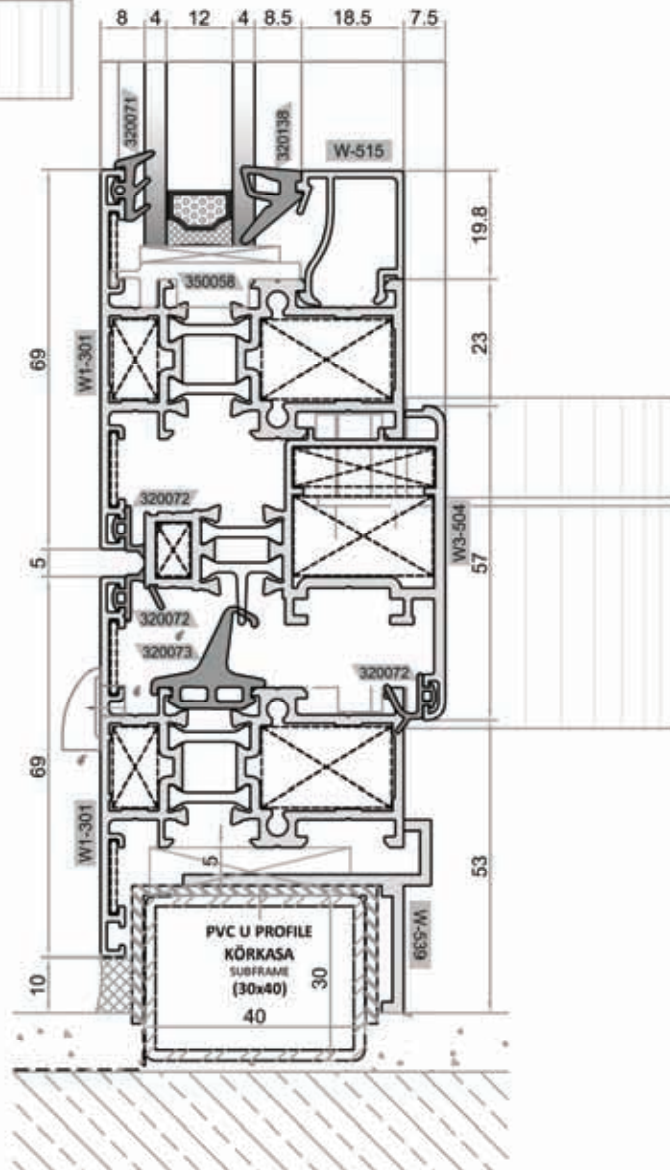
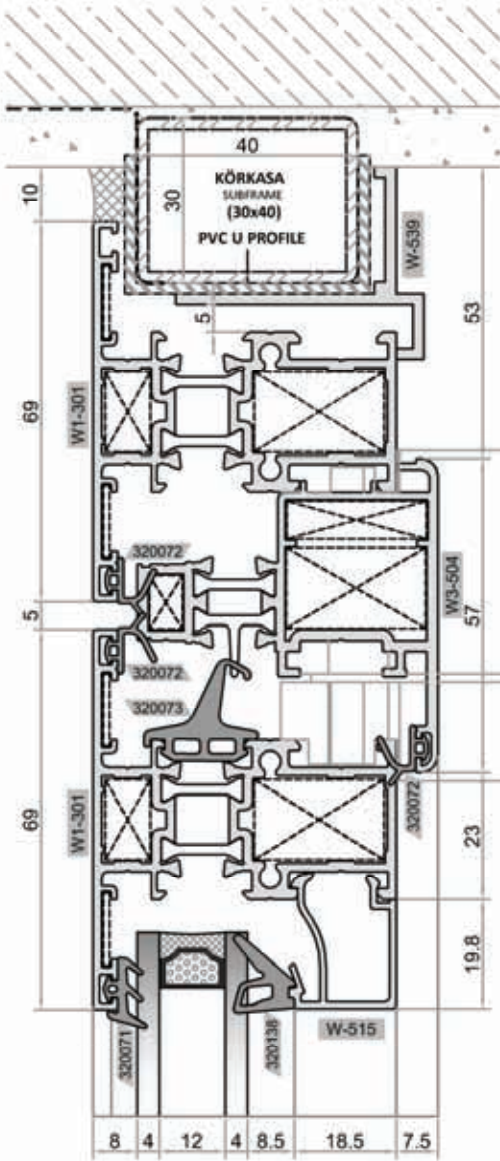
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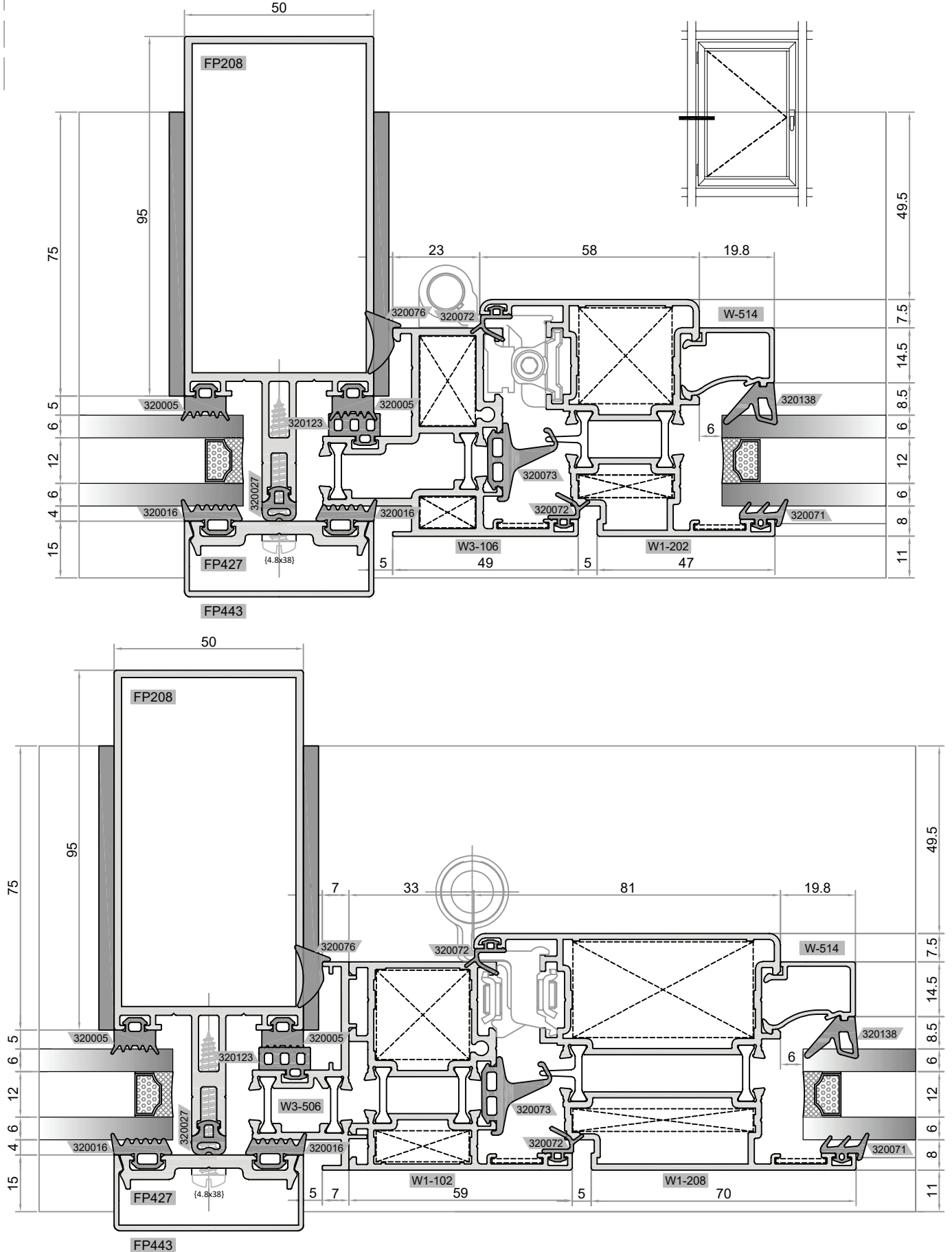


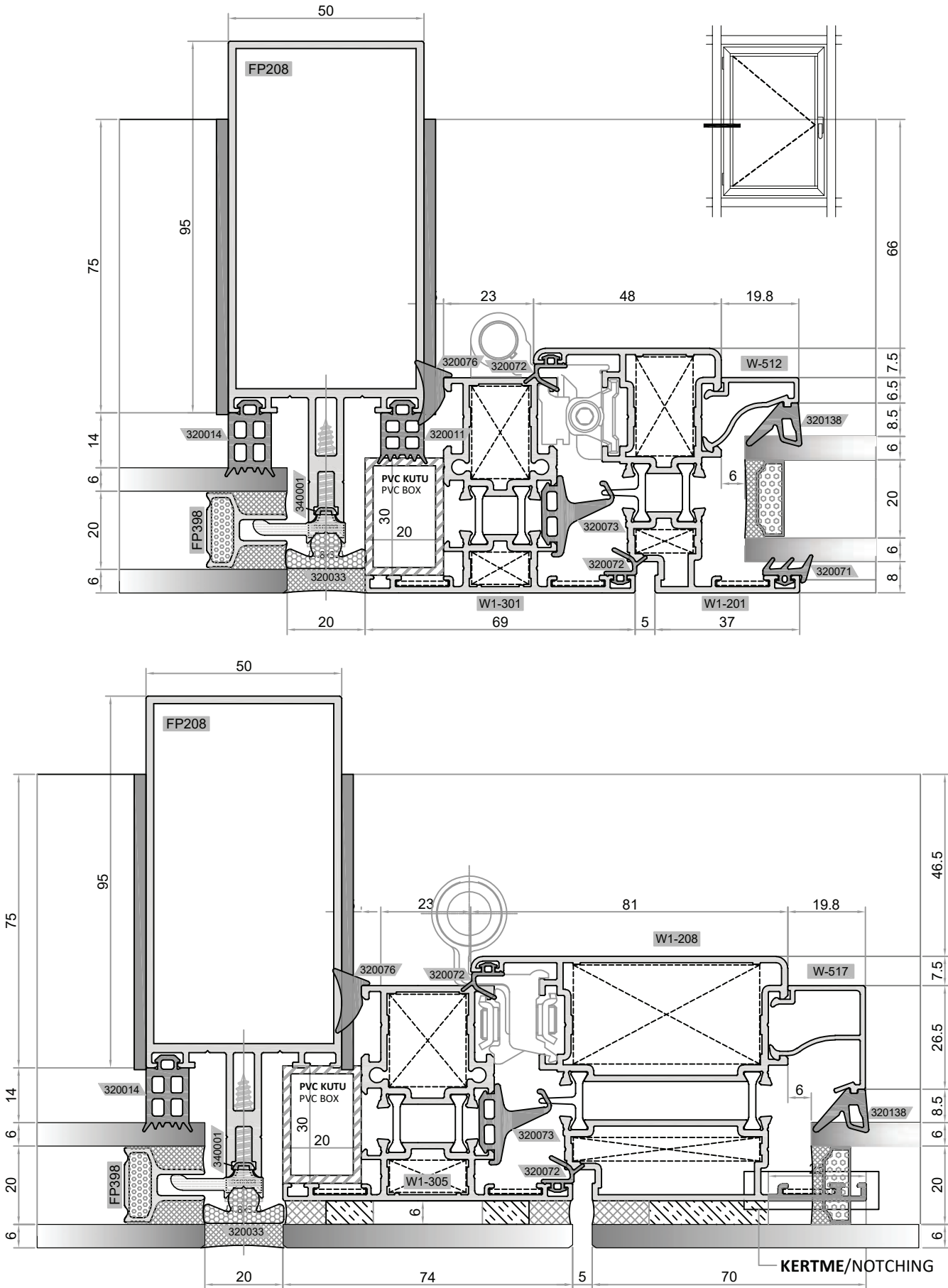


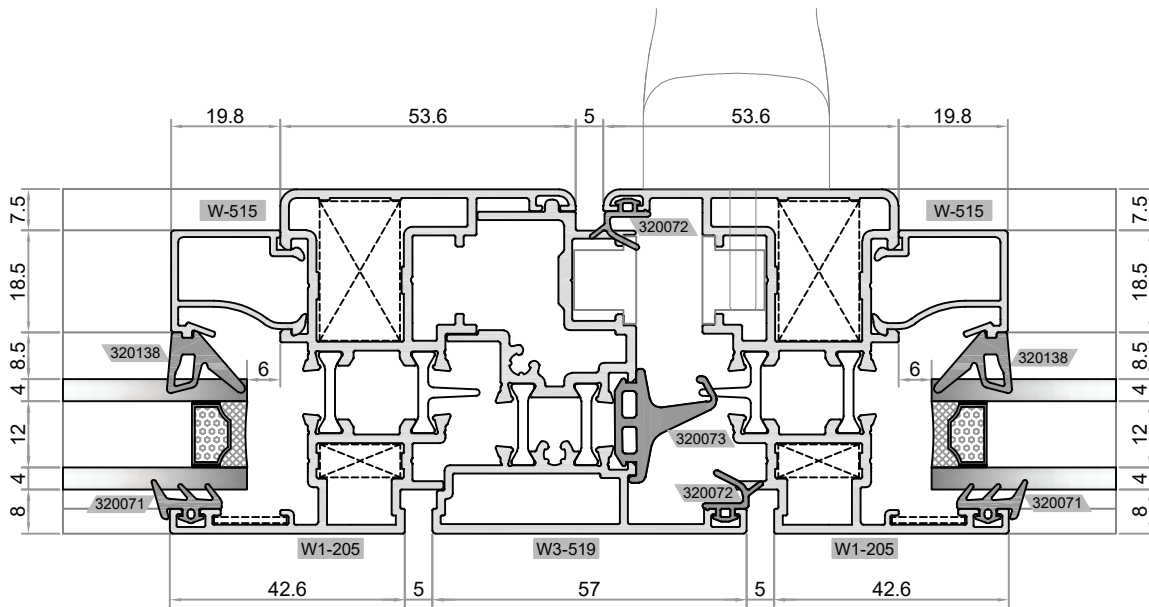
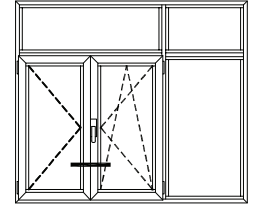
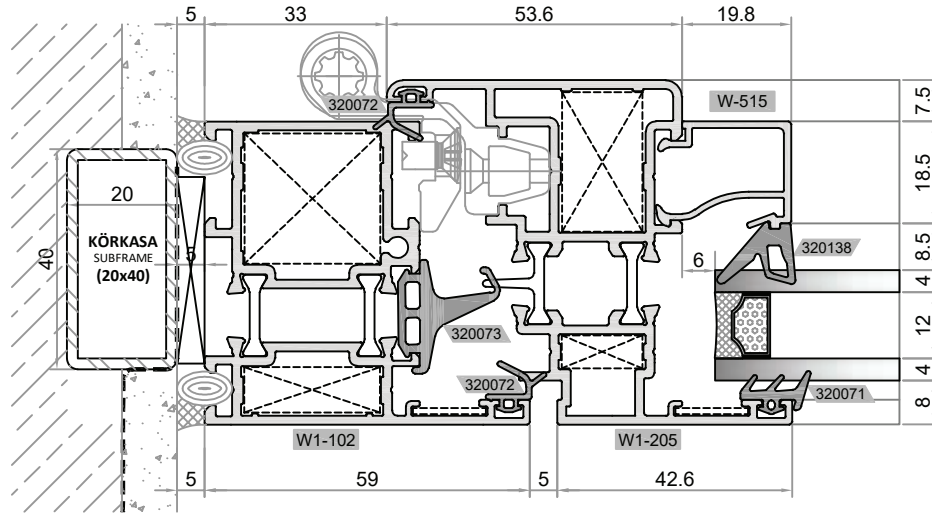
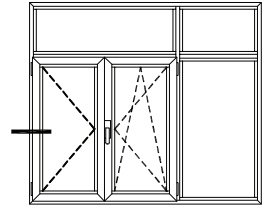


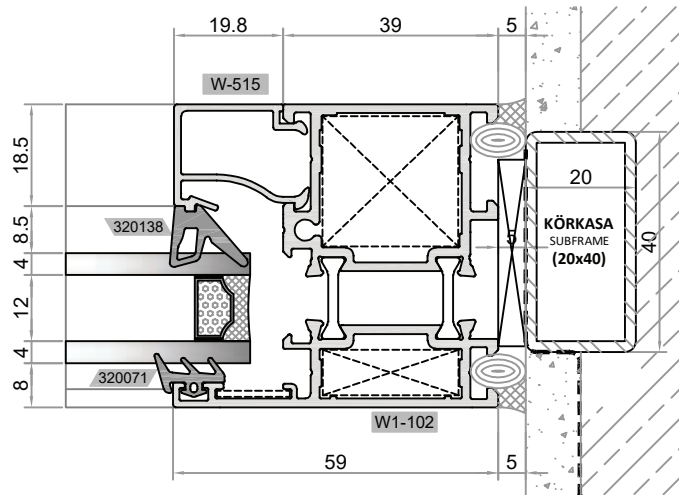
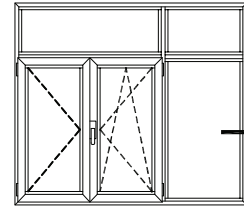
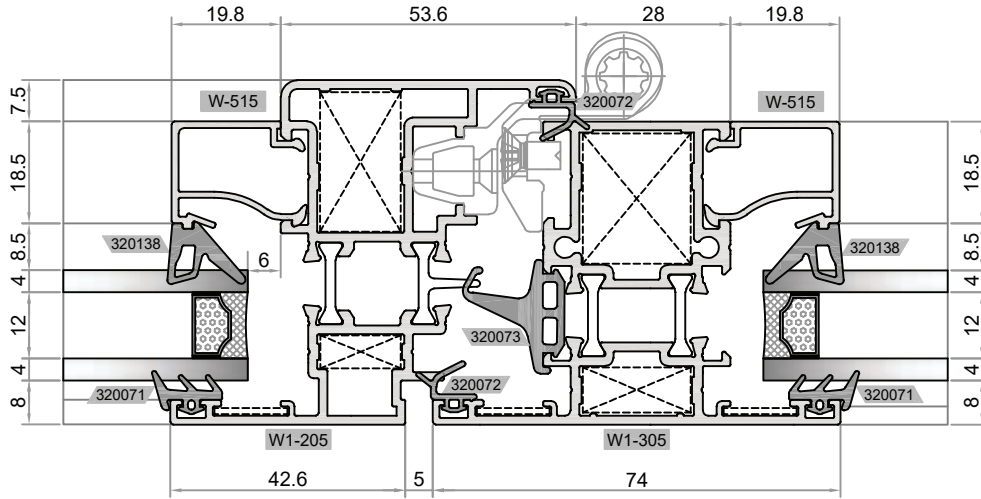
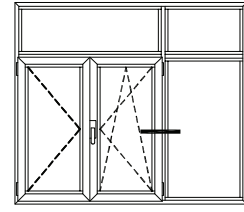


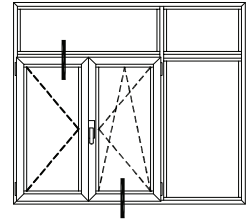
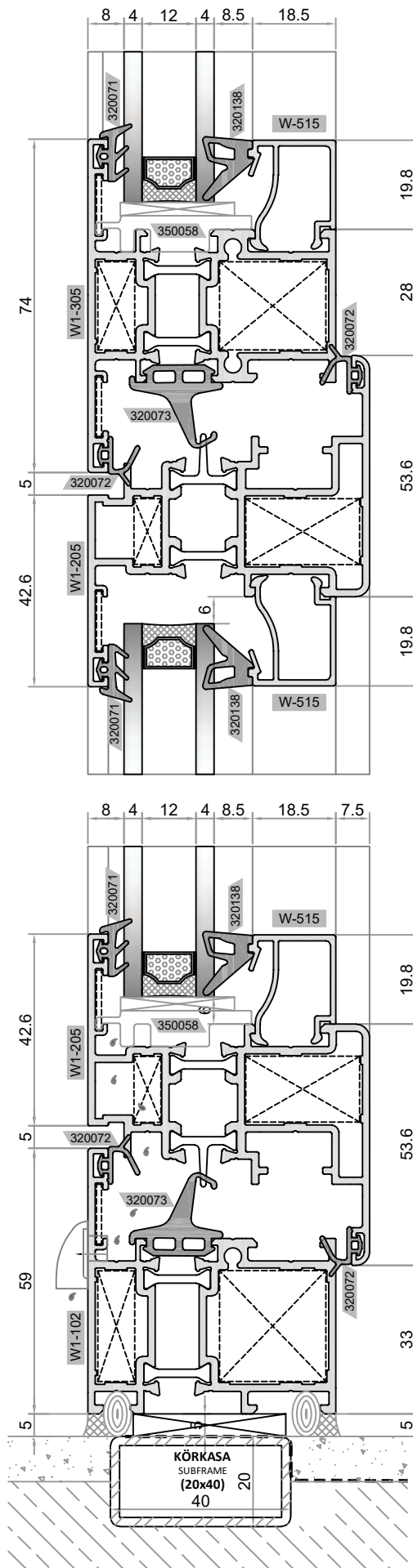


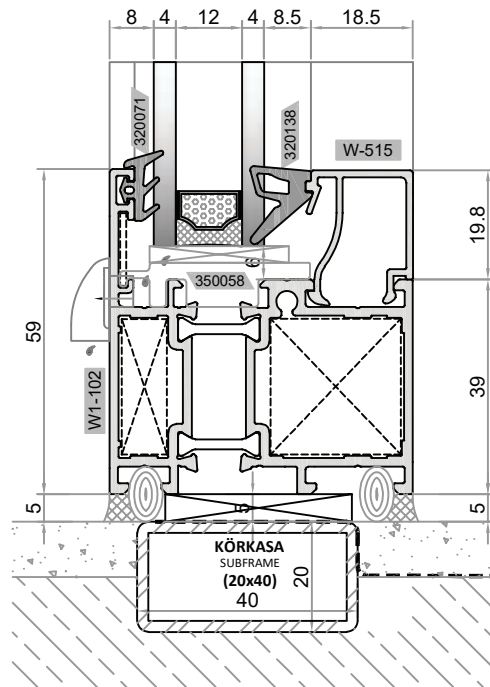
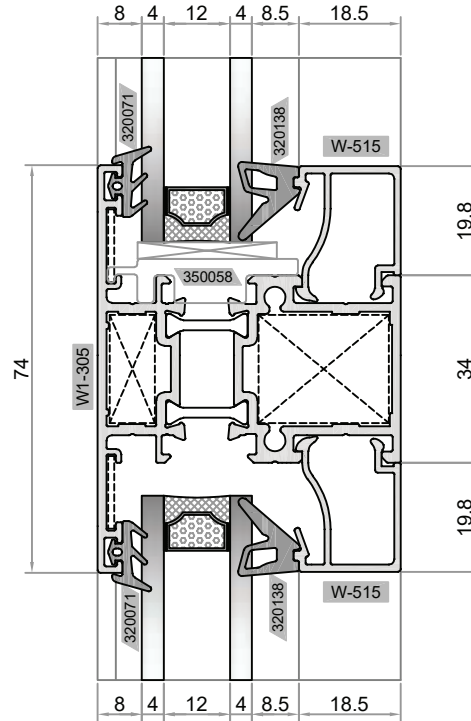
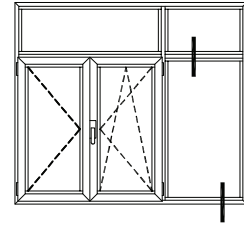






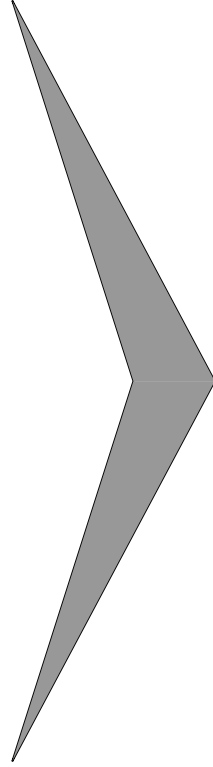




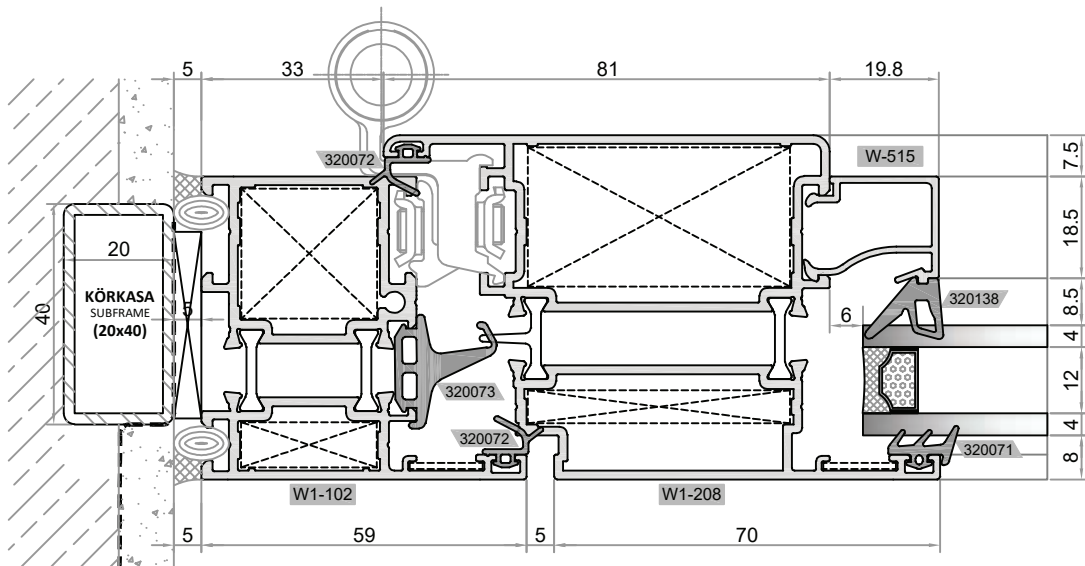
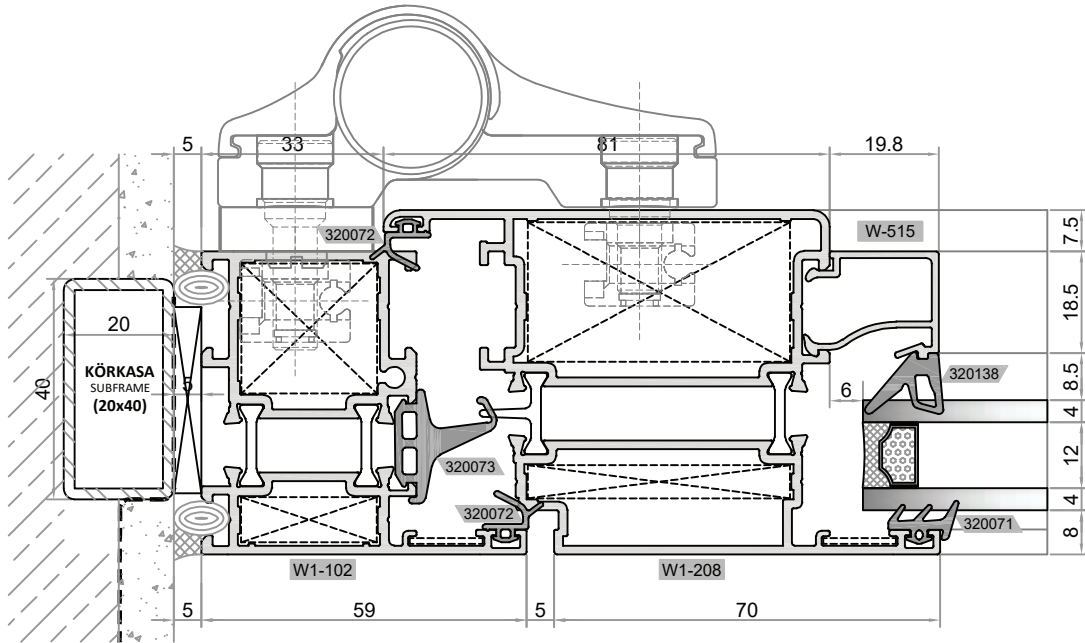
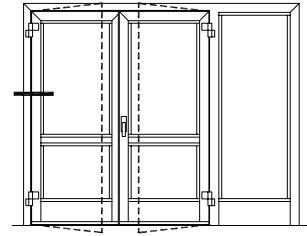


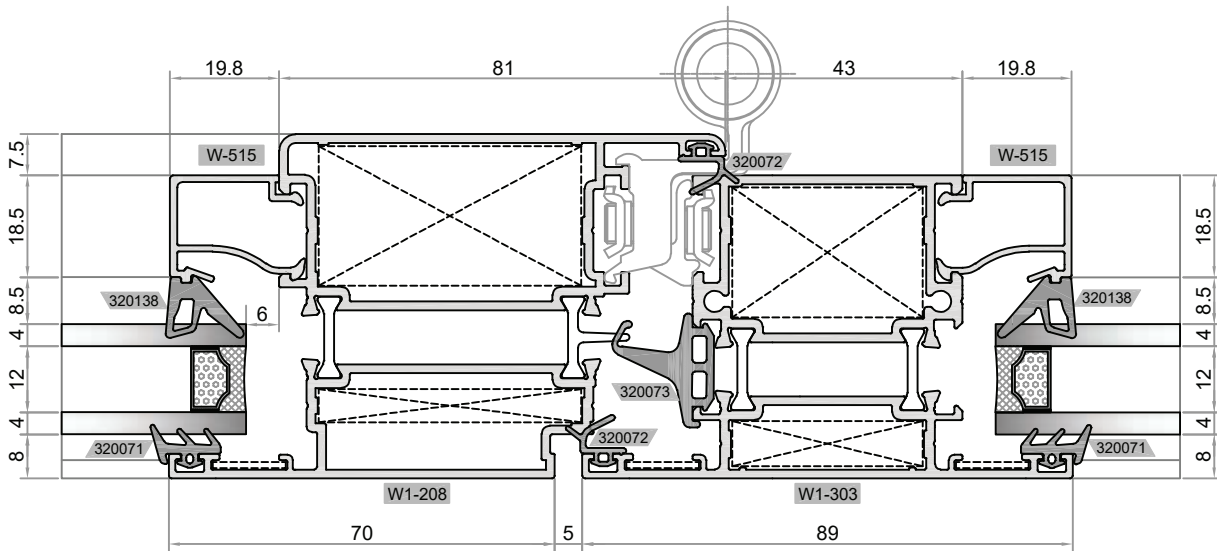
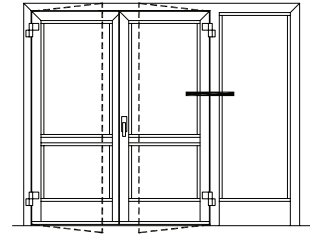
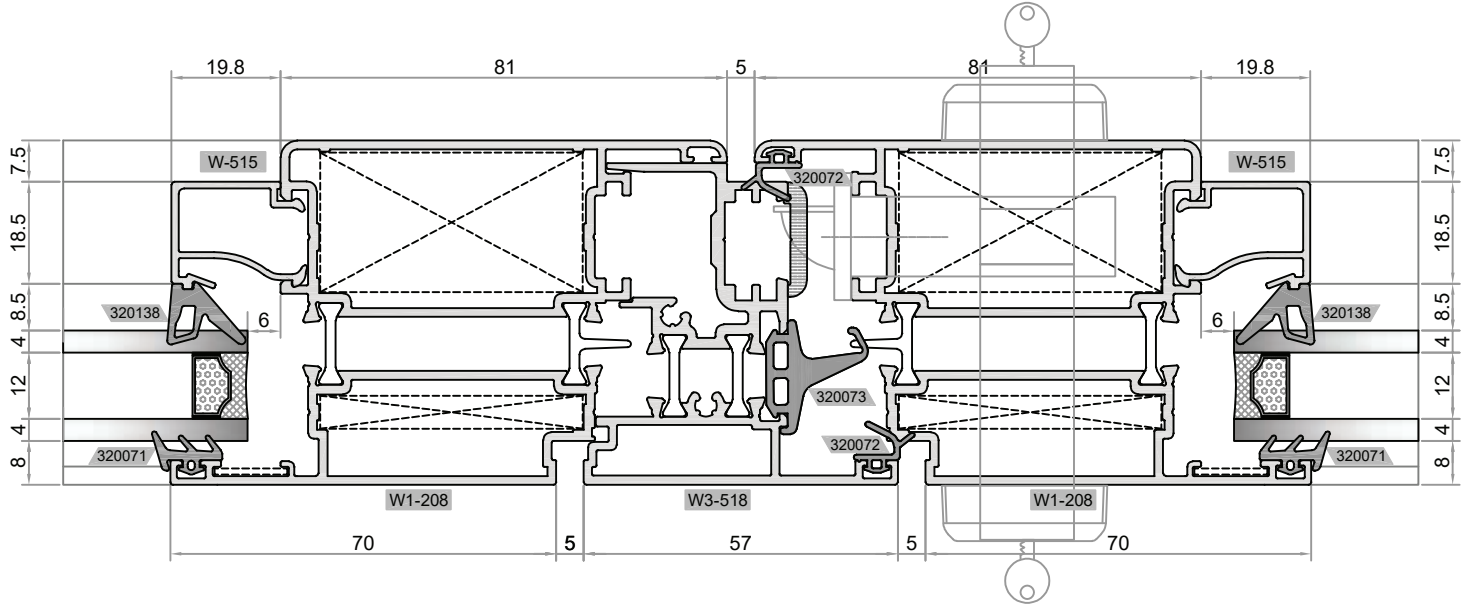
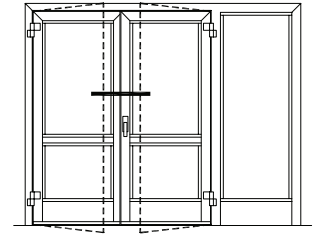
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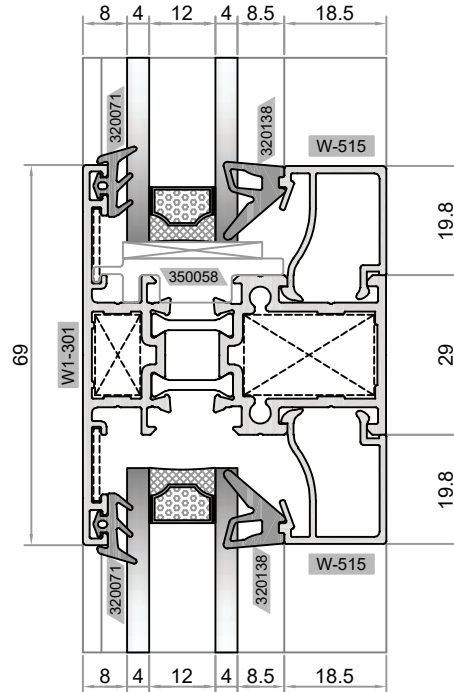
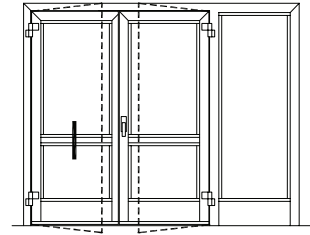
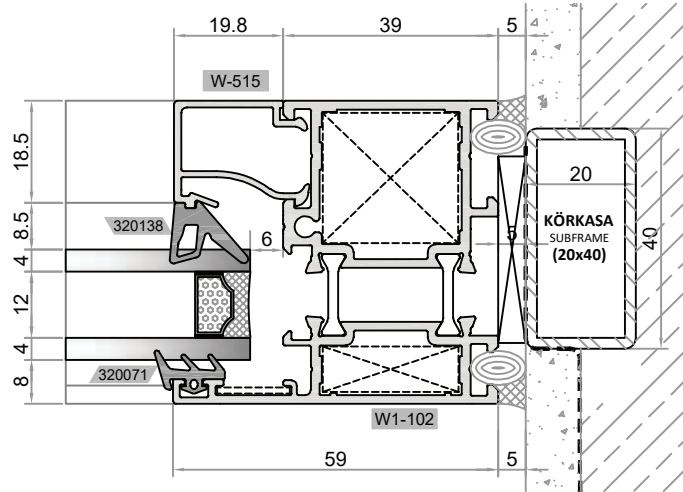
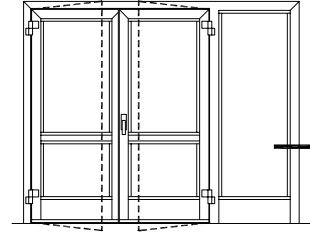
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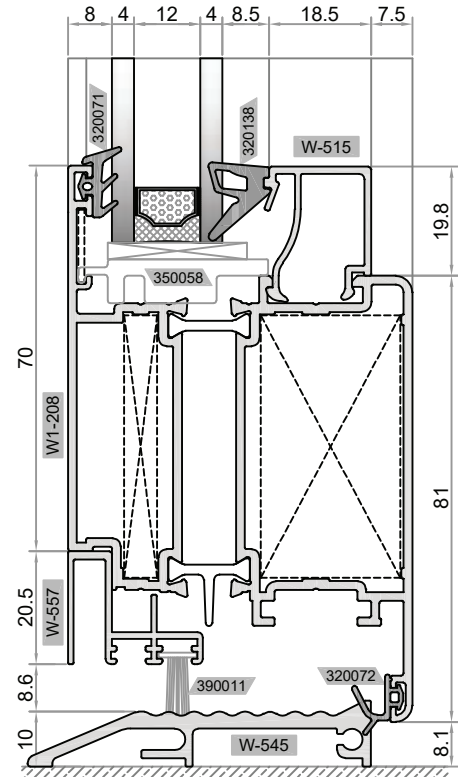
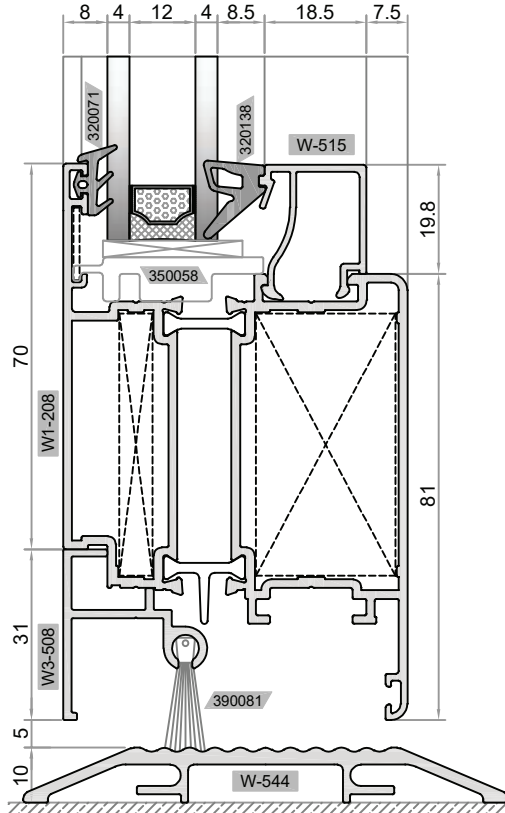
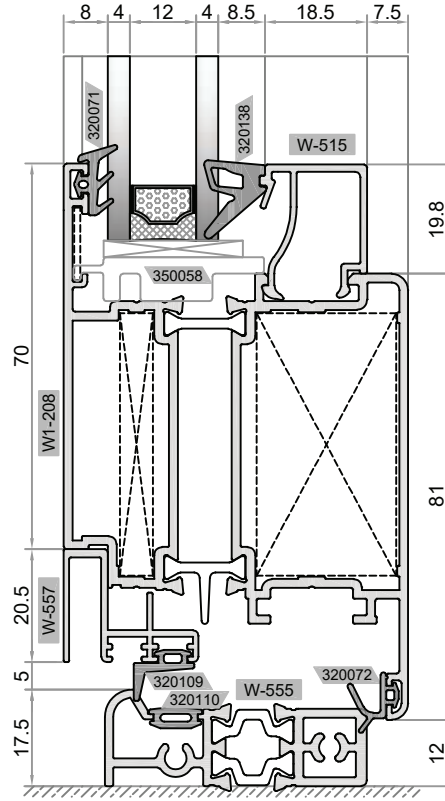
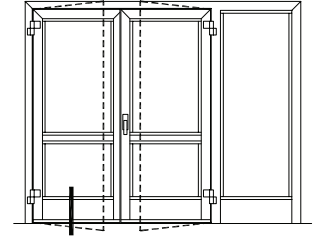


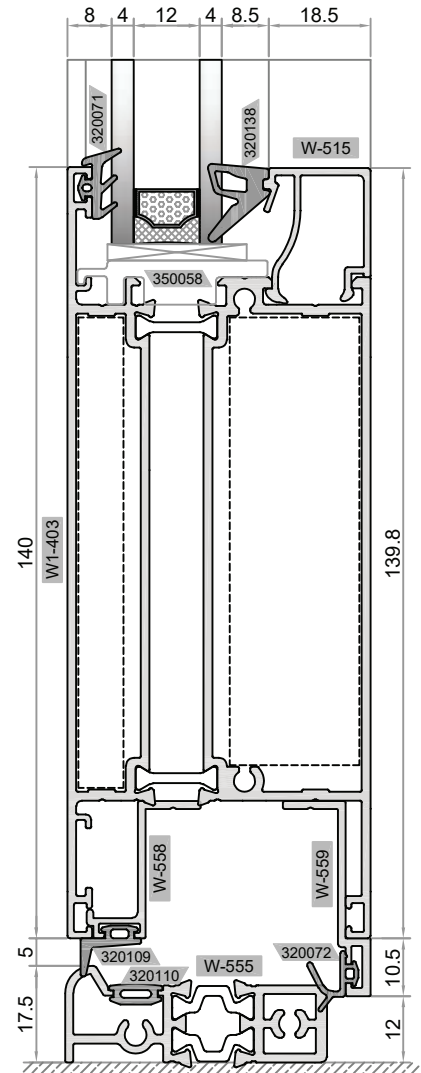
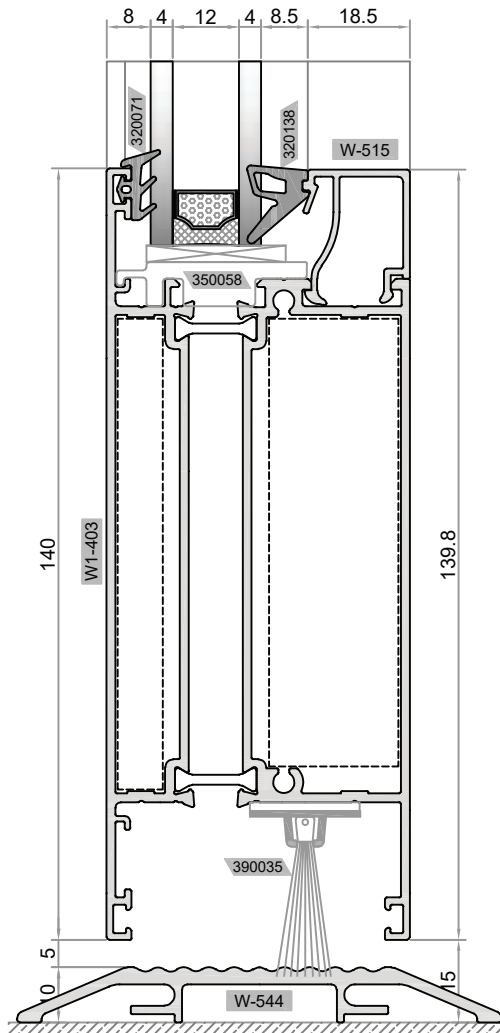
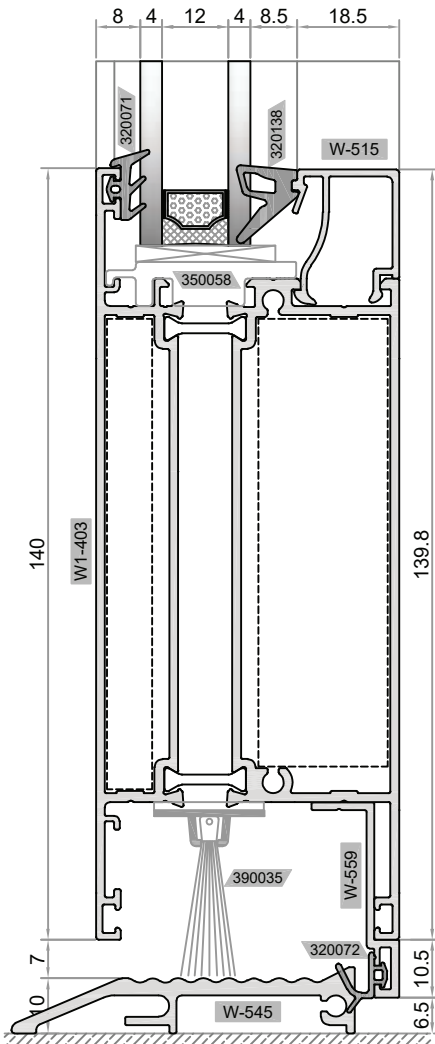
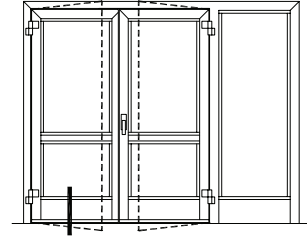
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SİSTEM ALÜMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.

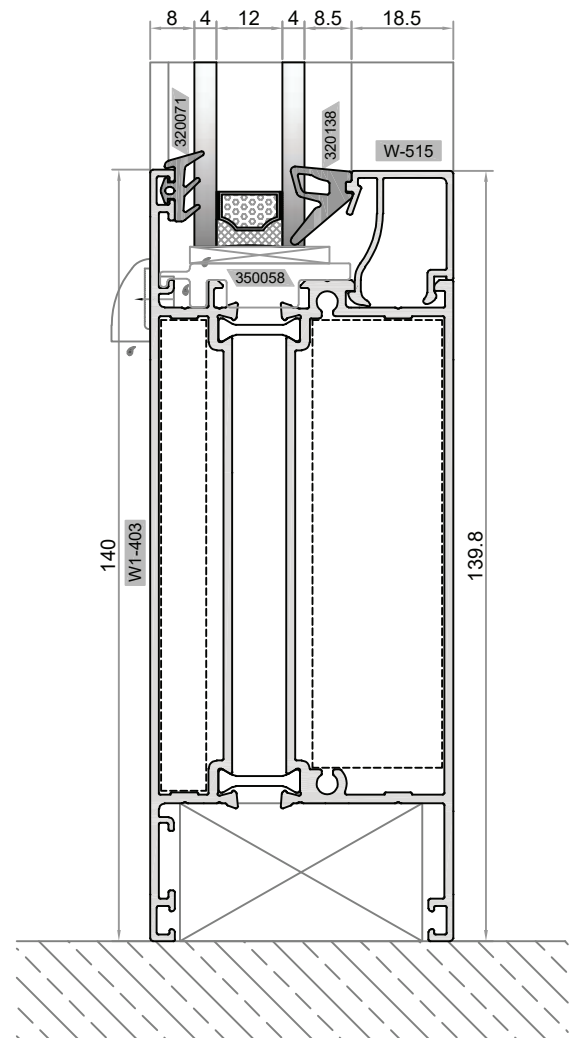
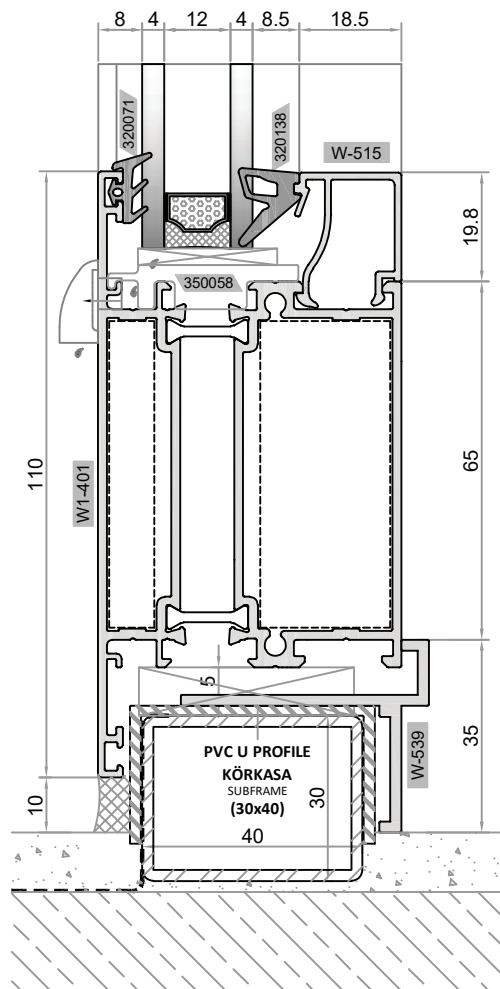
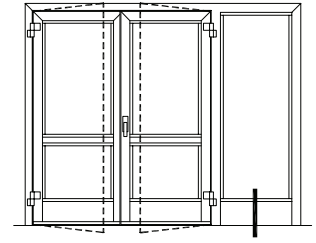


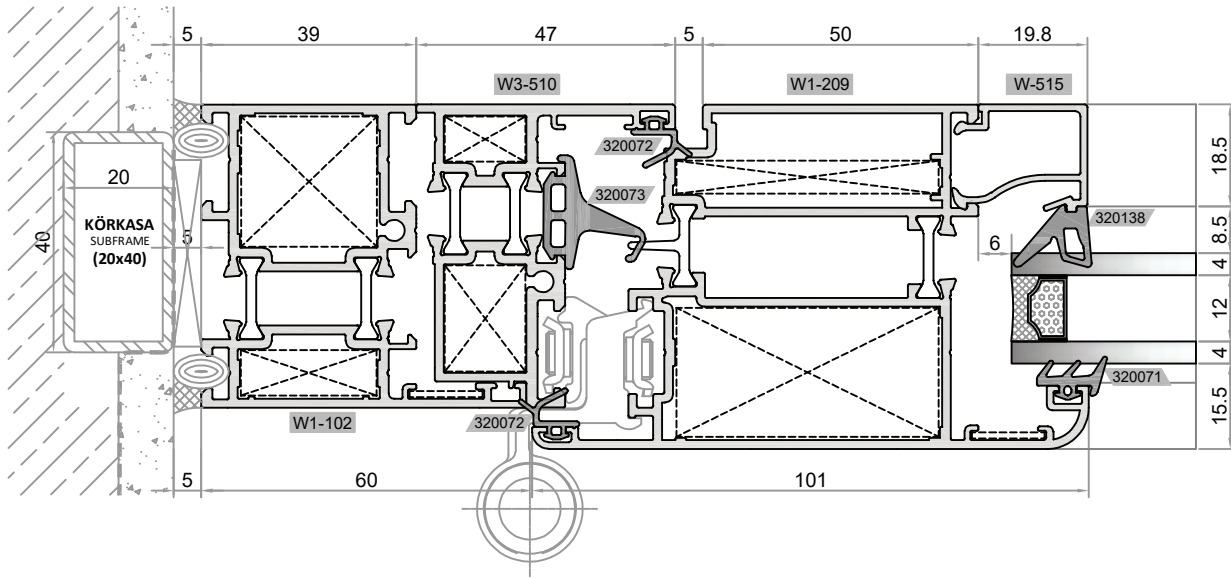
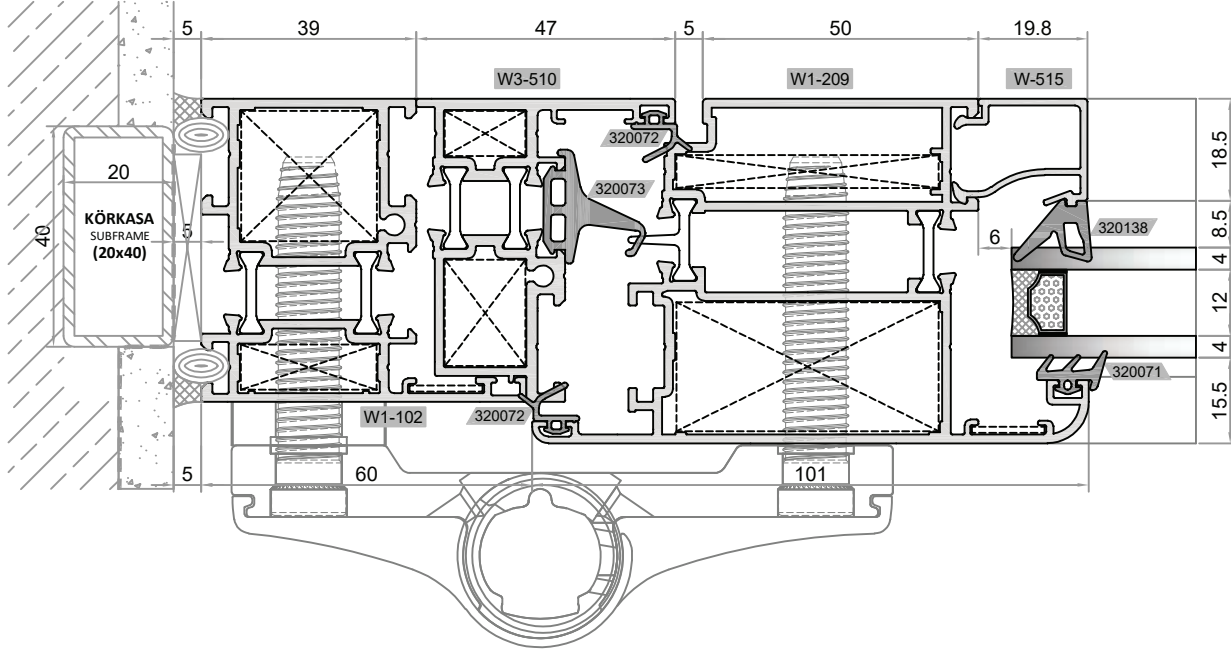
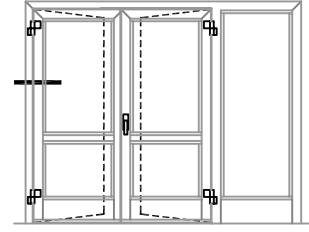


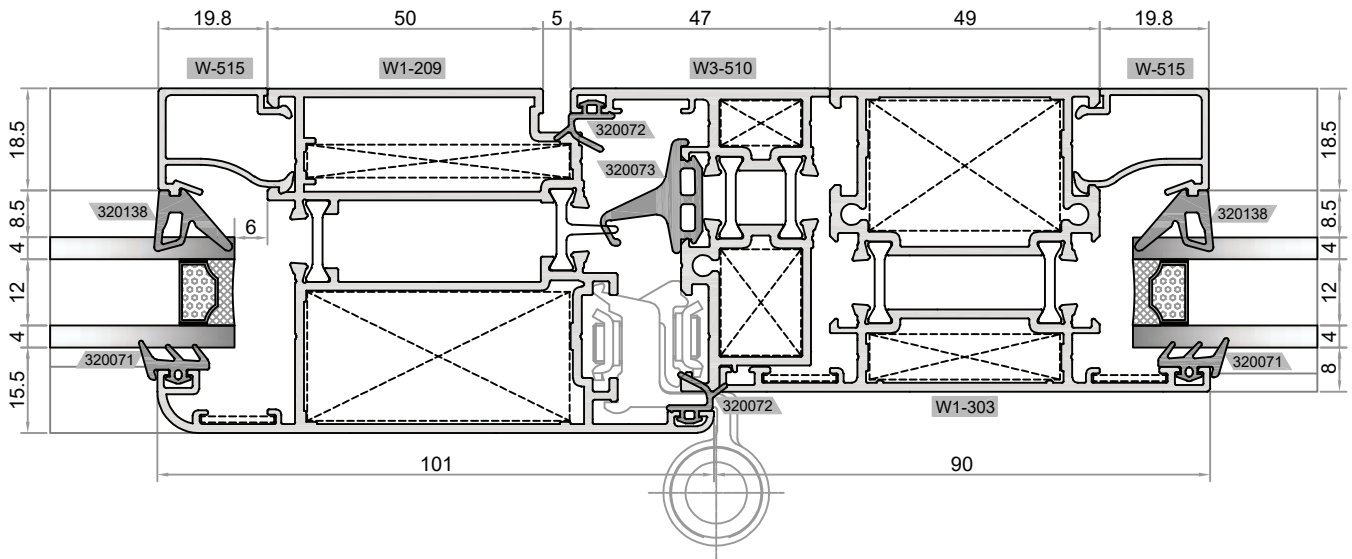
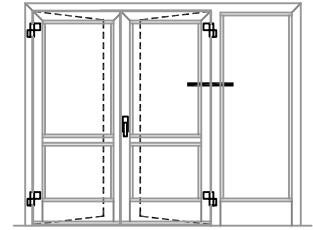
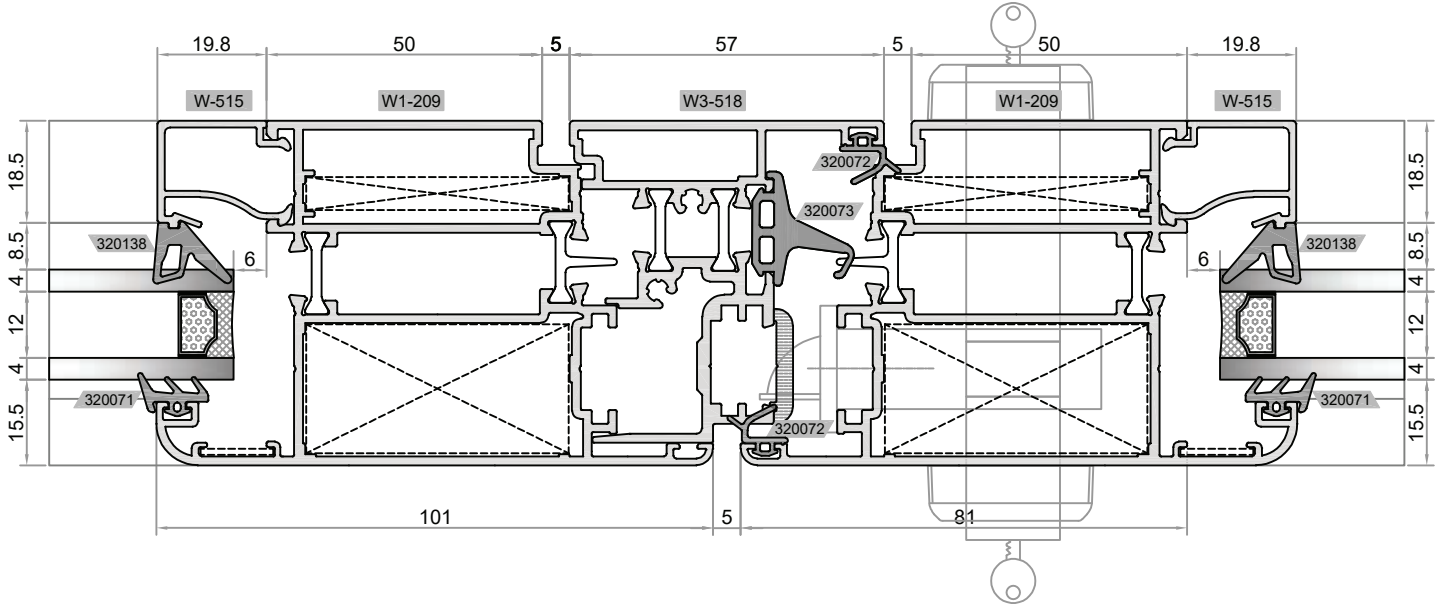
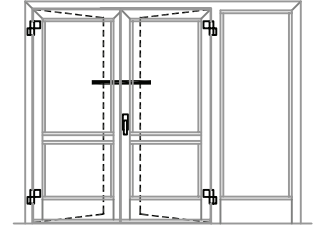


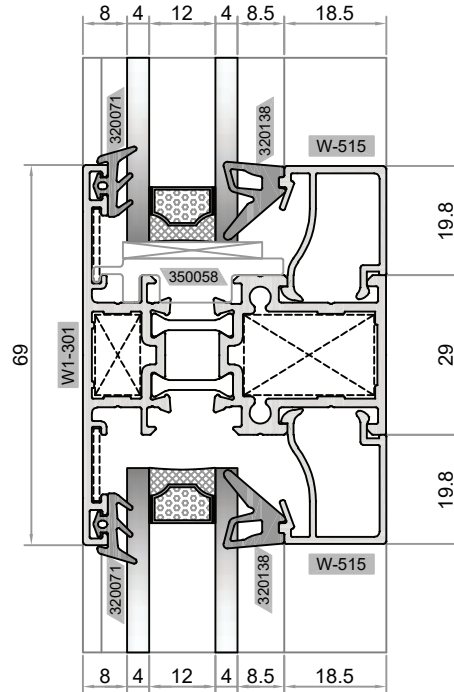
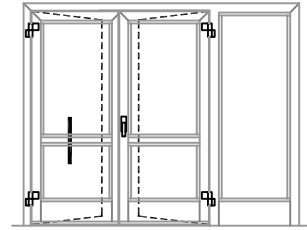
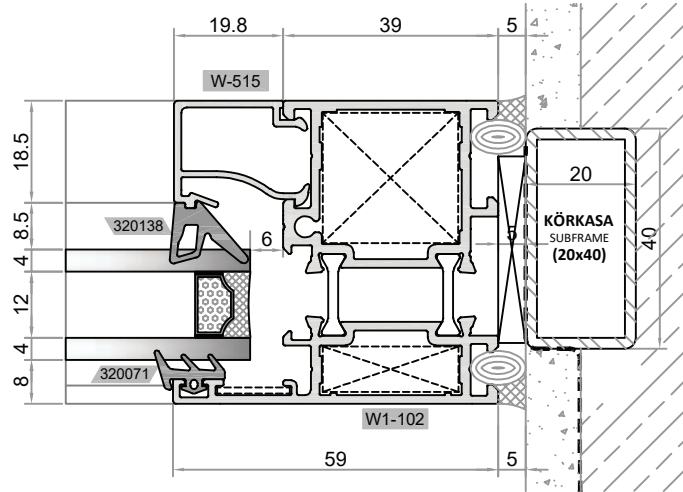
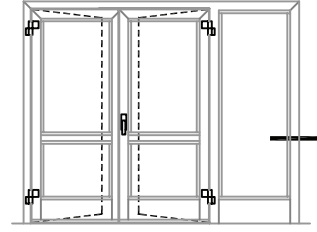


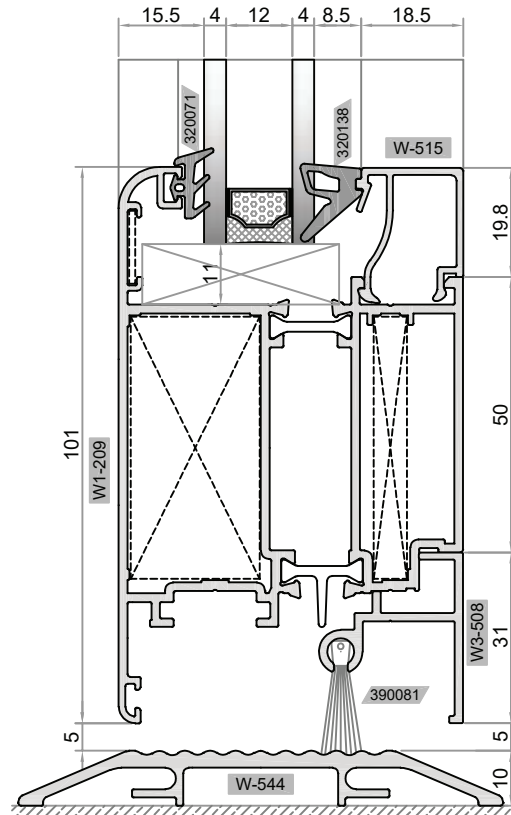
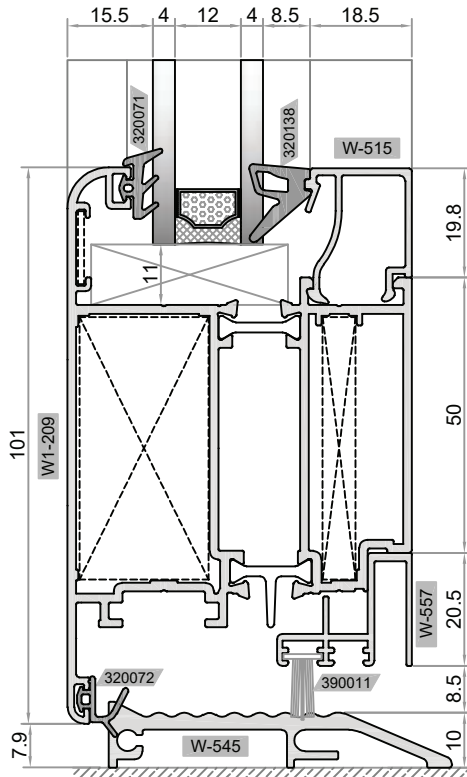
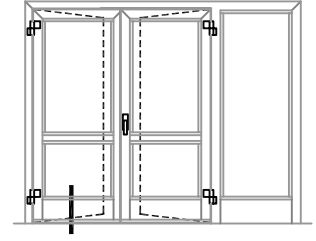
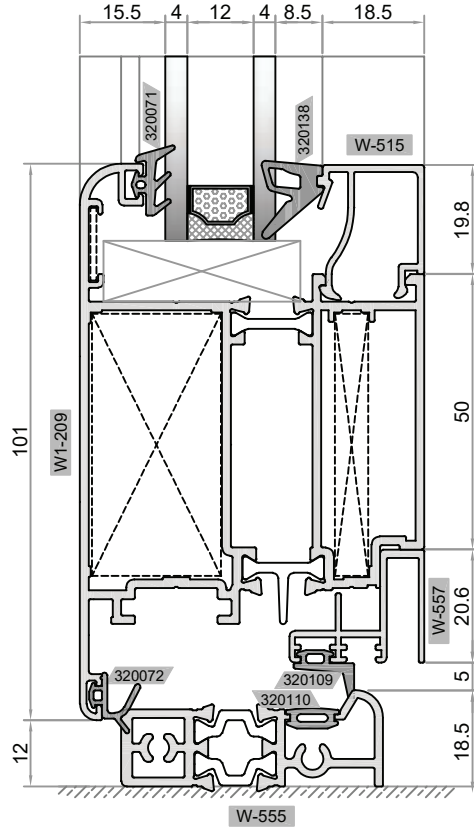


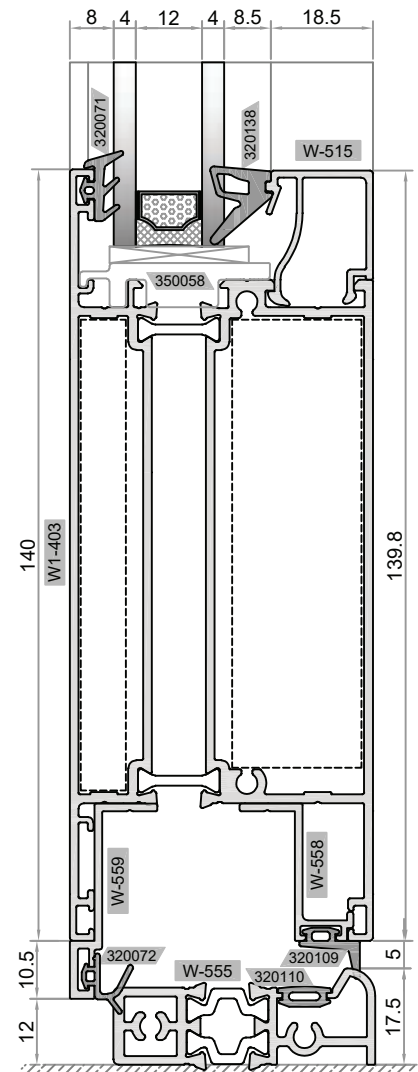
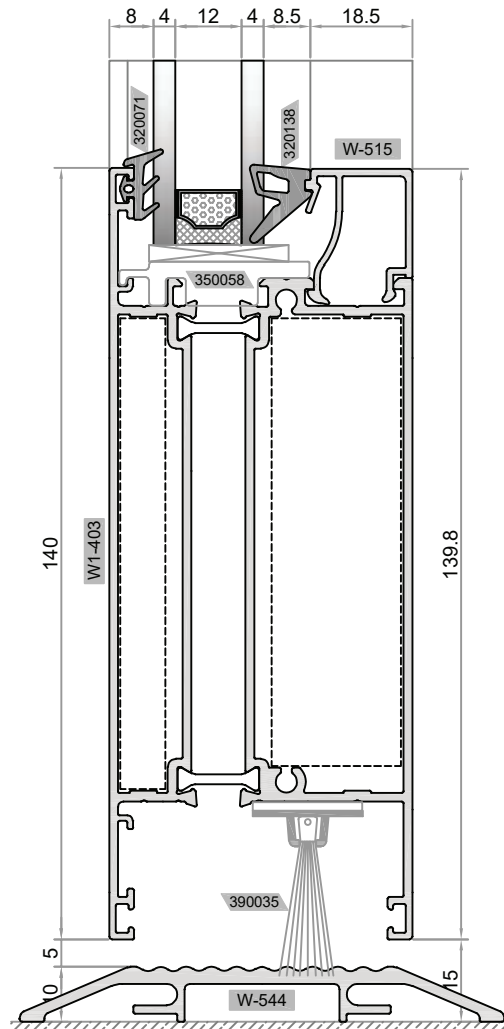
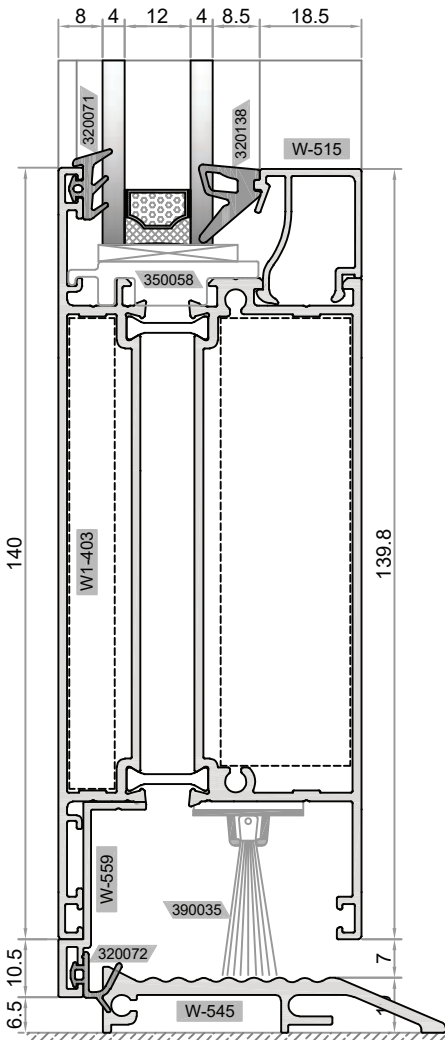
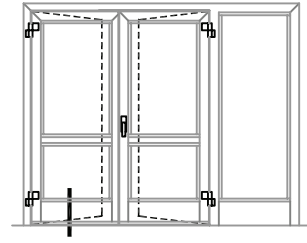


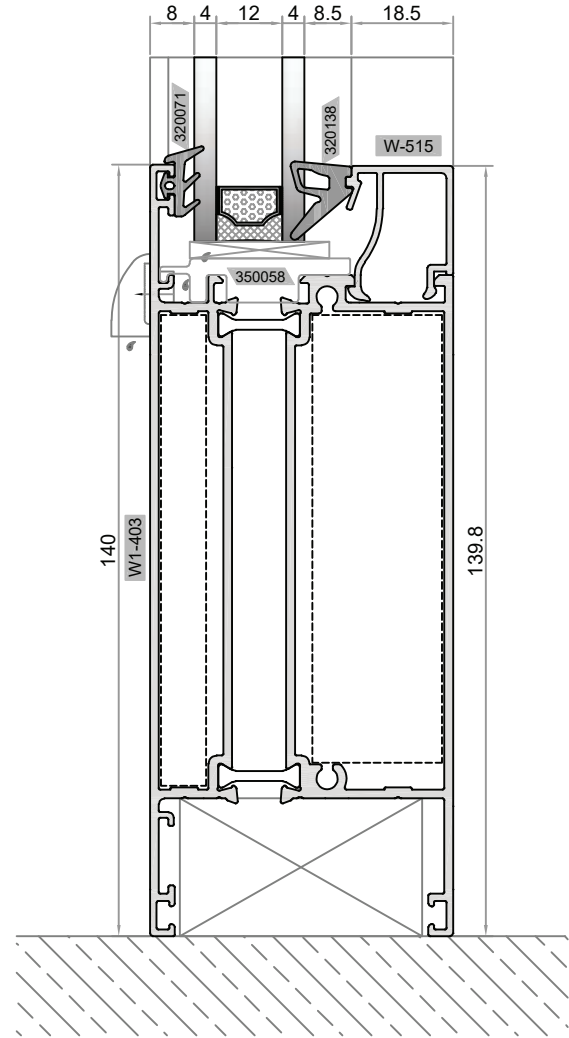
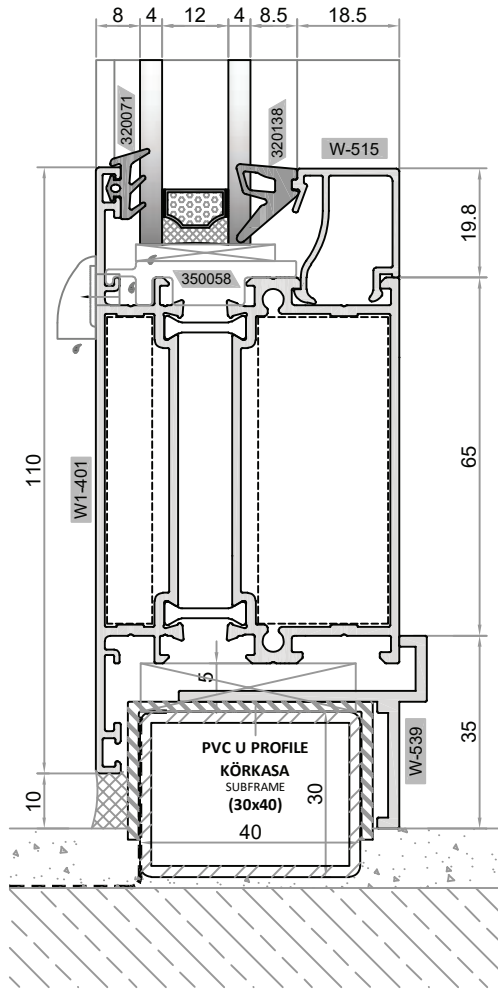
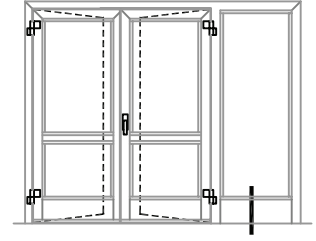


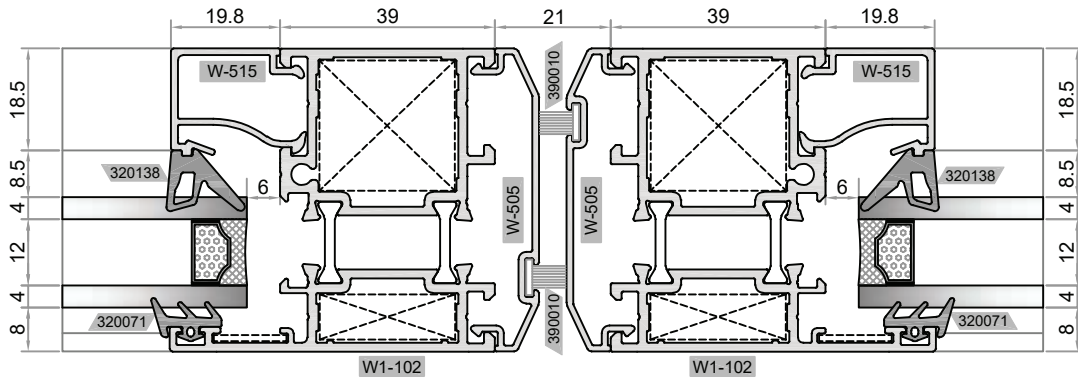
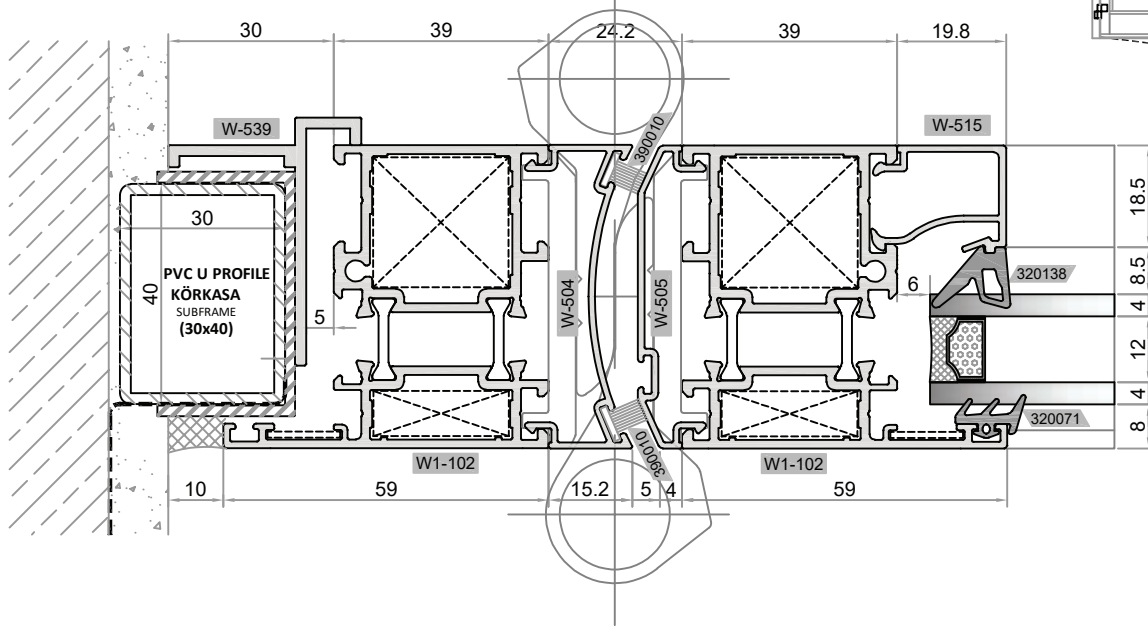


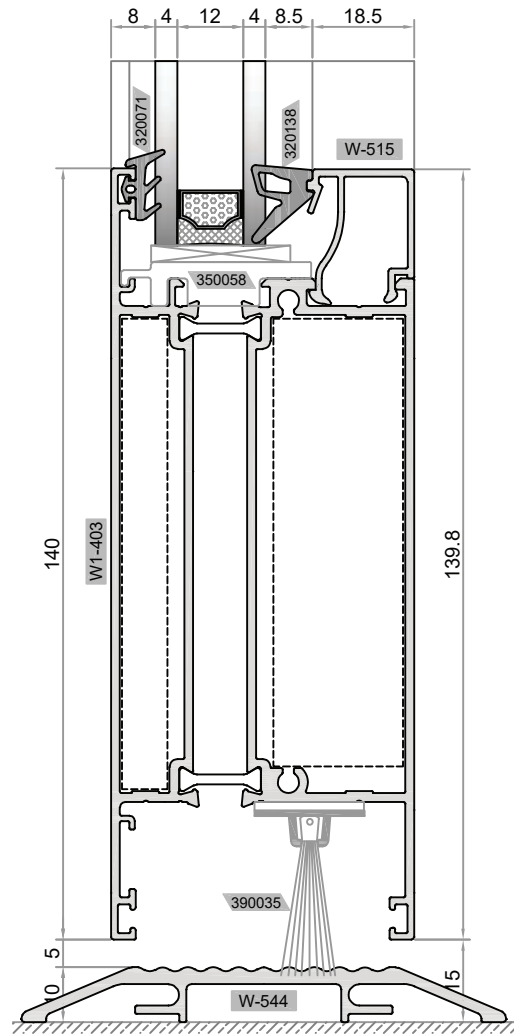
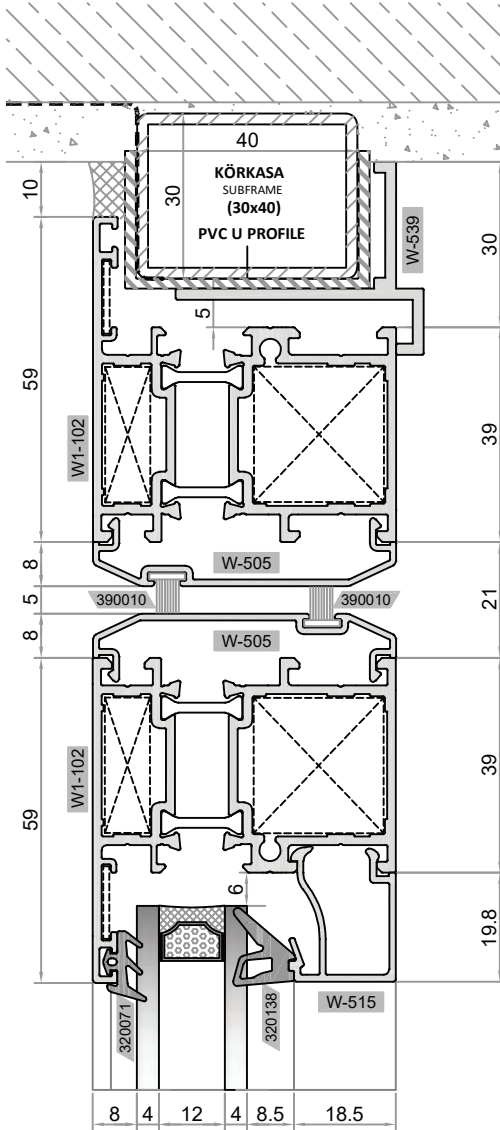
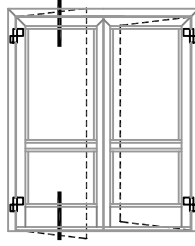






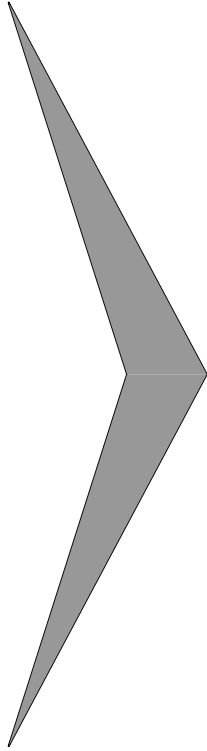




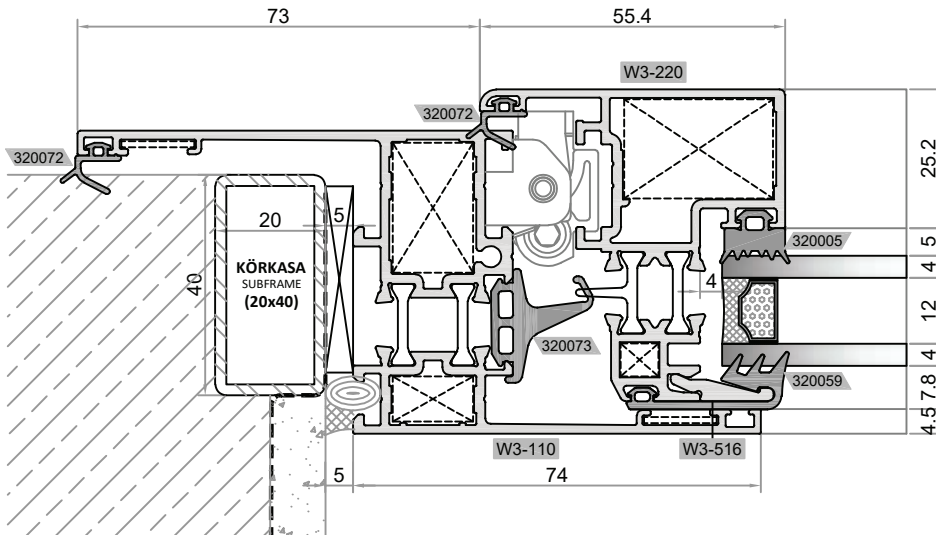
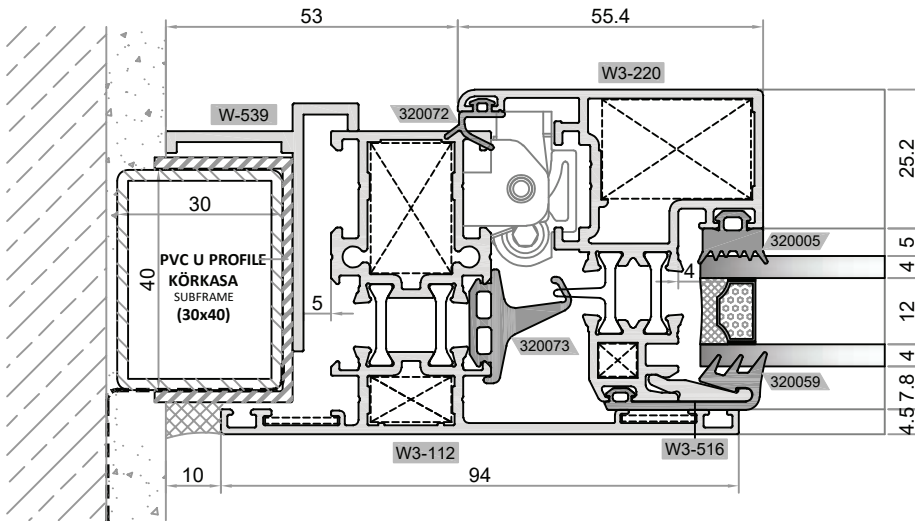
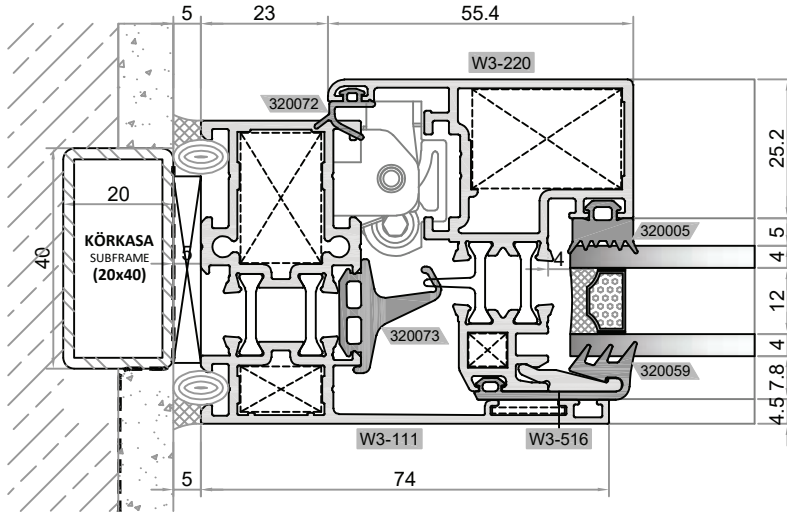
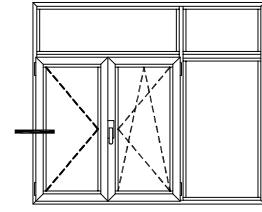


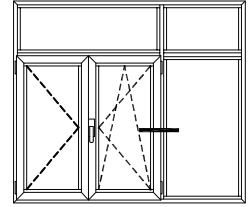
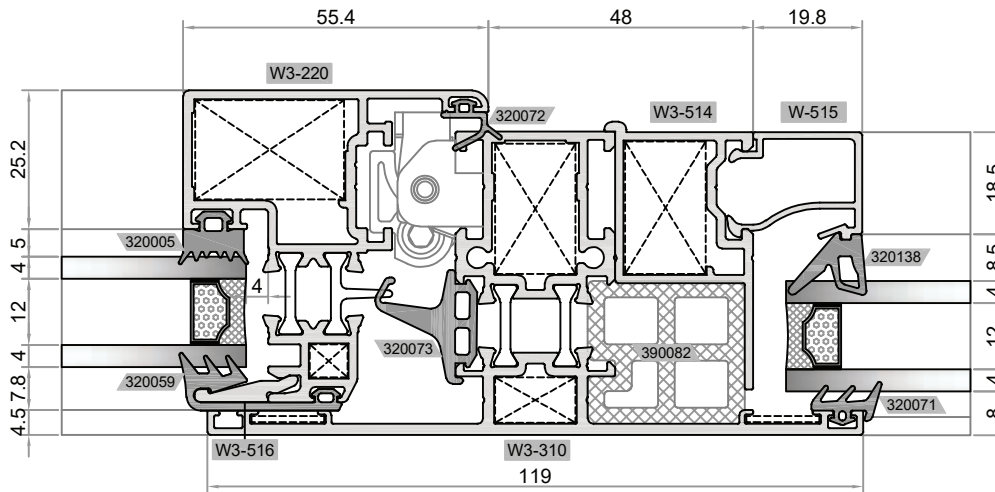
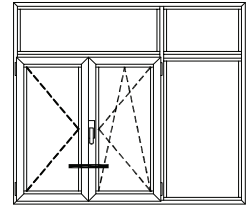
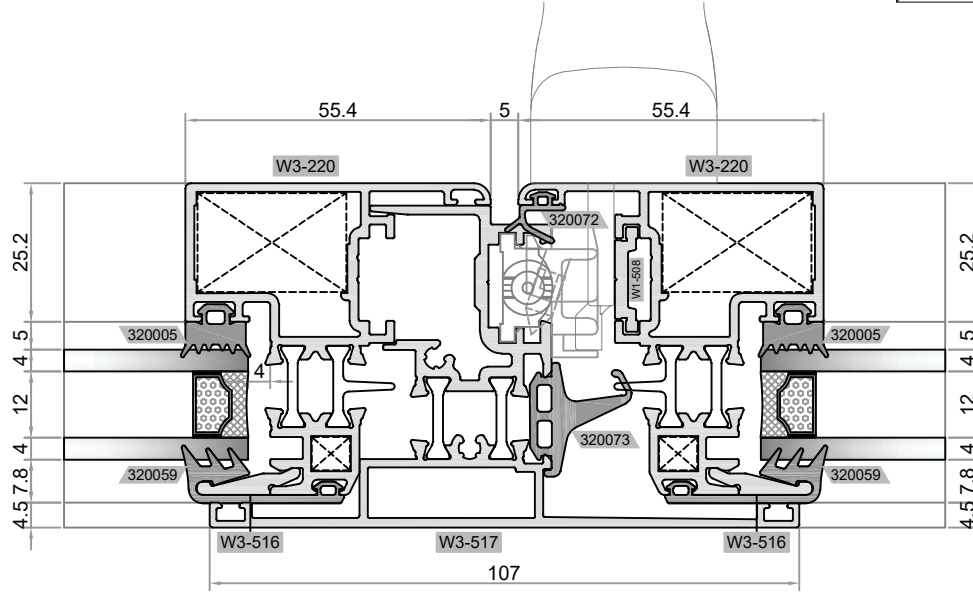
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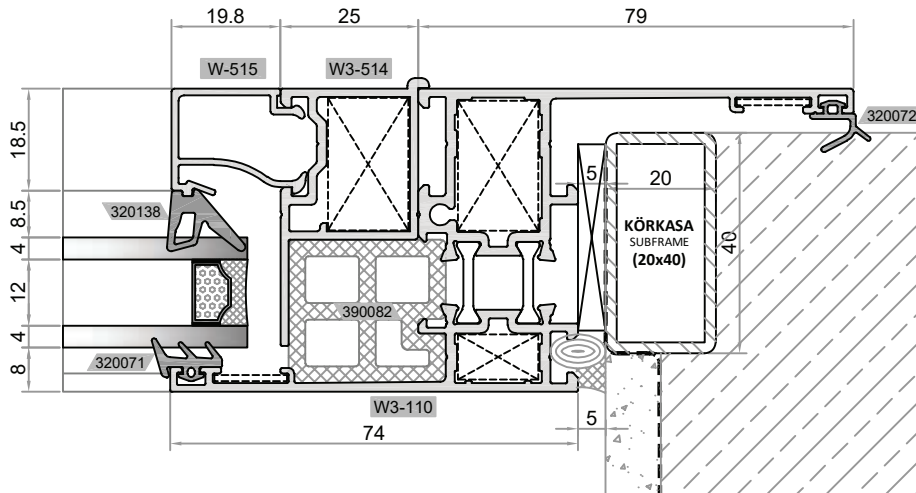
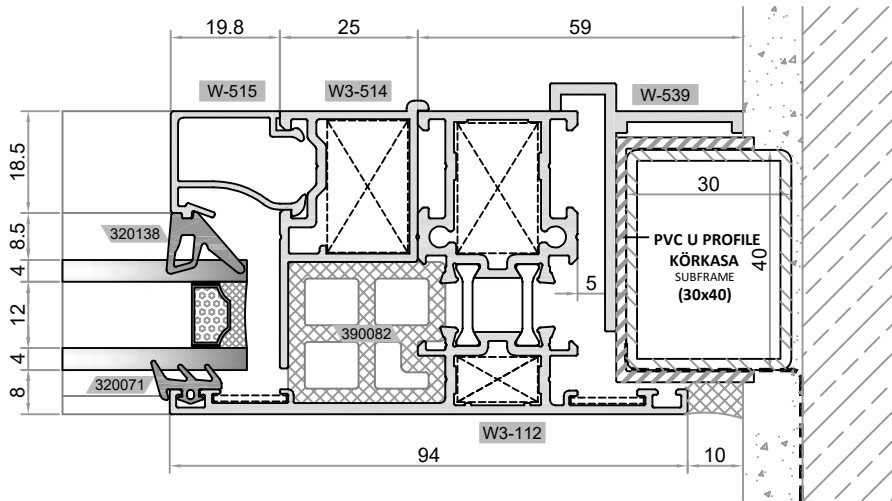
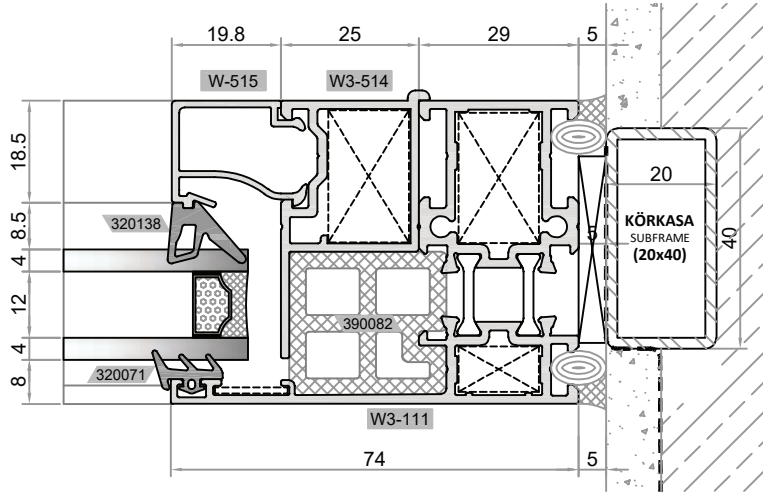
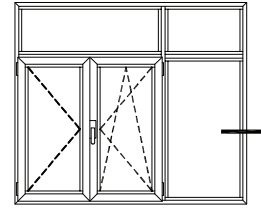
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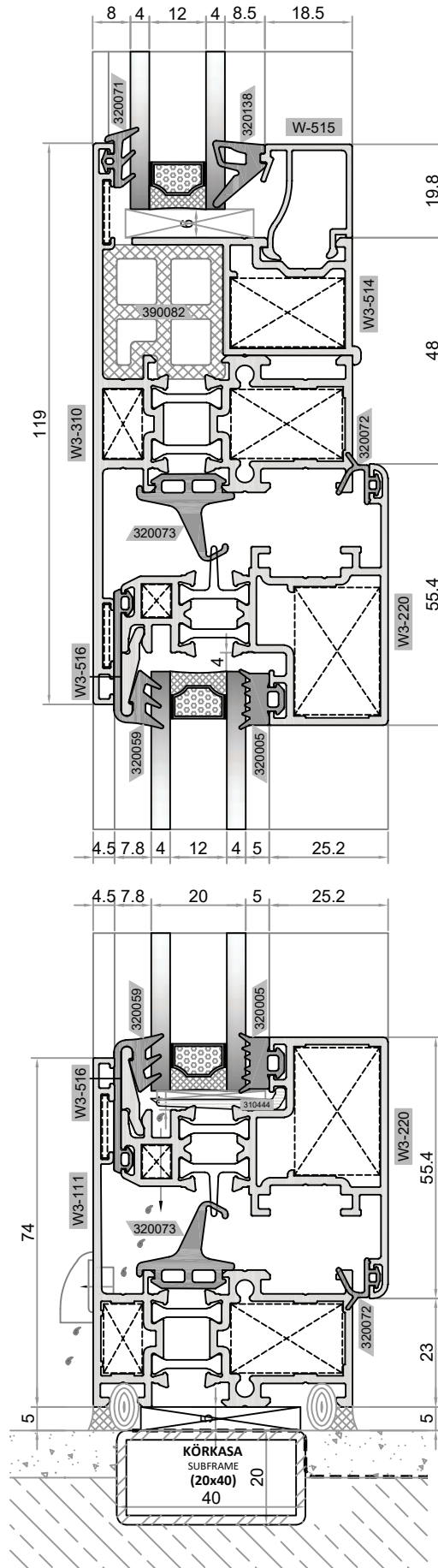
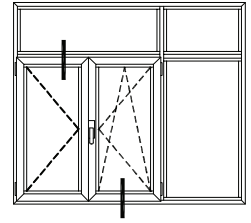


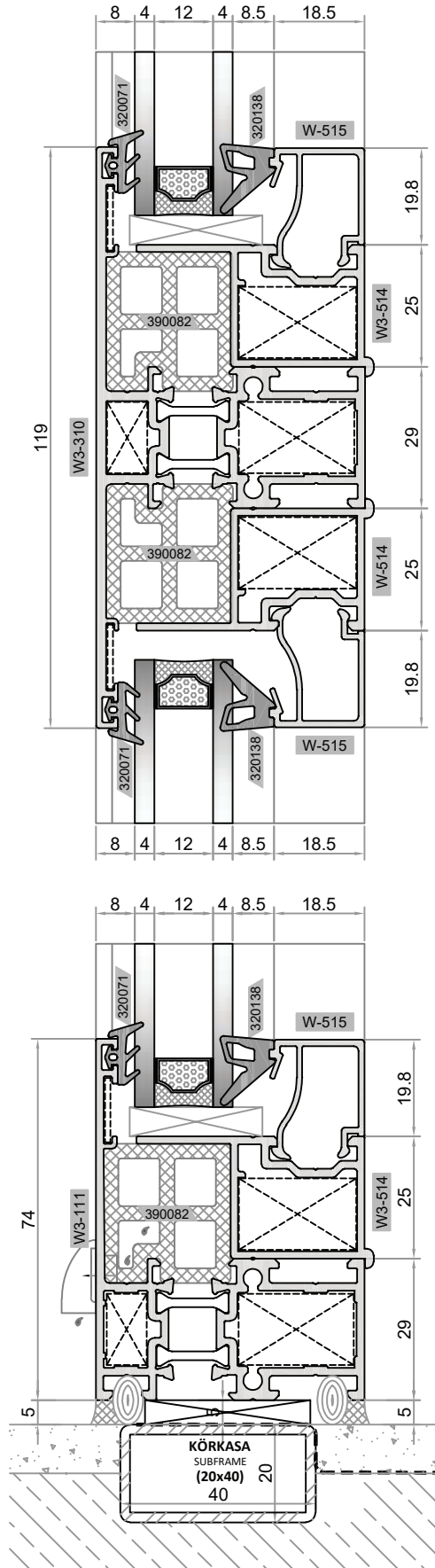
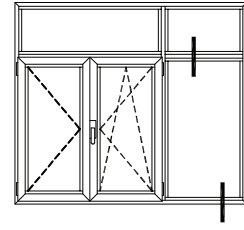
► SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.
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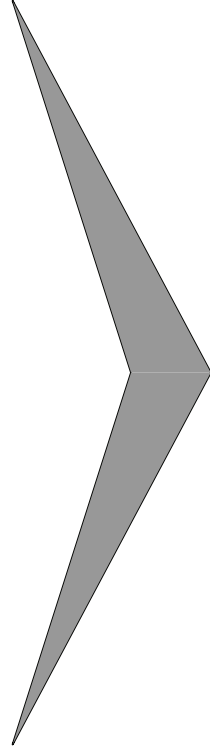




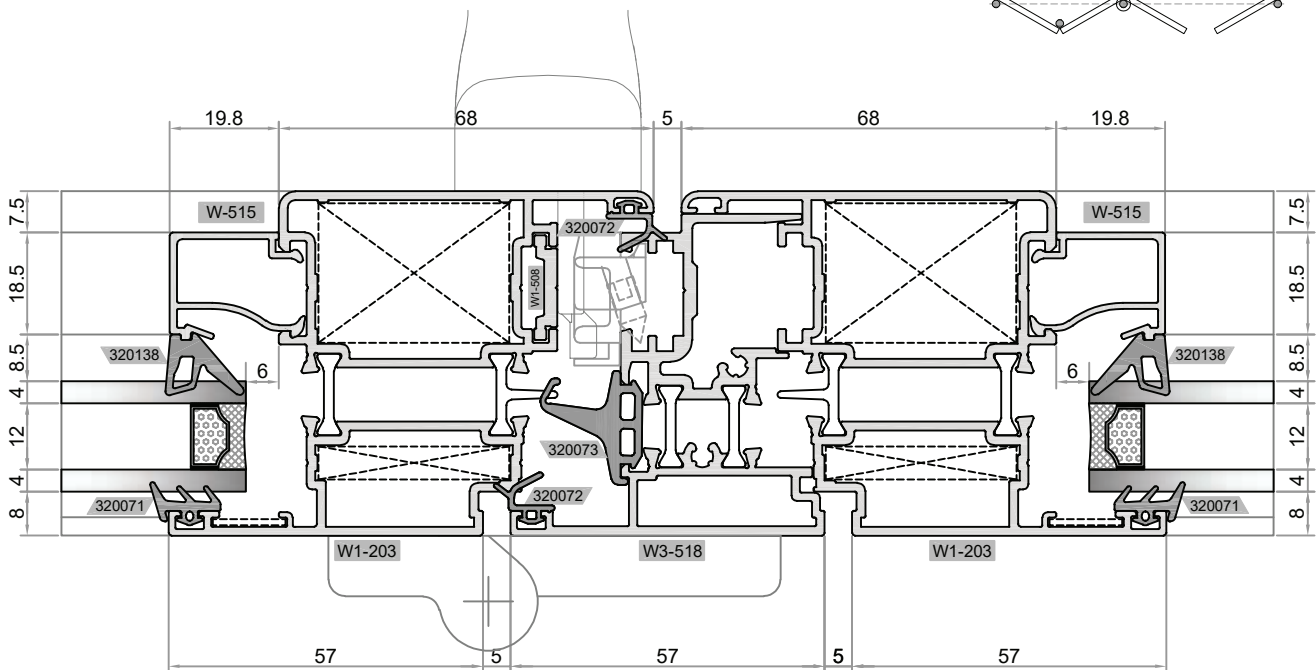
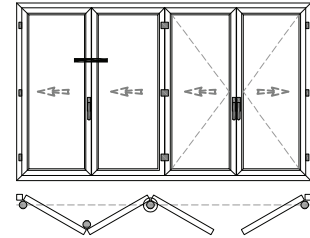
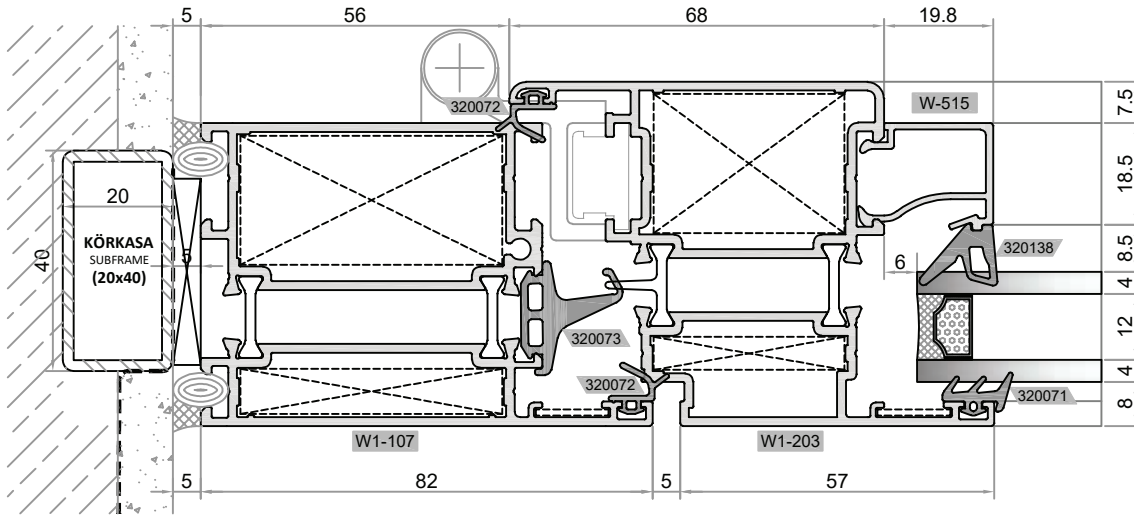
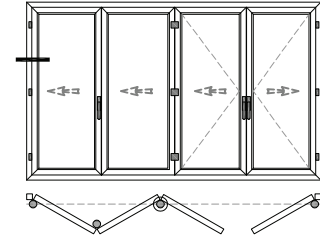


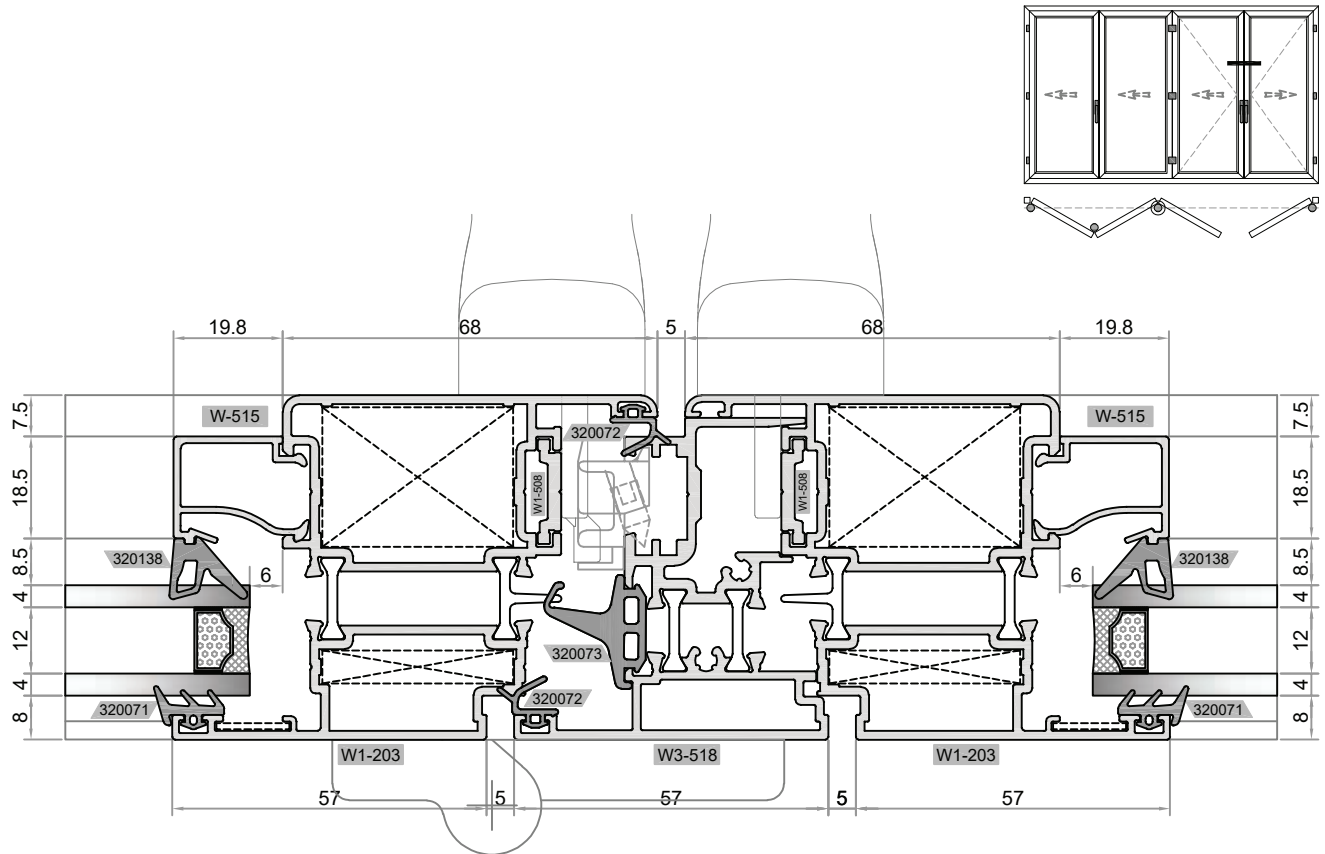
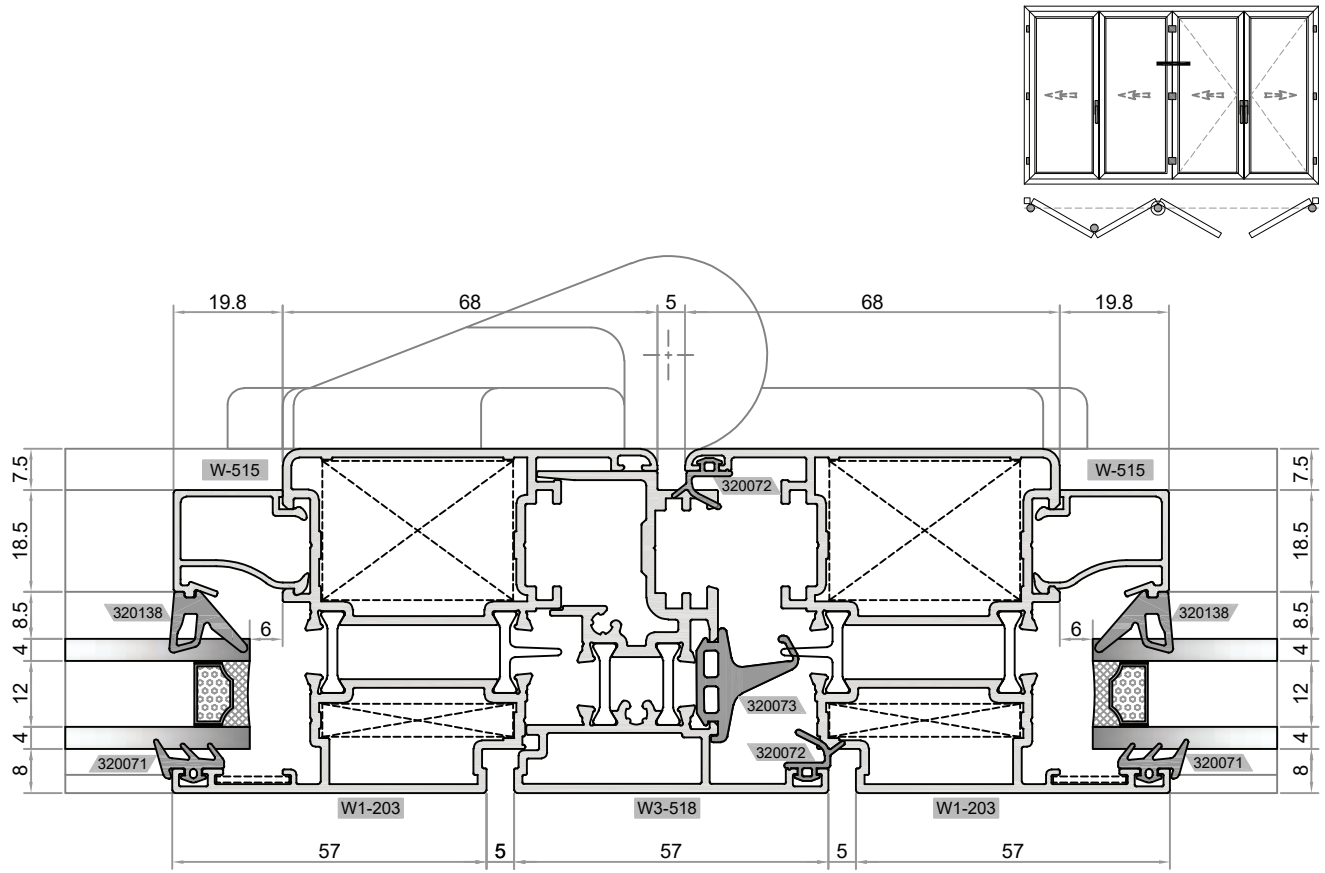
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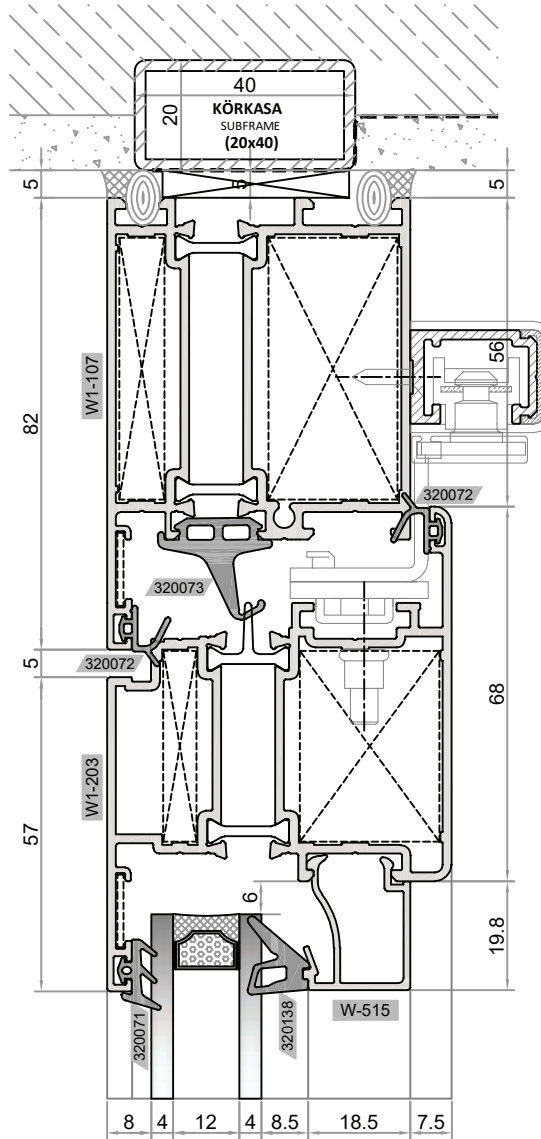
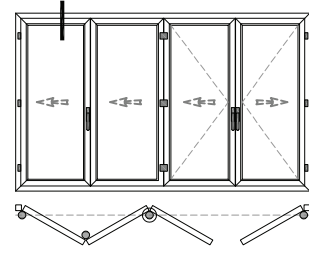
FOLDING DOOR DETAILS

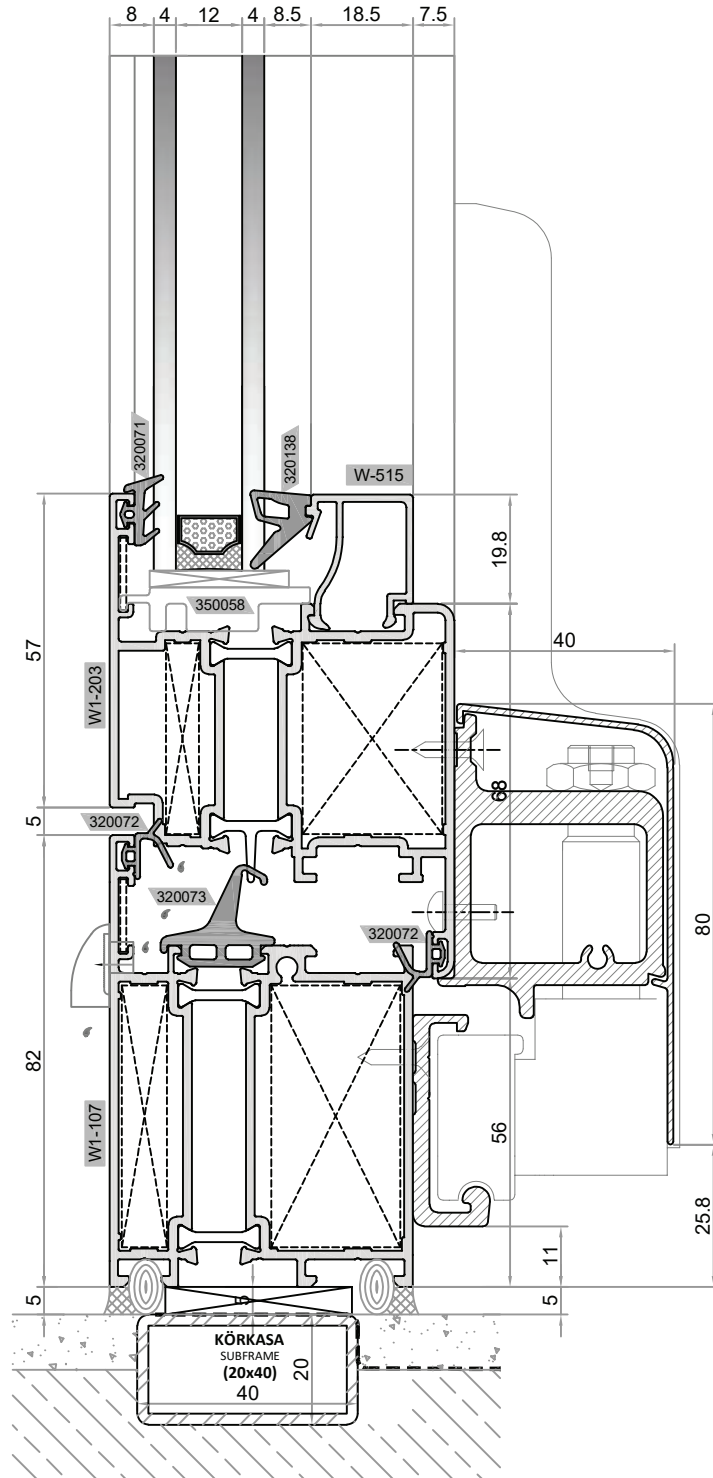
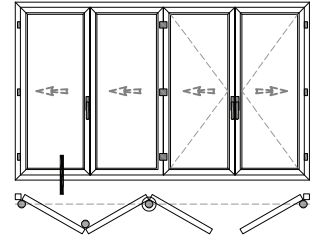


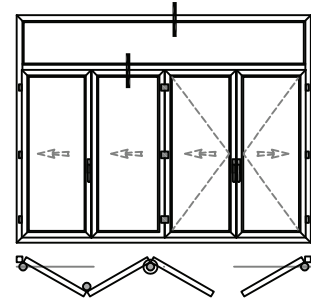
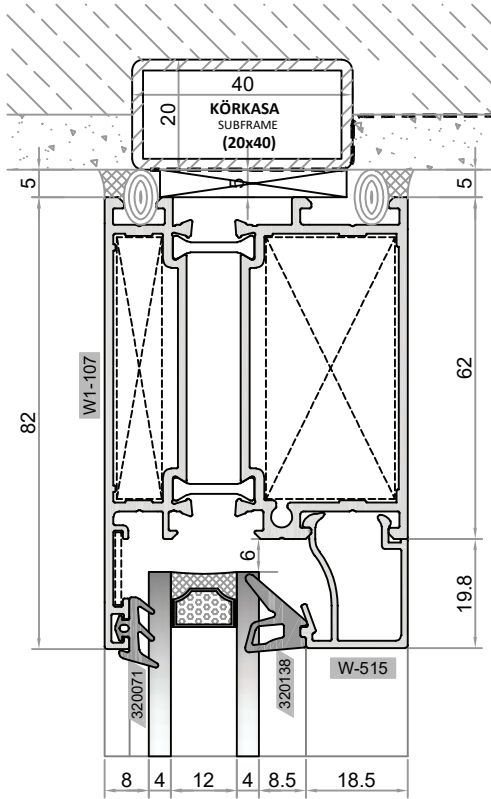
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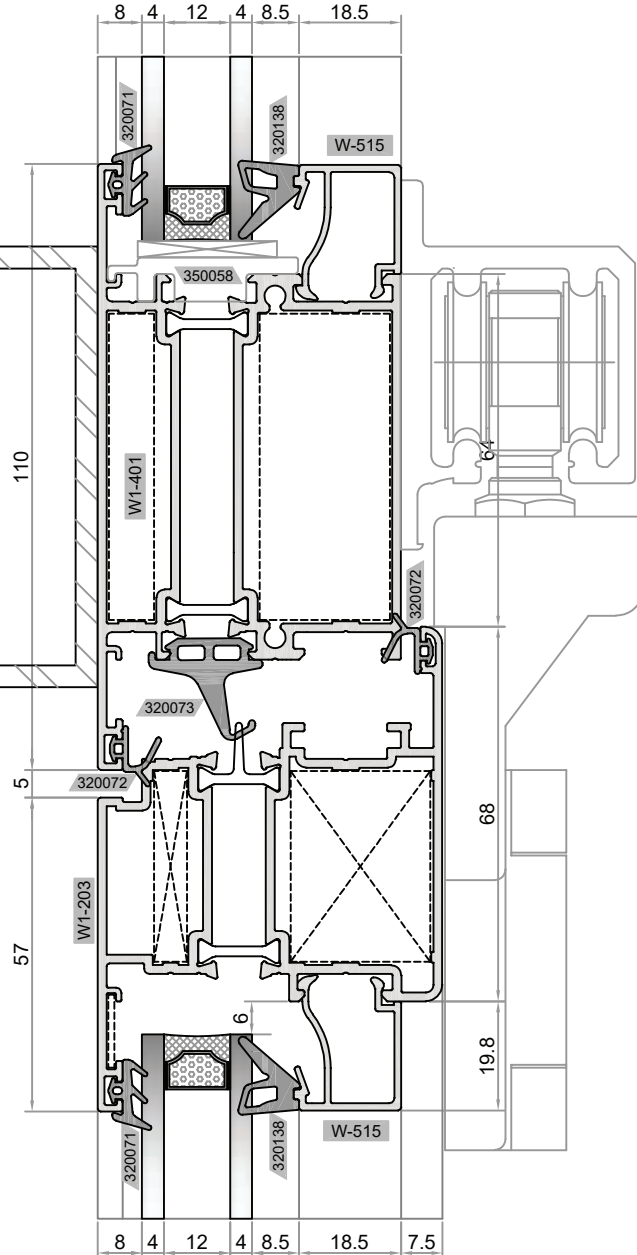


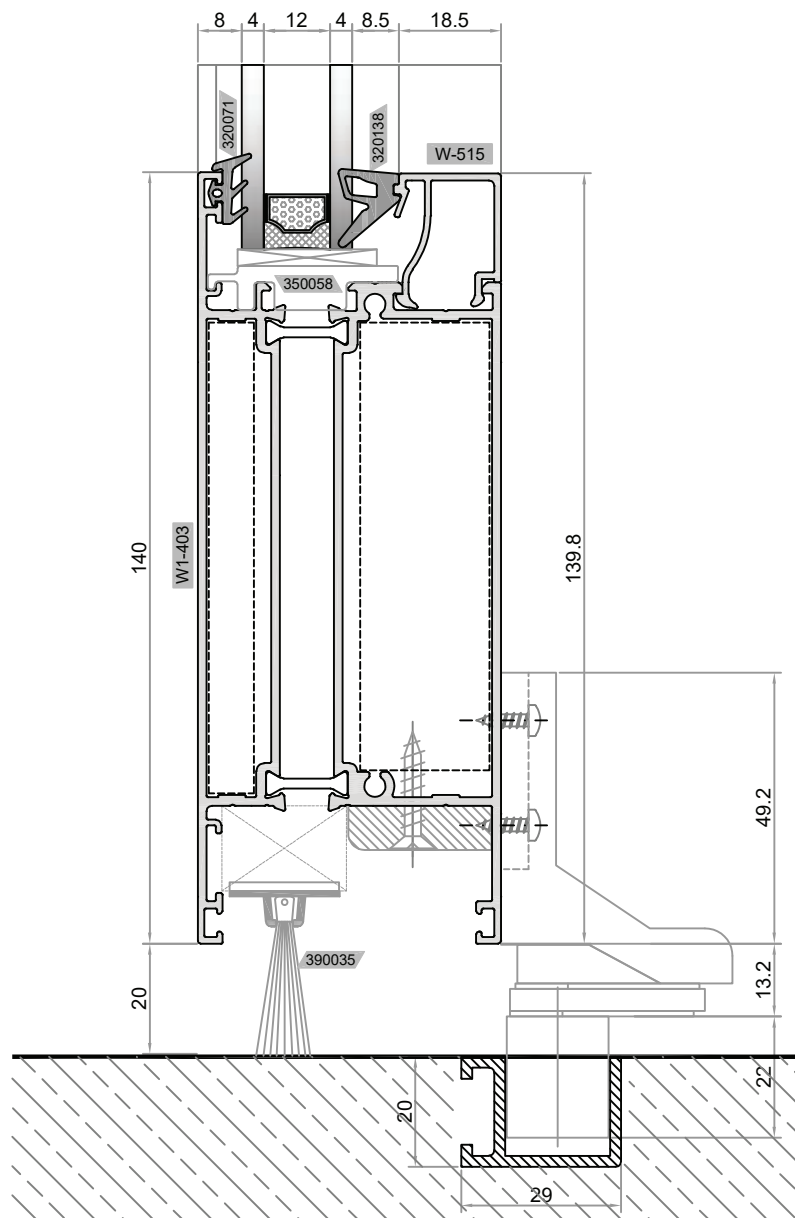
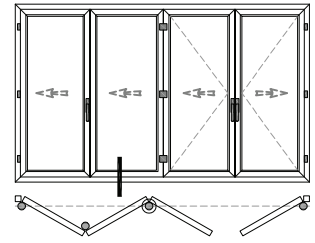






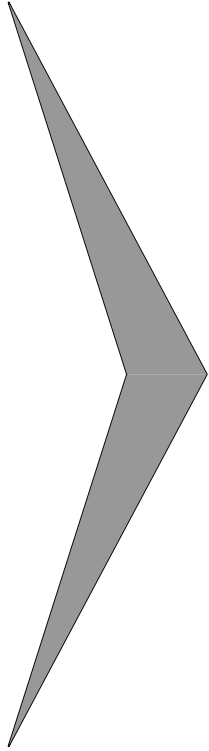
**ÇELİK TAŞIYICIYA
BAĞLAMAK
GEREKEBİLİR.
SHOULD BE
CONNECTED TO
THE STEEL
REINFORCEMENT**



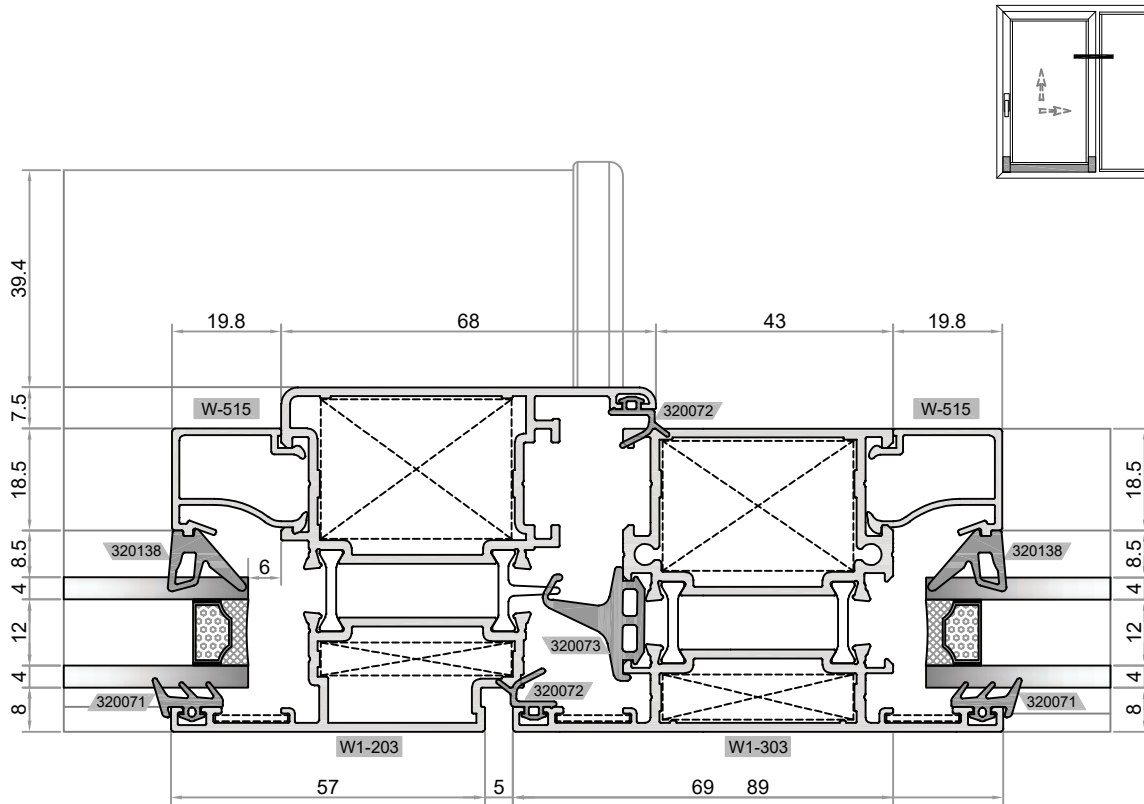
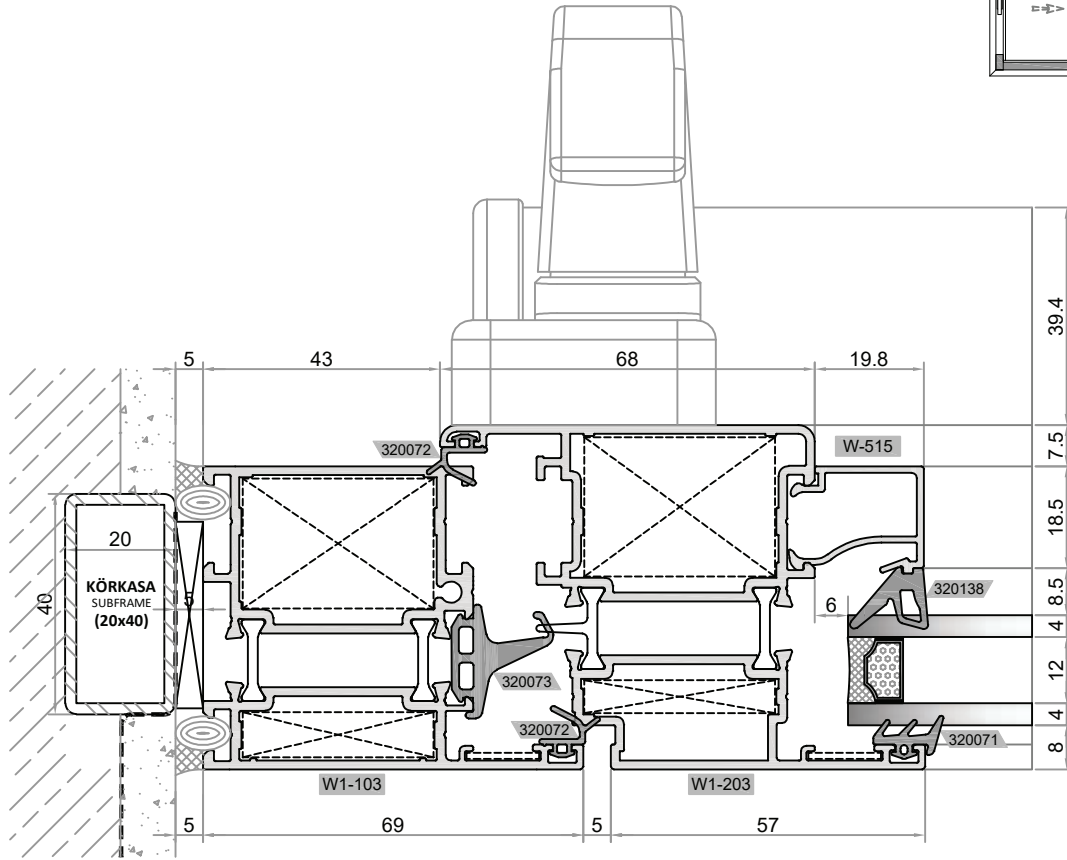


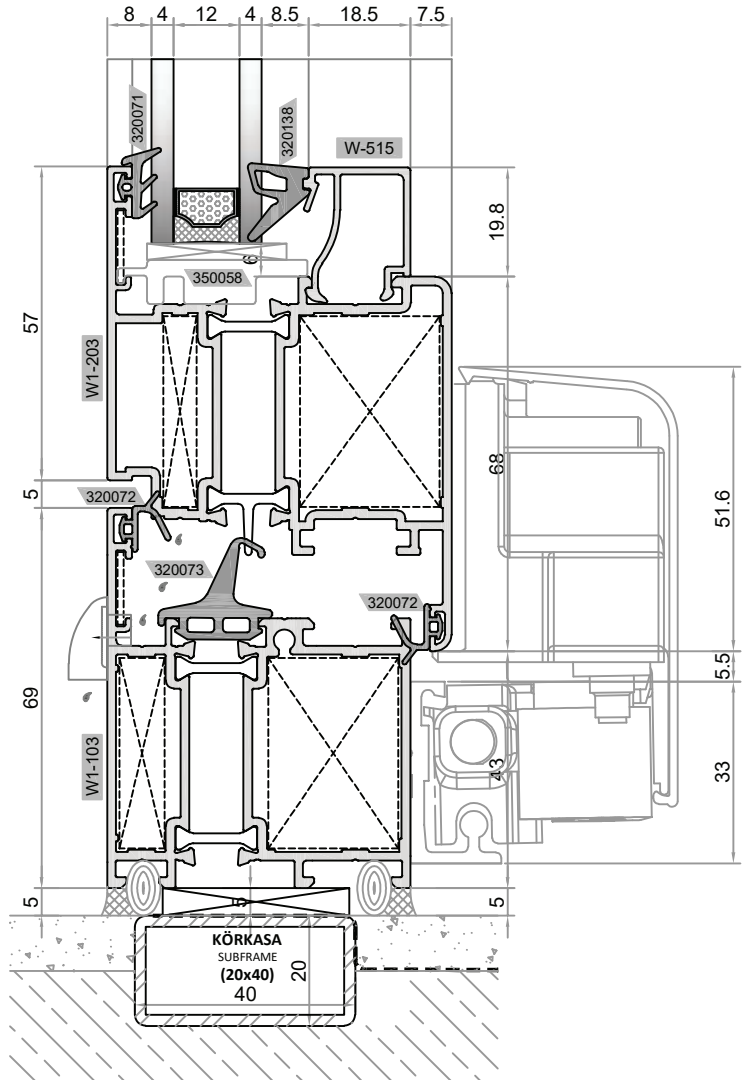
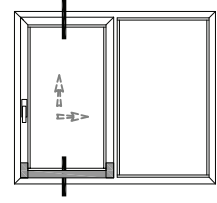
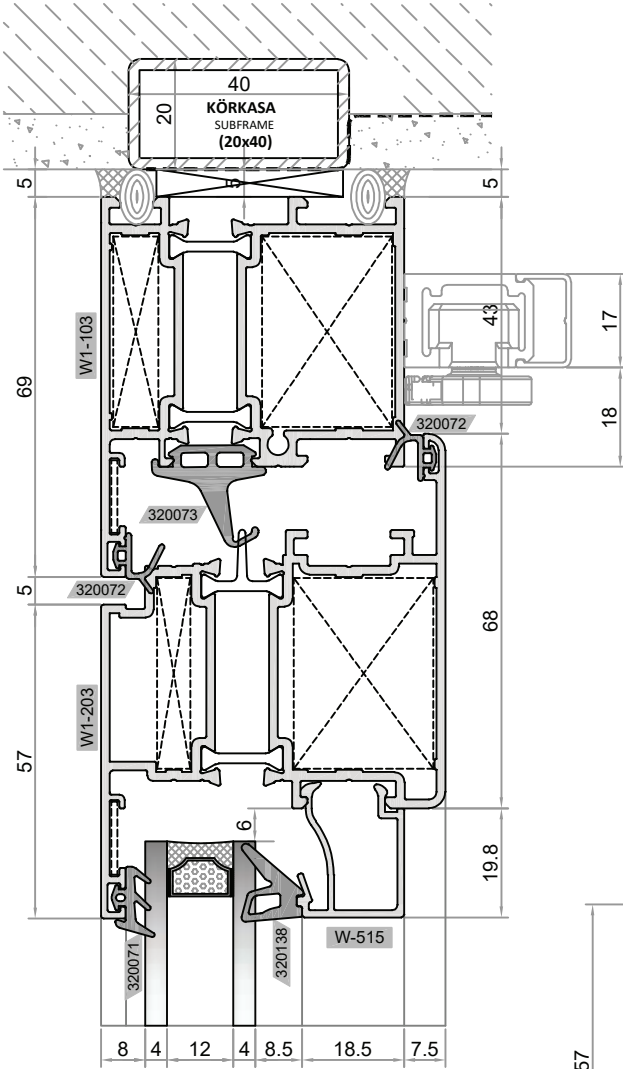
PARALEL SÜRME KAPI DETAYLARI

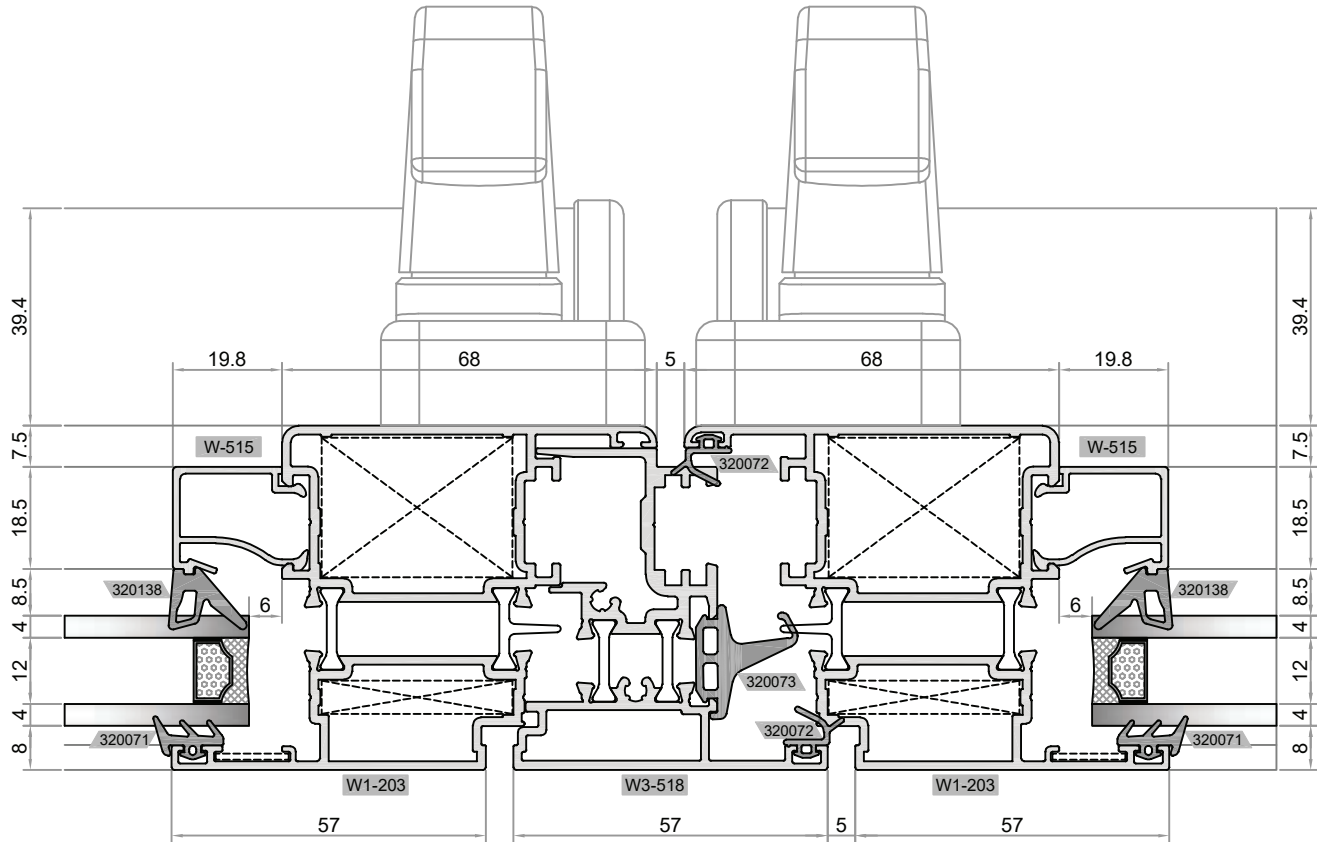
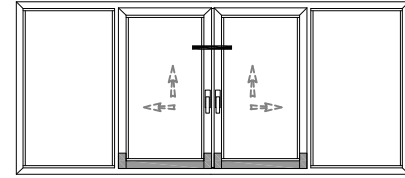
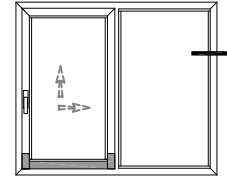
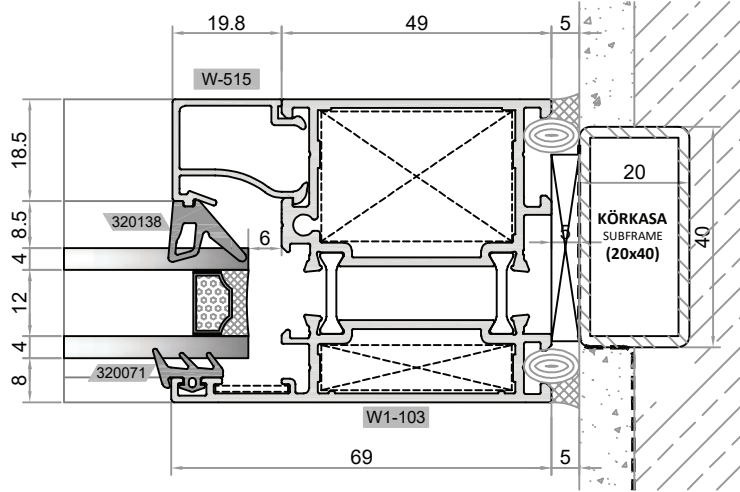
PARALEL SLIDING DOOR DETAILS



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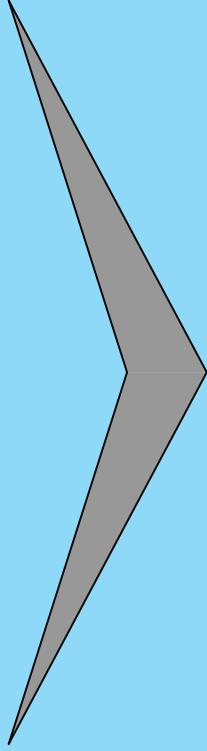






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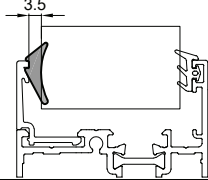
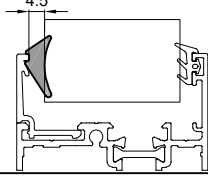
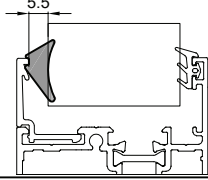
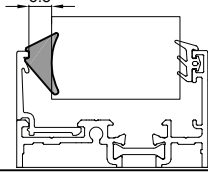
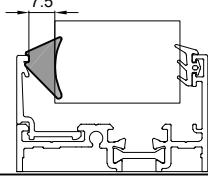
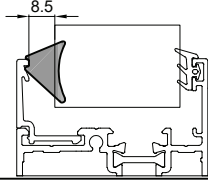
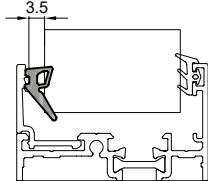
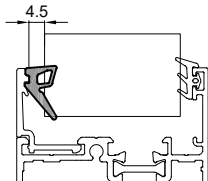
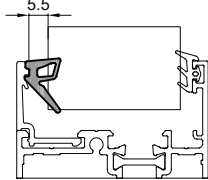
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8. BAĞLANTI PARÇALARI / CONNECTION PIECES
9. AÇILIM MOTORLARI / OPENING MOTORS
10. MONTAJ TALİMATLI AKSESUARLAR / ACCESSORIES WITH FABRICATION MANUAL

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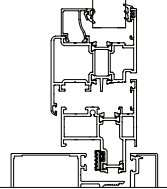
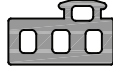
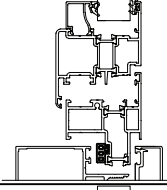
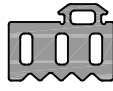
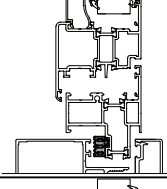
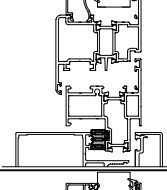
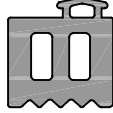
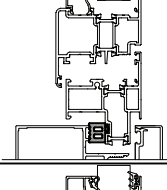
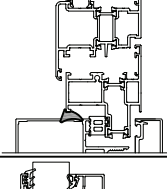
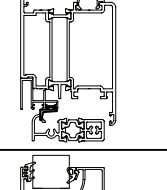
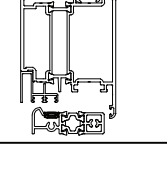
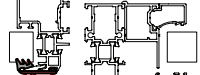
EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
320128 KAMA İÇ CAM FİTİLİ 3,5 mm / INNER GLAZING GASKET 3,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 70 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 213 m		
320129 KAMA İÇ CAM FİTİLİ 4,5 mm / INNER GLAZING GASKET 4,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 84 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 178 m		
320130 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		
320131 KAMA İÇ CAM FİTİLİ 6,5 mm / INNER GLAZING GASKET 6,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 111 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 135 m		
320132 KAMA İÇ CAM FİTİLİ 7,5 mm / INNER GLAZING GASKET 7,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 125 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 120 m		
320133 KAMA İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING GASKET 8,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 139 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 108 m		
320134 HEMYÜZ İÇ CAM FİTİLİ 3,5 mm / INNER GLAZING HIDDEN GASKET 3,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 57 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 265 m		
320135 HEMYÜZ İÇ CAM FİTİLİ 4,5 mm / INNER GLAZING HIDDEN GASKET 4,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 61 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 247 m		
320136 HEMYÜZ İÇ CAM FİTİLİ 5,5 mm / INNER GLAZING HIDDEN GASKET 5,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 64 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 233 m		

EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	çizim / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
320137 HEMYÜZ İÇ CAM FİTİLİ 6,5 mm / INNER GLAZING HIDDEN GASKET 6,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 77 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 194 m		
320138 HEMYÜZ İÇ CAM FİTİLİ 7,5 mm / INNER GLAZING HIDDEN GASKET 7,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 88 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 171 m		
320139 HEMYÜZ İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING HIDDEN GASKET 8,5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 100 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 150 m		
320071 DIŞ CAM FİTİLİ 8 mm / OUTER GLAZING GASKET 8 mm BİRİM AĞIRLIK / UNIT WEIGHT: 52 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 291 m		
320072 KASA KANAT ÇARPMA İÇ DIŞ FİTİLİ 11.1 mm / STEP GASKET FOR FRAME 11.1 mm BİRİM AĞIRLIK / UNIT WEIGHT: 33 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 452 m		
320073 W55 DOĞRAMA TOZLUK FİTİLİ / CENTRAL STEP GASKET FOR W55 BİRİM AĞIRLIK / UNIT WEIGHT: 163 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 92 m		
330038 W55 DOĞRAMA TOZLUK FİTİL VULKANİZE KÖŞE / W55 VULCANISED CORNER FOR THE CENTRAL GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 15 gr/ad - gr/pcs KOLİ MİKTARI / PACKAGE QUANTITY: 50 ad-pcs		
320120 KAPI ETEK FİTİLİ 4,6X22,3 / SILL GASKET FOR DOORS BİRİM AĞIRLIK / UNIT WEIGHT: 58 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 259 m		
320121 PROFİL ARA FİTİL 12,4X6 MM / DILATATION GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 82 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 182 m		

EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
320122 KASA DESTEK FİTİLİ 3,6 mm / SUPPORT GASKET FOR FRAME 3.6 mm BİRİM AĞIRLIK / UNIT WEIGHT: 65 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 232 m		
320123 KASA DESTEK FİTİLİ 6 mm / SUPPORT GASKET FOR FRAME 6 mm BİRİM AĞIRLIK / UNIT WEIGHT: 91 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 164 m		
320124 KASA DESTEK FİTİLİ 7,6 mm / SUPPORT GASKET FOR FRAME 7.6 mm BİRİM AĞIRLIK / UNIT WEIGHT: 111 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 135 m		
320125 KASA DESTEK FİTİLİ 9,6 mm / SUPPORT GASKET FOR FRAME 9.6 mm BİRİM AĞIRLIK / UNIT WEIGHT: 134 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 112 m		
320126 KASA DESTEK FİTİLİ 11,6 mm / SUPPORT GASKET FOR FRAME 11.6 mm BİRİM AĞIRLIK / UNIT WEIGHT: 167 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 90 m		
320076 KASA DESTEK FİTİLİ / GLAZING SUPPORT GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 96 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 156 m		
320109 KANAT ALTI ADAPTÖR FİTİLİ / ADAPTER GASKET FOR THE SASH BOTTOM BİRİM AĞIRLIK / UNIT WEIGHT: 40 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 372 m		
320110 KAPI EŞİK KAPATMA FİTİLİ / COVER GASKET FOR DOOR SILL BİRİM AĞIRLIK / UNIT WEIGHT: 31 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 489 m		
320059 GİZLİ KANAT DIŞ CAM FİTİLİ / OUTER GLAZING GASKET FOR HIDDEN VENT BİRİM AĞIRLIK / UNIT WEIGHT: 119 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 126 m		

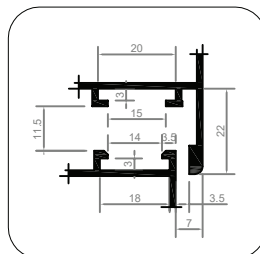
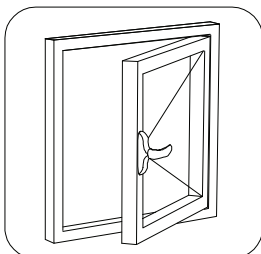
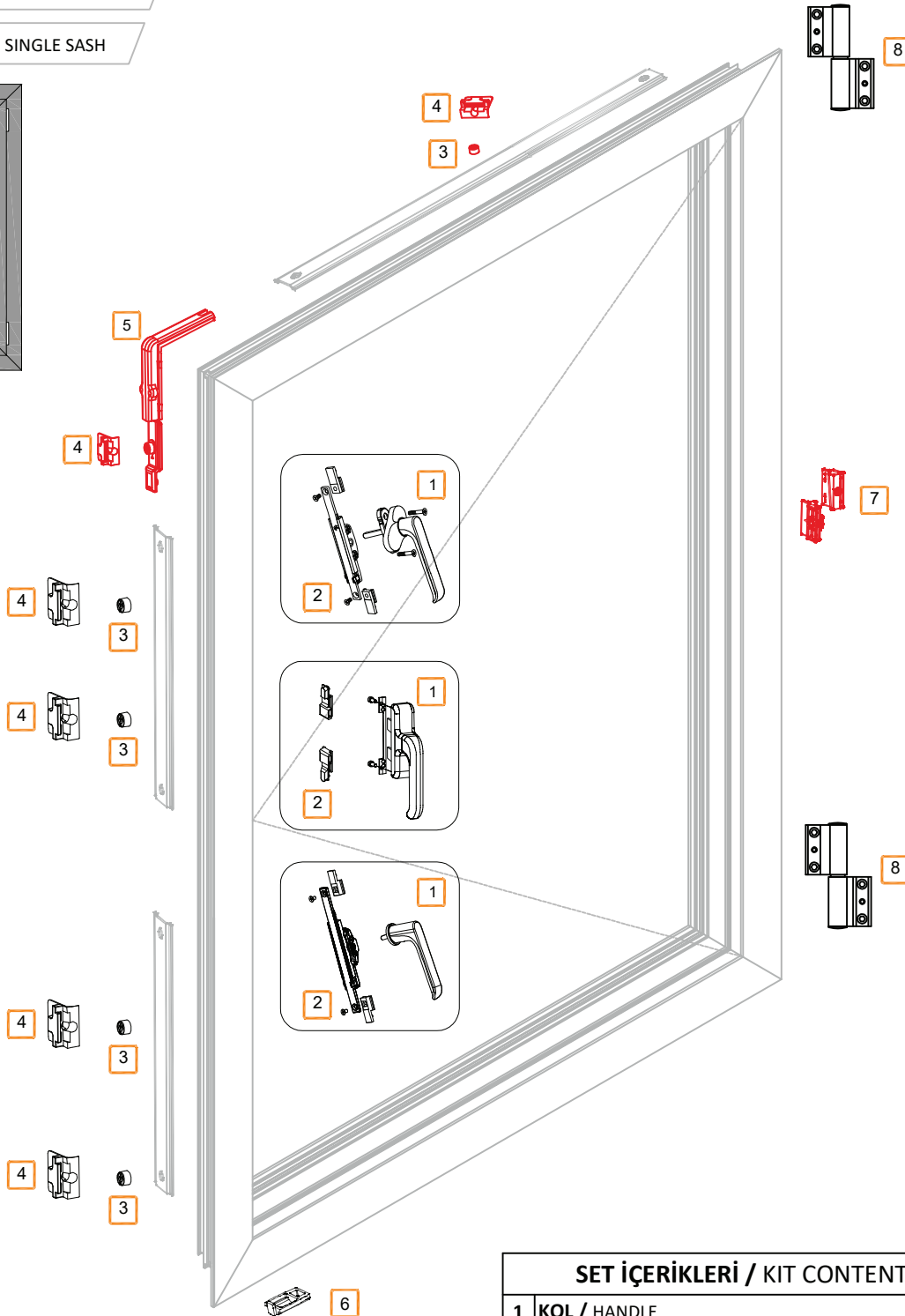
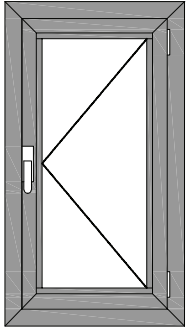
EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	çizim / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
320060 <i>GİZLİ KANAT SABİT DIŞ CAM FİTİLİ / FIXED OUTER GLAZING GASKET FOR HIDDEN VENT</i> <i>BİRİM AĞIRLIK / UNIT WEIGHT: 100 gr/m</i> <i>KOLİ MİKTARI / PACKAGE QUANTITY: 149 m</i>		
320003 <i>İÇ BİNi FİTİLİ 3 mm / INNER STEP GASKET 3 mm</i> <i>BİRİM AĞIRLIK / UNIT WEIGHT: 52 gr/m</i> <i>KOLİ MİKTARI / PACKAGE QUANTITY: 288 m</i>		
320004 <i>İÇ BİNi FİTİLİ 4 mm / INNER STEP GASKET 4 mm</i> <i>BİRİM AĞIRLIK / UNIT WEIGHT: 68 gr/m</i> <i>KOLİ MİKTARI / PACKAGE QUANTITY: 221 m</i>		
320005 <i>İÇ BİNi FİTİLİ 5 mm / INNER STEP GASKET 5 mm</i> <i>BİRİM AĞIRLIK / UNIT WEIGHT: 82 gr/m</i> <i>KOLİ MİKTARI / PACKAGE QUANTITY: 183 m</i>		

EURO

EURO KANAL / EURO GROOVE

TEK KANAT / SINGLE SASH



SET İÇERİKLERİ / KIT CONTENTS

1	KOL / HANDLE
2	KOL BAĞLANTILARI / HANDLE CONNECTIONS
3	PİM / PIN
4	KARŞILIK / STRIKER
5	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE
6	KANAT SARKMA TAKOZU / CHOCK FOR VENTS
7	GİZLİ BASKI / HIDDEN STRIKER
8	MENTEŞE / HINGE

TEK AÇILIM AKSESUARLARI / SIDE HUNG OPENING ACC.

EURO

TEK AÇILIM SETLERİ (EURO KANAL & TEK KANAT)
KITS FOR SIDE HUNG (EURO GROOVE & SINGLE SASH)

	SET İÇERİKLERİ / KIT CONTENTS	İTHAL / IMPORTED	YERLİ / NATIVE	480026 (380026)	480027 (380027)	480028 (380028)	480029 (380029)
				W<1000 H<1400	W<1000 H>1400	W>1000 H<1400	W>1000 H>1400
				PARÇA ADETLERİ / PIECE QUANTITIES			
1	TEK MAÇALI KOL / ONE-WAY CREMONE HANDLE	470070	370070	1	1	1	1
	TEK MAÇALI ANAHTARLI KOL / ONE-WAY CREMONE HANDLE WITH KEY	470150	370150				
	ÇİFT MAÇALI KOL / TWO-WAY CREMONE HANDLE	470071	370071				
	ÇİFT MAÇALI ANAHTARLI KOL / TWO-WAY CREMONE HANDLE WITH KEY	470098	370098				
	ROZETSİZ KOL (7mm) / HANDLE WITHOUT COVERPLATE (7mm)	470185	370185				
	KARE MAÇALI PENCERE KOLU / HANDLE WITH SQUARE ROD	470187	370187				
	KARE MAÇALI ANAHTARLI KOL / SQUARE ROD HANDLE WITH KEY	470189	370189				
	DIŞA AÇILIM KOL (7mm) / OUTWARD OPENING HANDLE (7mm)	470149	370149				
	ANAHTARLI DIŞA AÇILIM KOL(7mm) / OUTWARD OPEN HANDLE WITH KEY	470216	370216				
2	ÇİFT MAÇALI KOL İÇİN SÜRGÜ SETİ / BOLT KIT FOR TWO-WAY CRE. HAND.	470088	370088	1	1	1	1
	TEK MAÇALI KOL TİJ BAĞLANTI PARÇASI / HAN. CON. PIECE (ONE-WAY)	470205	370205				
	ROZETSİZ KOL İÇ MEK. / INNER MECH. FOR HANDLE WITHOUT C.PLATE	470186	370186				
	ZİT YÖNLÜ İÇ MEKANİZMA / OPPOSITE-WAY INNER MECHANISM	470190	370190				
	TEK YÖNLÜ İÇ MEKANİZMA / ONE-WAY INNER MECHANISM	470188	370188				
	DIŞA AÇILIR ÇİFT YÖNLÜ İÇ MEK. / OUT. OPEN. TWO-WAY IN. MECH.	470148	370148				
3	AYARLI PİM / ADJUSTABLE PIN	470015	370015	2	4	4	8
	SABİT PİM / FIX PIN	470014	370014				
4	AYARLI KARŞILIK / ADJUSTABLE STRIKER	470146	370146	2	4	8	10
	10 AKS SABİT KARŞILIK / FIX STRIKER	470089	370089				
5	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE	470018	370018	0	0	2	2
6	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	460016	360016	1	1	1	1
7	PENCERE GİZLİ BASKI / WINDOW HIDDEN STRIKER	460073	360073	0	2	1	2
8	İKİ YAPRAKLI PENRECE MENTEŞESİ / WINDOW HINGE WITH TWO LEAVES	470099	370099	2	2	2	2
	ÜÇ YAPRAKLI PENRECE MENTEŞESİ / WINDOW HINGE WITH THREE LEAVES	470100	370100				
	TEK AÇILIM KLİPSLİ MENTEŞE SETİ / SIDE HUNG CLIP HINGE KIT	470217	370217				
	GİZLİ MENTEŞE SETİ 90° (SAĞ) / HIDDEN HINGE KIT 90° (RIGHT)	470110	370110				
	GİZLİ MENTEŞE SETİ 90° (SOL) / HIDDEN HINGE KIT 90° (LEFT)	470111	370111				
	GİZLİ MENTEŞE SETİ 180° (SAĞ) / HIDDEN HINGE KIT 180° (RIGHT)	470200	370200				
	GİZLİ MENTEŞE SETİ 180° (SOL) / HIDDEN HINGE KIT 180° (LEFT)	470199	370199				
	KÜÇÜK MAKAS 12" (18 mm) / SMALL FRICTION STAY 12" (18mm)	470113	370113	1	0	0	0
	ORTA BOY MAKAS 16" (18 mm) / MEDIUM FRICTION STAY 16" (18mm)	470114	370114	0	1	0	0

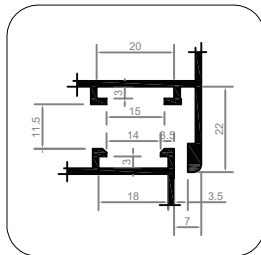
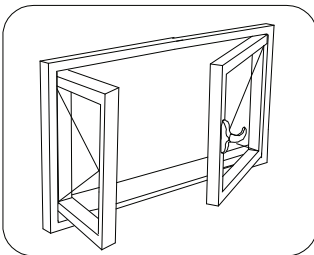
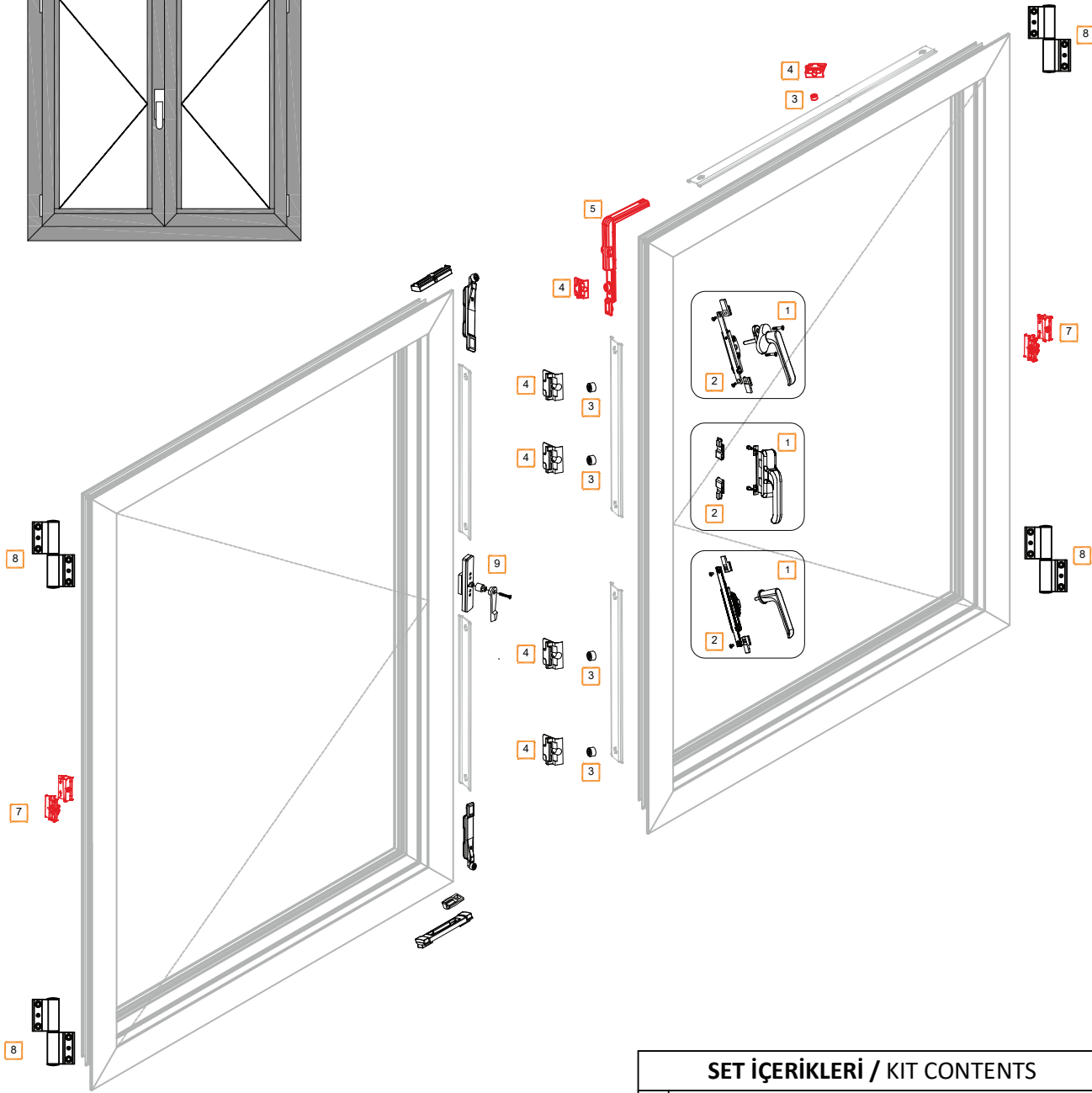
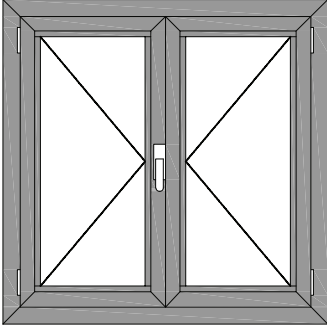
() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

TEK AÇILIM AKSESUARLARI / SIDE HUNG OPENING ACC.

EURO

EURO KANAL / EURO GROOVE

ÇİFT KANAT / DOUBLE SASH



SET İÇERİKLERİ / KIT CONTENTS

1	KOL / HANDLE
2	KOL BAĞLANTILARI / HANDLE CONNECTIONS
3	PİM / PIN
4	KARŞILIK / STRIKER
5	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE
6	KANAT SARKMA TAKOZU / CHOCK FOR VENTS
7	GİZLİ BASKI / HIDDEN STRIKER
8	MENTEŞE / HINGE
9	GİZLİ İSPANYOLET MKNZ. / HIDDEN CREMONE MECH.

TEK AÇILIM AKSESUARLARI / SIDE HUNG OPENING ACC.

EURO

TEK AÇILIM SETLERİ (EURO KANAL & ÇİFT KANAT)
KITS FOR SIDE HUNG (EURO GROOVE & DOUBLE SASH)

	SET İÇERİKLERİ / KIT CONTENTS	İTHAL / IMPORTED	YERLİ / NATIVE	PARÇA ADETLERİ / PIECE QUANTITIES			
				480070 (380070)	480071 (380071)	480072 (380072)	480073 (380073)
				W<1000 H<1400	W<1000 H>1400	W>1000 H<1400	W>1000 H>1400
1	TEK MAÇALI KOL / ONE-WAY CREMONE HANDLE	470070	370070	1	1	1	1
	TEK MAÇALI ANAHTARLI KOL / ONE-WAY CREMONE HANDLE WITH KEY	470150	370150				
	ÇİFT MAÇALI KOL / TWO-WAY CREMONE HANDLE	470071	370071				
	ÇİFT MAÇALI ANAHTARLI KOL / TWO-WAY CREMONE HANDLE WITH KEY	470098	370098				
	ROZETSİZ KOL (7mm) / HANDLE WITHOUT COVERPLATE (7mm)	470185	370185				
	KARE MAÇALI PENCERE KOLU / HANDLE WITH SQUARE ROD	470187	370187				
	KARE MAÇALI ANAHTARLI KOL / SQUARE ROD HANDLE WITH KEY	470189	370189				
	DIŞA AÇILIM KOL (7mm) / OUTWARD OPENING HANDLE (7mm)	470149	370149				
	ANAHTARLI DIŞA AÇILIM KOL(7mm) / OUTWARD OPEN HANDLE WITH KEY	470216	370216				
2	ÇİFT MAÇALI KOL İÇİN SÜRGÜ SETİ / BOLT KIT FOR TWO-WAY CRE. HAND.	470088	370088	1	1	1	1
	KOL BAĞ. PARÇASI (TEK MAÇALI KOL İÇİN) / HAN. CON. PIECE (ONE-WAY)	470205	370205				
	ROZETSİZ KOL İÇ MEK. / INNER MECH. FOR HANDLE WITHOUT C.PLATE	470186	370186				
	ZİT YÖNLÜ İÇ MEKANİZMA / OPPOSITE-WAY INNER MECHANISM	470190	370190				
	TEK YÖNLÜ İÇ MEKANİZMA / ONE-WAY INNER MECHANISM	470188	370188				
3	DIŞA AÇILIR ÇİFT YÖNLÜ İÇ MEK. / OUT. OPEN. TWO-WAY IN. MECH.	470148	370148	2	4	4	8
	AYARLI PİM / ADJUSTABLE PIN	470015	370015				
4	SABİT PİM / FIX PIN	470014	370014	2	4	8	10
	AYARLI KARŞILIK / ADJUSTABLE STRIKER	470146	370146				
5	10 AKS SABİT KARŞILIK / FIX STRIKER	470089	370089	0	0	2	2
6	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE	470018	370018	1	1	1	1
7	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	460016	360016	0	2	1	2
8	GİZLİ BASKI / HIDDEN STRIKER	460073	360073	4	4	4	4
	İKİ YAPRAKLI PENRECE MENTEŞESİ / WINDOW HINGE WITH TWO LEAVES	470099	370099				
	ÜÇ YAPRAKLI PENRECE MENTEŞESİ / WINDOW HINGE WITH THREE LEAVES	470100	370100				
	TEK AÇILIM KLİPSLİ MENTEŞE SETİ / SIDE HUNG CLIP HINGE KIT	470217	370217				
	GİZLİ MENTEŞE SETİ 90° (SAĞ) / HIDDEN HINGE KIT 90° (RIGHT)	470110	370110				
	GİZLİ MENTEŞE SETİ 90° (SOL) / HIDDEN HINGE KIT 90° (LEFT)	470111	370111				
	GİZLİ MENTEŞE SETİ 180° (SAĞ) / HIDDEN HINGE KIT 180° (RIGHT)	470200	370200				
	GİZLİ MENTEŞE SETİ 180° (SOL) / HIDDEN HINGE KIT 180° (LEFT)	470199	370199				
9	KÜÇÜK MAKAS 12" (18 mm) / SMALL FRICTION STAY 12" (18mm)	470113	370113	2	0	0	0
	ORTA BOY MAKAS 16" (18 mm) / MEDIUM FRICTION STAY 16" (18mm)	470114	370114	0	2	0	0
TEK AÇILIM ÇİFT KANAT İÇİN PASİF KANAT BİLEŞENLERİ / PASSIVE SASH COMPONENTS FOR SIDE HUNG DOUBLE SASH							
9	ÇİFT YÖNLÜ GİZLİ SÜRGÜ SETİ / TWO-WAY HIDDEN BOLT KIT	470075	370075	1	1	1	1
	KANALLI PENCERE SÜRGÜSÜ (140 mm) / CHANNEL WIN. BOLT (140mm)	470206	370206	2	2	2	2
	LEVYE KOLLU ÇİFT YÖNLÜ SÜRGÜ SETİ / TWO-WAY BOLT KIT WITH LEVER	470208	370208	1	1	1	1
	MANDALLI SÜRGÜ SETİ / BOLT KIT WITH CLENCH	470209	370209	2	2	0	0
7	PENCERE GİZLİ BASKI / WINDOW HIDDEN STRIKER	460073	360073	0	2	2	2

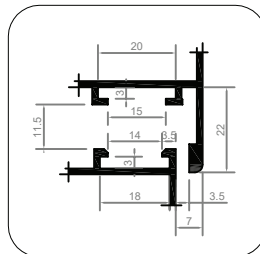
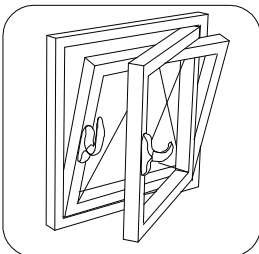
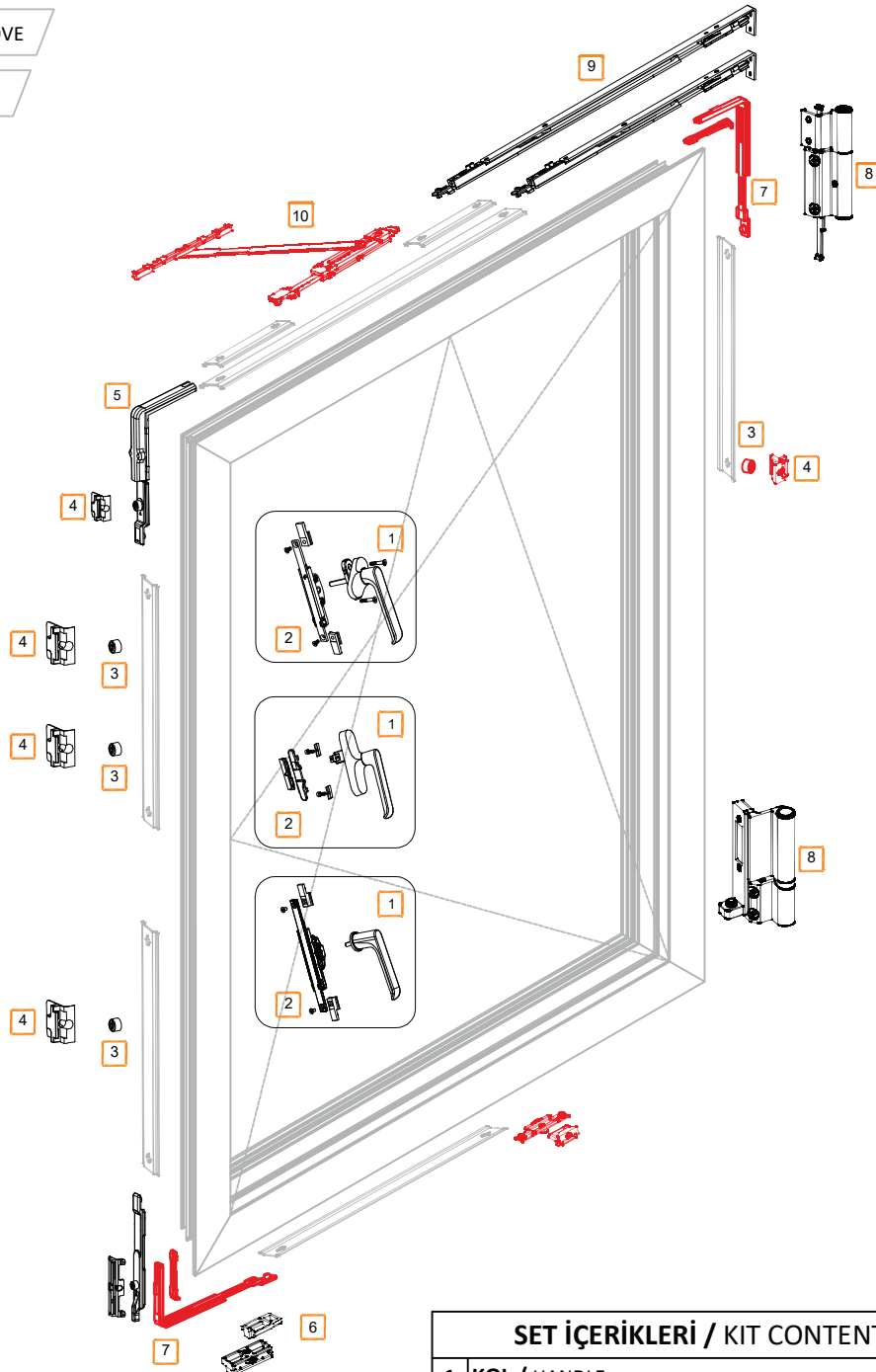
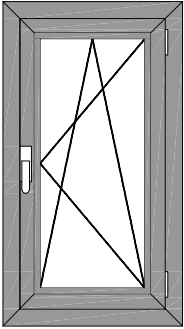
() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN ACCESSORIES

EURO

EURO KANAL / EURO GROOVE

TEK KANAT / SINGLE SASH



SET İÇERİKLERİ / KIT CONTENTS

1	KOL / HANDLE
2	KOL BAĞLANTILARI / HANDLE CONNECTIONS
3	PİM / PIN
4	KARŞILIK / STRIKER
5	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE
6	KANAT SARKMA TAKOZU / CHOCK FOR VENTS
7	ARKA HAREKET İLETİM PAR. / BACK CORNER DEVICE
8	MENTEŞE / HINGE
9	ÇİFT AÇILIM MAKASI / FRICTION STAY FOR TILT&TURN
10	İLAVE MAKAS / ADDITIONAL FRICTION STAY

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN ACCESSORIES

EURO

ÇİFT AÇILIM SETLERİ (EURO KANAL & TEK KANAT) KITS FOR TILT&TURN (EURO GROOVE & SINGLE SASH)				
KANAT ENİ / SASH WIDTH (mm)	W:400-700	W:400-700	W:700-1200	W:700-1200
KANAT YÜKSEKLİĞİ / SASH HEIGHT (mm)	H:600-1200	H:1200-2400	H:600-1200	H:1200-2400
SET KODLARI / KIT CODES				
80 Kg: TEK KANAT / SINGLE SASH	480018 (380018)	480019 (380019)	480020 (380020)	480021 (380021)
100 Kg: TEK KANAT / SINGLE SASH	480093 (380093)	480094 (380094)	480095 (380095)	480096 (380096)
130 Kg: TEK KANAT / SINGLE SASH	480030 (380030)	480031 (380031)	480032 (380032)	480033 (380033)
130 Kg: GİZLİ MEN. TEK KANAT (SAĞA AÇILAN) / HIDDEN VENT SINGLE SASH (OPENING TO RIGHT SIDE)	480038 (380038)	480039 (380039)	480040 (380040)	480041 (380041)
130 Kg: GİZLİ MEN. TEK KANAT (SOLA AÇILAN) / HIDDEN VENT SINGLE SASH (OPENING TO LEFT SIDE)	480042 (380042)	480043 (380043)	480044 (380044)	480045 (380045)
SET İÇERİKLERİ & PARÇA ADETLERİ / KIT CONTENTS & PIECE QUANTITIES				
MENTEŞE KİTİ / HINGE KIT	1	1	1	1
KİLİTLEME MEKANİZMASI / LOCKING MECHANISM *	1	1	1	1
MAKAS / FRICTION STAY	1	1	1	1
KİLİTLEME PİMİ / LOCKING PIN	-	1	1	1
KARŞILIK / STRIKER	2	3	3	3
ARKA HAREKET İLETİM PARÇASI / BACK CORNER DEVICE	-	1	-	1
İLAVE MAKAS / ADDITIONAL FRICTION STAY **	-	-	-	-
* KİLİTLEME MEKANİZMASI / LOCKING MECHANISM: KÖŞE KAREKET İLETİM PARÇASI, KOL BAĞLANTISI, ALT KİLİTLEME VE KARŞILIĞI, SABİT KARŞILIK VE AYARLI PİM İÇERİR. / INCLUDES CORNER DEVICE, HANDLE CONNECTION, BOTTOM LOCK & STRIKER, FIX STRIKER AND ADJUSTABLE PIN.				
** İLAVE MAKAS / ADDITIONAL FRICTION STAY: KANAT GENİŞLİĞİ 1200 mm'DEN BÜYÜK İSE GR2 MAKAS İLE BİRLİKTE KULLANILIR. / IF THE SASH WITH ABOVE 1200mm, GR2 FRICTION HINGE SHOULD BE USED.				
- HER 600 mm ARALIK İÇİN 1 KİLİTLEME PİMİ VE 1 KARŞILIK KULLANILMASI TAVSİYE EDİLİR. / USING 1 LOCKING PIN AND 1 STRIKER ADVISED FOR EACH 600mm GAP.				
- SET KODLARINA KOL DAHİL DEĞİLDİR. PARÇA LİSTESİNDEN İSTENİLEN KOL SEÇİLMELİDİR. / KIT CODES DOES NOT INCLUDE HANDLE. DESIRD HANDLE SHOULD BE SELECTED AT THE PIECE LIST.				

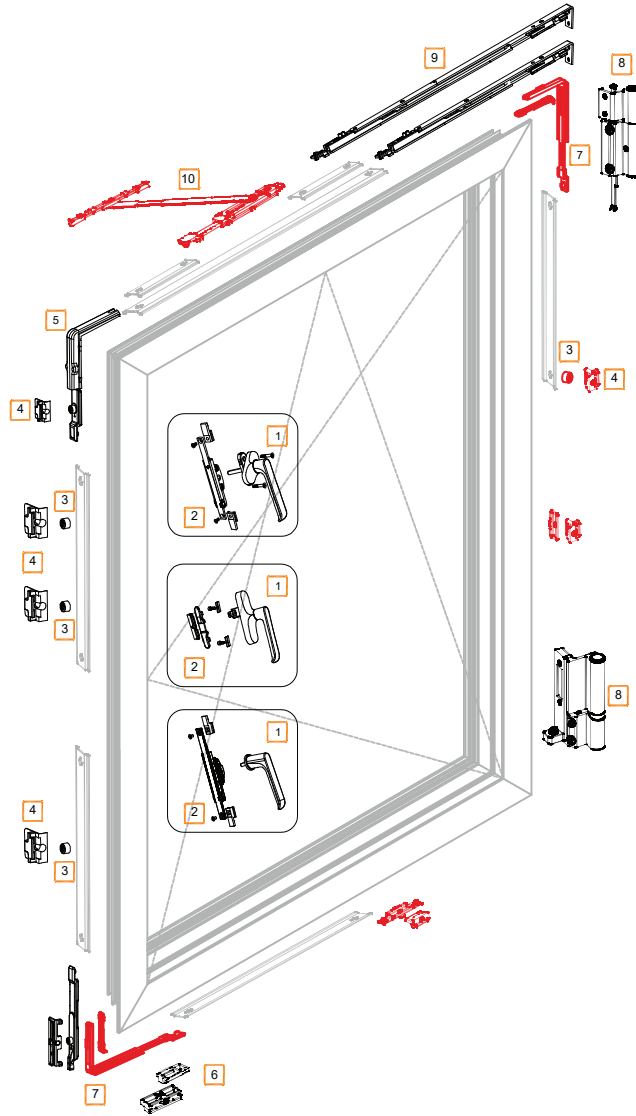
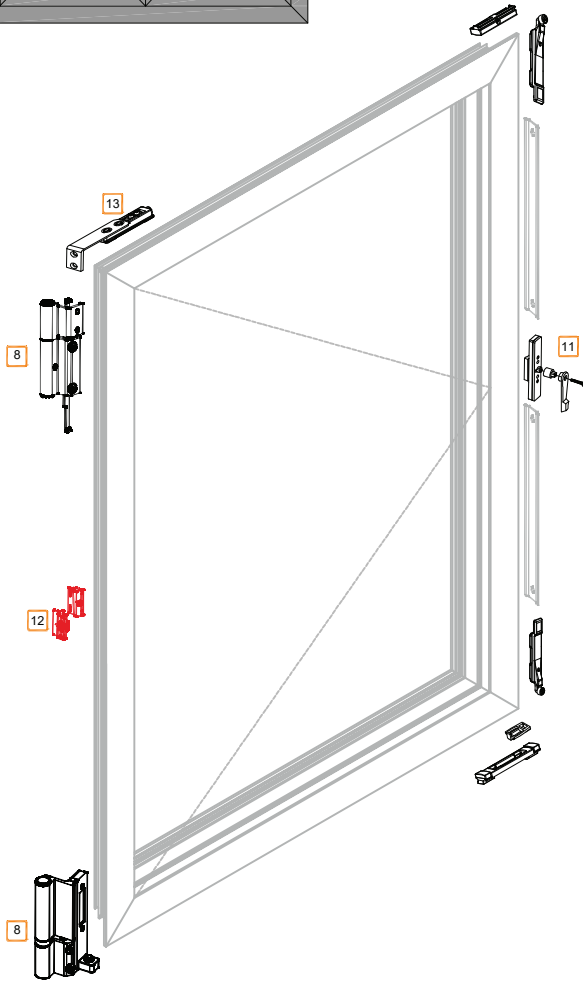
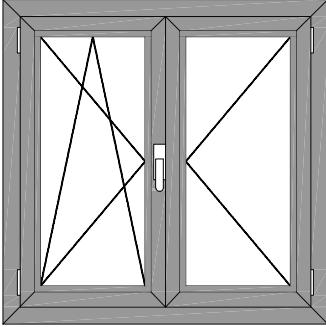
() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN ACCESSORIES

EURO

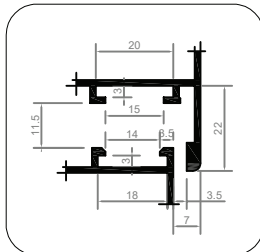
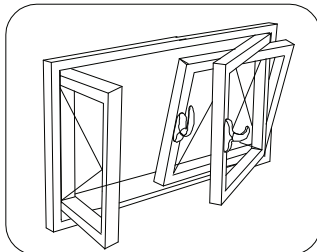
EURO KANAL / EURO GROOVE

ÇİFT KANAT / DOUBLE SASH



SET İÇERİKLERİ / KIT CONTENTS

1	KOL / HANDLE
2	KOL BAĞLANTILARI / HANDLE CONNECTIONS
3	PİM / PIN
4	KARŞILIK / STRIKER
5	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE
6	KANAT SARKMA TAKOZU / CHOCK FOR VENTS
7	ARKA HAREKET İLETİM PAR. / BACK CORNER DEVICE
8	MENTEŞE / HINGE
9	ÇİFT AÇILIM MAKASI / FRICTION STAY FOR TILT&TURN
10	İLAVE MAKAS / ADDITIONAL FRICTION STAY
11	PASİF KANAT GİZLİ İSPANYOLET SÜRGÜSÜ / HIDDEN CREMONE BOLT FOR PASSIVE SASH
12	PENCERE GİZLİ BASKISI / HIDDEN STRIKER FOR WIN.
13	PASİF KANAT İÇİN ÜST MENTEŞE ANA GÖVDESİ / TOP HINGE MAIN BODY FOR PASSIVE SASH



ÇİFT AÇILIM AKSESUARLARI / TILT&TURN ACCESSORIES

EURO

ÇİFT AÇILIM SETLERİ (EURO KANAL & ÇİFT KANAT) KITS FOR TILT&TURN (EURO GROOVE & DOUBLE SASH)				
KANAT ENİ / SASH WIDTH (mm)	W:400-700	W:400-700	W:700-1200	W:700-1200
KANAT YÜKSEKLİĞİ / SASH HEIGHT (mm)	H:600-1200	H:1200-2400	H:600-1200	H:1200-2400
SET KODLARI / KIT CODES				
80 Kg: ÇİFT KANAT / DOUBLE SASH	480089 (380089)	480090 (380090)	480091 (380091)	480092 (380092)
100 Kg: ÇİFT KANAT / DOUBLE SASH	480097 (380097)	480098 (380098)	480099 (380099)	480100 (380100)
130 Kg: ÇİFT KANAT / DOUBLE SASH	480101 (380101)	480102 (380102)	480103 (380103)	480104 (380104)
130 Kg: GİZLİ MEN. ÇİFT KANAT (SAĞA AÇILAN) / HIDDEN VENT DOUBLE SASH (OPENING TO RIGHT SIDE)	480105 (380105)	480106 (380106)	480107 (380107)	480108 (380108)
130 Kg: GİZLİ MEN. ÇİFT KANAT (SOLA AÇILAN) / HIDDEN VENT DOUBLE SASH (OPENING TO LEFT SIDE)	480109 (380109)	480110 (380110)	480111 (380111)	480112 (380112)
SET İÇERİKLERİ & PARÇA ADETLERİ / KIT CONTENTS & PIECE QUANTITIES				
MENTEŞE KİTİ / HINGE KIT	2	2	2	2
KİLİTLEME MEKANİZMASI / LOCKING MECHANISM *	1	1	1	1
MAKAS / FRICTION STAY	1	1	1	1
KİLİTLEME PİMİ / LOCKING PIN	-	1	1	1
KARŞILIK / STRIKER	2	3	3	4
ARKA HAREKET İLETİM PARÇASI / BACK CORNER DEVICE	-	1	-	1
PASİF KANAT ÜST MEN. ANA GÖVDESİ / TOP HINGE MAIN BODY FOR P. SASH	1	1	1	1
PASİF KANAT GİZLİ İSP. SÜRGÜ TAKIMI / HIDDEN CREMONE BOLT KIT FOR PASSIVE SASH	1	1	1	1
PENCERE GİZLİ BASKISI / HIDDEN STRIKER FOR WINDOW	-	1	-	1
İLAVE MAKAS / ADDITIONAL FRICTION STAY **	-	-	-	-
* KİLİTLEME MEKANİZMASI / LOCKING MECHANISM: KÖŞE KAREKET İLETİM PARÇASI, KOL BAĞLANTISI, ALT KİLİTLEME VE KARŞILIĞI, SABİT KARŞILIK VE AYARLI PİM İÇERİR. / INCLUDES CORNER DEVICE, HANDLE CONNECTION, BOTTOM LOCK & STRIKER, FIX STRIKER AND ADJUSTABLE PIN.				
** İLAVE MAKAS / ADDITIONAL FRICTION STAY: KANAT GENİŞLİĞİ 1200 mm'DEN BÜYÜK İSE GR2 MAKAS İLE BİRLİKTE KULLANILIR. / IF THE SASH WITH ABOVE 1200mm, GR2 FRICTION HINGE SHOULD BE USED.				
- HER 600 mm ARALIK İÇİN 1 KİLİTLEME PİMİ VE 1 KARŞILIK KULLANILMASI TAVSİYE EDİLİR. / USING 1 LOCKING PIN AND 1 STRIKER ADVISED FOR EACH 600mm GAP.				
- SET KODLARINA KOL DAHİL DEĞİLDİR. PARÇA LİSTESİNDEN İSTENİLEN KOL SEÇİLMELİDİR. / KIT CODES DOES NOT INCLUDE HANDLE. DESIRD HANDLE SHOULD BE SELECTED AT THE PIECE LIST.				

	KOD/CODE (ITHAL/ IMPORTED)	KOD/CODE (YERLİ/ NATIVE)	EURO KANALLI ÇÖZÜMLER İÇİN DETAYLI PARÇA LİSTESİ DETAILED PIECE LIST FOR THE EURO GOOVE SOLUTIONS
1	470072	370072	ÇİFT AÇILIM EKSENEL KOL (EMNİYETİ ÜZERİNDE) / CREMONE HANDLE FOR TILT&TURN (WITH SAFETY)
	470107	370107	ANAHTARLI ÇİFT AÇILIM. EKSENEL KOL (EMNİYETİ ÜZERİNDE) / CREMONE HANDLE WITH KEY FOR TILT&TURN (WITH SAFETY)
	470237	370237	ÇİFT AÇILIM EKSENEL KOL (TEK DİLLİ) / TILT&TURN CREMONE HANDLE (SINGLE SLEEVE)
	470238	370238	ANAHTARLI ÇİFT AÇILIM EKSENEL KOL (TEK DİLLİ) / TILT&TURN CREMONE HANDLE WITH KEY (SINGLE SLEEVE)
	470185	370185	ROZETSİZ KOL / HANDLE WITHOUT COVERPLATE
	470187	370187	KARE MAÇALI PENCERE KOLU (7mm) / WINDOW HANDLE WITH SQUARE ROD (7mm)
	470189	370189	ANAHTARLI KARE MAÇALI PENCERE KOLU (7mm) / SQUARE ROD WINDOW HANDLE WITH KEY (7mm)
	470214	370214	ÖNCE DEVİR SONRA AÇ (TBT) EKSENE KOL / TILT FIRST CREMONE HANDLE FOR TILT&TURN (WITH SAFETY)
	470213	370213	ÖNCE DEVİR SONRA AÇ (TBT) KARE MAÇALI KOL / TILT FIRST HANDLE WITH SQUARE ROD
2	470188	370188	TEK YÖNLÜ İÇ MEKANİZMA / SINGLE WAY INNER MECHANISM
	470186	370186	KARE MİLLİ ROZETSİZ KOL İÇ MEKANİZMASI / SQUARE ROD HANDLE WITHOUT COVERPLATE INNER MECHANISM
	470246	370246	ÇİFT AÇILIM KOL HAREKET PARÇASI (ÜNİVERSAL) / TILT&TURN HANDLE UNIVERSAL DEVICE
	470245	370245	ÇİFT AÇILIM KOL HAREKET PARÇASI (EMNİYETLİ KOL İÇİN) / TILT&TURN HANDLE DEVICE (FOR SAFETY HANDLE)
3	470015	370015	AYARLI PİM / ADJUSTABLE PIN
	470014	370014	SABİT PİM / FIX PIN
4	470089	370089	SABİT KARŞILIK (10 AKS) / FIX STRIKER (10 AXIS)
	470146	370146	AYARLI KARŞILIK / ADJUSTABLE STRIKER
5	470018	370018	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE
6	470016	370016	KANAT SARKMA TAKOZU / CHOCK FOR VENTS
7	470247	370247	ARKA KÖŞE HAREKET İLETİM PARÇASI / BACK CORNER DEVICE
8	470106	370106	ÇİFT AÇILIM KLİPSLİ MENTEŞE SETİ (80 Kg) / TILT&TURN CLIP HINGE KIT (80Kg)
	470243	370243	ÇİFT AÇILIM KLİPSLİ MENTEŞE SETİ (100 Kg) / TILT&TURN CLIP HINGE KIT (100Kg)
	470069	370069	ÇİFT AÇILIM KLİPSLİ MENTEŞE SETİ (130 Kg) / TILT&TURN CLIP HINGE KIT (130Kg)
	470112	370112	ÇİFT AÇILIM GİZLİ MENTEŞE&MAKAS SETİ (130 Kg) - SAĞ / TILT&TURN HIDDEN HINGE&FRICTION STAY KIT (130Kg) - RIGHT
	470236	370236	ÇİFT AÇILIM GİZLİ MENTEŞE&MAKAS SETİ (130 Kg) - SOL / TILT&TURN HIDDEN HINGE&FRICTION STAY KIT (130Kg) - LEFT
9	470085	370085	ÇİFT AÇILIM KÜÇÜK MAKAS GR1 (400-700mm) / SMALL FRICTION HINGE FOR TILT&TURN GR1 (400-700mm)
	470084	370084	ÇİFT AÇILIM ORTA BOY MAKAS GR2 (700-1200mm) / MEDIUM FRICTION HINGE FOR TILT&TURN GR2 (700-1200mm)
	470239	370239	ÇİFT AÇILIM BÜYÜK MAKAS GR3 (1200-1400mm) / LARGE FRICTION HINGE FOR TILT&TURN GR3 (1200-1400mm)
	470240	370240	TİLT FİRS KÜÇÜK MAKAS GR1 400-700 / TILT FIRST SMALL FRICTION HINGE GR1 (400-700mm)
	470241	370241	TİLT FİRS ORTA MAKAS GR2 (700-1200mm) / TILT FIRST MEDIUM FRICTION HINGE GR2 (700-1200mm)
	470242	370242	TİLT FİRS BÜYÜK MAKAS GR3 (1200-1400mm) / TILT FIRST LARGE FRICTION HINGE GR3 (1200-1400mm)
PASİF KANAT BİLEŞENLERİ PASSIVE SASH COMPONENTS	470244	370244	Ç.K. ÜST MENTEŞE ANA GÖVDE / TOP HINGE MAIN BODY FOR PASSIVE SASH
	470206	370206	KANALLI PENCERE SÜRGÜSÜ (140mm) / CHANNEL WINDOW BOLT (140mm)
	470208	370208	PASİF KANAT İÇİN ÇİFT YÖNLÜ LEVYE KOLLU SÜRGÜ SETİ / DOUBLE SIDED BOLT WITH HANDLE FOR PASSIVE SASH
	470209	370209	PASİF KANAT İÇİN SÜRGÜ SETİ / BOLT KIT FOR PASSIVE SASH
	470251	370251	PASİF KANAT GİZLİ İSPANYOLET MEKANİZMA KOLU / HIDDEN CREMONE MECHANISM HANDLE FOR PASSIVE SASH
	470075	370075	PASİF KANAT GİZLİ İSPANYOLET MEKANİZMA TAKIMI / HIDDEN CREMONE MECHANISM KIT FOR PASSIVE SASH
	460073	360073	PENCERE GİZLİ BASKISI / HIDDEN STRIKER FOR WINDOW
	470248	370248	ÇİFT AÇILIM ALT KİLİTLEMESİ VE KARŞILIĞI / BOTTOM LOCK AND STRIKER FOR TILT&TURN
DİĞER OTHER	470250	370250	HATALI KULLANIM EMNİYETİ VE KARŞILIĞI / SAFETY AND STRIKER FOR WRONG USAGES
	470253	370253	İLAVE MENTEŞE APARATI (+30 Kg) / ADDITIONAL HINGE APPARATUS (+30 Kg)
	470249	370249	TİLT FİRS Ç.A ALT KİLİTLEME VE KARŞILIĞI / TILT FIRST BOTTOM LOCK AND STRIKER FOR TILT&TURN

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN 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
470072 (370072) ÇİFT AÇILIM EKSENEL KOL (KOL EMNİYETİ ÜZERİNDE) / HANDLE FOR TILT&TURN	470107 (370107) ÇİFT AÇILIM ANAHTARLI EKSENEL KOL (KOL EMNİYETİ ÜZERİNDE) HANDLE FOR TILT&TURN WITH KEY
470213 (370213) ÖNCE DEVİR SONRA AÇ (TBT) KARE MAÇALI KOL / TILT FIRST HANDLE WITH SQUARE PIN	470214 (370214) ÖNCE DEVİR SONRA AÇ (TBT) EKSENEL KOL / TILT FIRST CREMONE HANDLE WITH KEY
470237 (370237) ÇİFT AÇILIM TEK DİLLİ EKSENEL KOL / SINGLE PIN HANDLE FOR TILT&TURN	470238 (370238) ÇİFT AÇILIM ANAHTARLI EKSENEL KOL / SINGLE PIN HANDLE FOR TILT&TURN WITH KEY
470185 (370185) ROZETSİZ KARE MİLLİ KOL (7mm) / HANDLE WITHOUT COVERPLATE	470186 (370186) ROZETSİZ KARE MİLLİ KOL İÇ MEKANİZMASI / INNER MECHANISM FOR HANDLE WITHOUT COVERPLATE
470187 (370187) KARE MAÇALI PENCERE KOLU (7mm) / WINDOW HANDLE WITH SQUARE ROD	470188 (370188) KARE MAÇALI TEK YÖNLÜ İÇ MEKANİZMASI / ONE-WAY INNER MECHANISM WITH SQUARE ROD
470189 (370189) ANAHTARLI KARE MAÇALI PENCERE KOLU (7mm) / WINDOW HANDLE WITH SQUARE ROD WITH KEY	
470243 (370243) ÇİFT AÇILIM KLİPSLİ MENTEŞE SETİ (100Kg) / TILT&TURN CLIP HINGE KIT (100Kg)	470247 (370247) ARKA KÖŞE HAREKET İLETİM PARÇASI / BACK CORNER DEVICE
480501 (380501) PVC KANALLI TEK AÇILIM L MENTEŞE SETİ (SAĞ) PVC SIDE HUNG L HINGE KIT (RIGHT)	480502 (380502) PVC KANAL TEK AÇILIM L MENTEŞE SETİ (SOL) PVC SIDE HUNG L HINGE KIT (LEFT)
470245 (370245) ÇİFT AÇILIM KOL HAR. PARÇASI (EMN. KOL İÇİN) / HANDLE CON. PIECE FOR T.T. (FOR SAFETY HANDLE)	470246 (370246) ÇİFT AÇILIM KOL HAR. PARÇASI (ÜNİVERSAL) / HANDLE CON. PIECE FOR T.T. (UNIVERSAL)
470250 (370250) HATALI KULLANIM EMNİYETİ VE KARŞILIĞI / SAFETY AND STRIKER FOR WRONG USAGES	470249 (370249) ÖNCE DEVİR SONRA AÇ ALT KİLİTLEME VE KARŞILIĞI / TILT FIRST BOTTOM LOCK AND STRIKER FOR T.T.

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN 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
470253(370253) İLAVE MENTEŞE APARATI (+30 Kg) / ADDITIONAL HINGE APPARATUS (+30 Kg) 	470251(370251) PASİF KANAT GİZLİ İSPANYOLET KOLU / HIDDEN CREMONE MECHANISM HANDLE FOR PASSIVE SASH 
460073(360073) EURO KANAL PENCERE GİZLİ BASKI / EURO GROVE HIDDEN STRIKER 	470248(370248) Ç.A. ALT KİLİTLEMESİ VE KARŞILIĞI / BOTTOM LOCK AND STRIKER FOR T.T. 
470239 (370239) ÇİFT AÇILIM BÜYÜK MAKAS GR3 / LARGE FRICTION HINGE FOR T.T. GR3 	470240 (370240) ÖNCE DEVİR SONRA AÇ GR1 MAKAS (400-700mm) / TILT FIRST SMALL FRICTION HINGE GR1 (400-700mm) 
470084 (370084) ÇİFT AÇILIM ORTA MAKAS (GR2) / MEDIUM FRICTION HINGE FOR TILT&TURN GR2 (700-1200 MM) 	470241 (370241) ÖNCE DEVİR SONRA AÇ GR2 MAKAS (700-1200mm) / TILT FIRST MEDIUM FRICTION HINGE GR2 (700-1200mm) 
470085 (370085) ÇİFT AÇILIM KÜÇÜK MAKAS (GR1) / SMALL FRICTION HINGE FOR TILT&TURN GR1 (400-700 MM) 	470242 (370242) ÖNCE DEVİR SONRA AÇ GR3 MAKAS (1200-1400mm) / TILT FIRST LARGE FRICTION HINGE GR3 (1200-1400mm) 
470108 (370108) ÇİFT AÇILIM KİTLEME MEKANİZMASI / MECHANISM 	470212 (370212) ÖNCE DEVİR SONRA AÇ MEKANİZMASI / LOGICAL MECHANISM 
470106 (370106) ÇİFT AÇILIM KLİPSLİ MENTEŞE KİTİ (80 kg) / HINGE KIT 	470069 (370069) ÇİFT AÇILIM KLİPSLİ MENTEŞE KİTİ (130 kg) / HINGE KIT 
470112 (370112) Ç.A. GİZLİ MENTEŞE & MAKAS KİTİ SAĞ (130 kg) / T.T. HIDDEN HINGE & ARM KIT RIGHT 	470236(370236) Ç.A. GİZLİ MENTEŞE & MAKAS KİTİ SOL (130 kg) / T.T. HIDDEN HINGE & ARM KIT LEFT 
470073 (370073) İLAVE MAKAS / ADDITIONAL ARM 	470074 (370074) İLAVE KİLİTLEME / ADDITIONAL FASTENING 

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

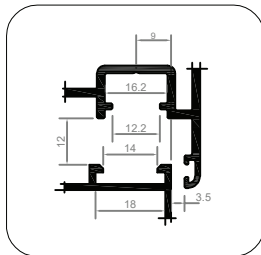
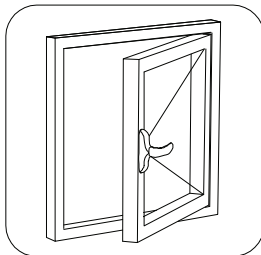
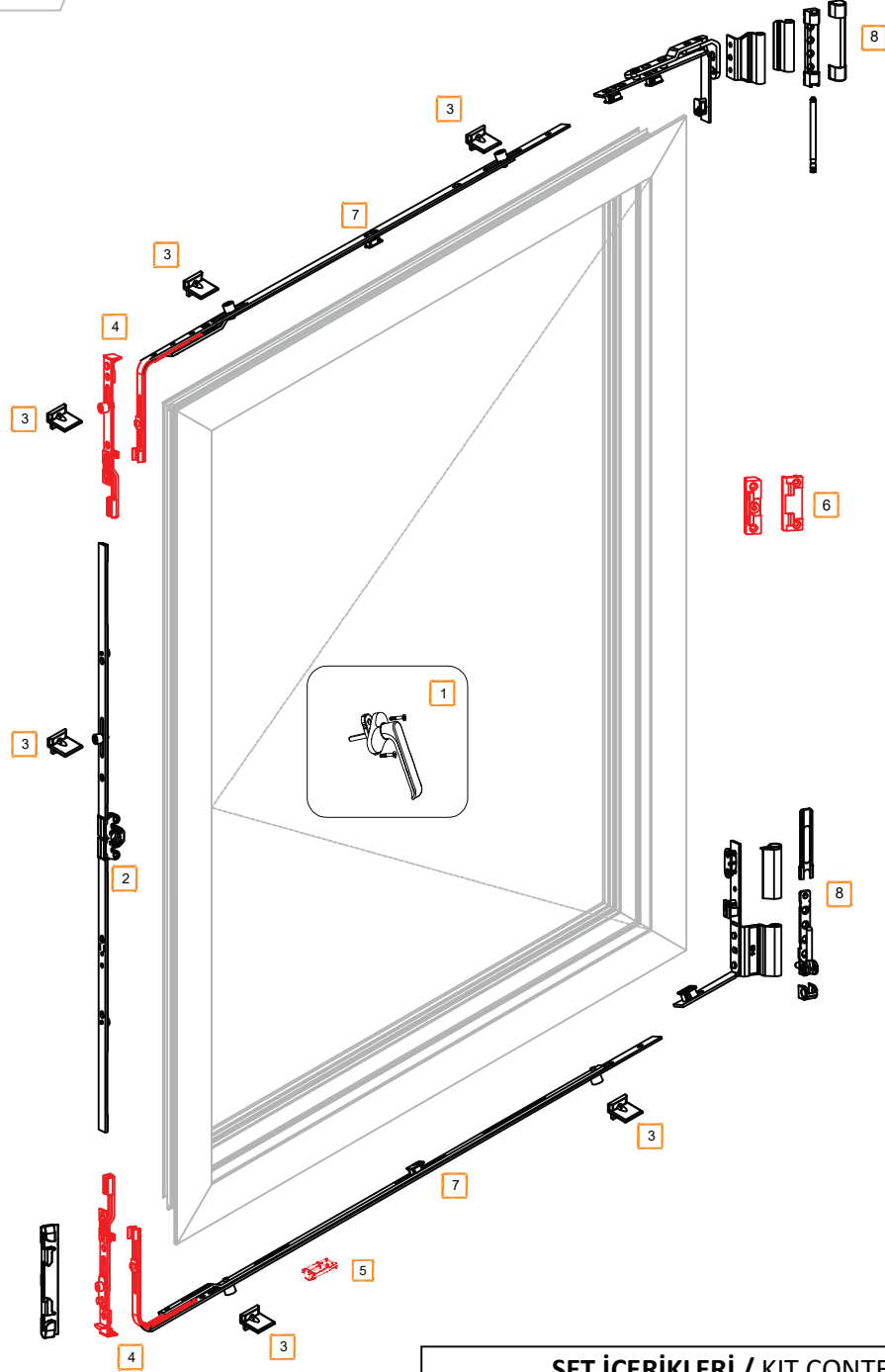
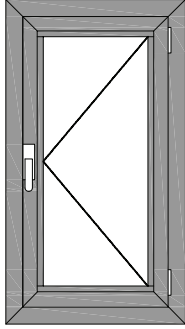
! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

TEK AÇILIM AKSESUARLARI / SIDE HUNG OPENING ACC.

PVC

PVC KANAL / PVC GROOVE

TEK KANAT / SINGLE SASH



SET İÇERİKLERİ / KIT CONTENTS

1	KOL / HANDLE
2	KOL BAĞLANTILARI / HANDLE CONNECTIONS
3	KARŞILIK / STRIKER
4	TEK AÇILIM ÜST KİLİTLEME 90° / SIDE HUNG TOP LOCKING 90°
5	KANAT SARKMA TAKOZU / CHOCK FOR VENTS
6	GİZLİ BASKI / HIDDEN STRIKER
7	İLAVE KİLİTLEME / ADDITIONAL LOCKING
8	MENTEŞE / HINGE

TEK AÇILIM AKSESUARLARI / SIDE HUNG OPENING ACC.

PVC

TEK AÇILIM SETLERİ (PVC KANAL & TEK KANAT)
KITS FOR SIDE HUNG (PVC GROOVE & SINGLE SASH)

	SET İÇERİKLERİ / KIT CONTENTS	İTHAL / IMPORTED	YERLİ / NATIVE	480065 (380065)	480066 (380066)	480067 (380067)	480068 (380068)
				W<1000 H<1400	W<1000 H>1400	W>1000 H<1400	W>1000 H>1400
				PARÇA ADETLERİ / PIECE QUANTITIES			
1	KARE MAÇALI PENCERE KOLU / HANDLE WITH SQUARE ROD	470187	370187	1	1	1	1
	KARE MAÇALI ANAHTARLI KOL / SQUARE ROD HANDLE WITH KEY	470189	370189				
	DIŞA AÇILIM KOL (7mm) / OUTWARD OPENING HANDLE (7mm)	470149	370149				
	ANAHTARLI DIŞA AÇILIM KOL(7mm) / OUTWARD OPEN HANDLE WITH KEY	470216	370216				
2	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr00: 480-700 (630/15)	470218	370218	1	0	1	0
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr01: 685-1100 (830/15)	470219	370219				
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr02: 985-1400 (1130/15)	470220	370220				
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr04: 1385-1800 (1530/15)	470221	370221	0	1	0	1
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr05: 1585-2000 (1730/15)	470222	370222				
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr06: 1985-2400 (2130/15)	470223	370223				
3	SABİT KARŞILIK (9mm AKS) / FIX STRIKER (9mm AXIS)	470254	370254	3	6	7	8
4	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE (OPSİYONEL)	470224	370224	2	2	2	2
	TEK AÇILIM ÜST KİTLEME 90° / SIDE HUNG TOP LOCKING 90°	470255	370255	2	2	2	2
5	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	460016	360016	1	1	1	1
6	PENCERE GİZLİ BASKI / WINDOW HIDDEN STRIKER	460073	360073	0	2	2	2
7	PVC KANALLI Ç.A. ARKA KİLİTLEME GR00 / ADD. LOCKING P. GR00	470303	370303	0	2	0	2
	PVC KANALLI Ç.A. ARKA KİLİTLEME GR02 / ADD. LOCKING P. GR02	470304	370304				
8	TEK AÇILIM KLİPSLİ MENTEŞE SETİ / SIDE HUNG CLIP HINGE KIT	480500	380500	1	1	1	1
	TEK AÇILIM L MENTEŞE SETİ (SAĞ) / SIDE HUNG L HINGE KIT (RIGHT)	480501	380501				
	TEK AÇILIM L MENTEŞE SETİ (SOL) / SIDE HUNG L HINGE KIT (LEFT)	480502	350502				
	KÜÇÜK MAKAS 12" (16 mm) / SMALL FRICTION STAY 12" (16mm)	470115	370115	1	0	0	0
	ORTA BOY MAKAS 16" (16 mm) / MEDIUM FRICTION STAY 16" (16mm)	470116	370116	0	1	0	0

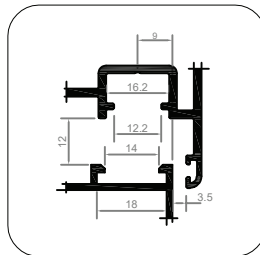
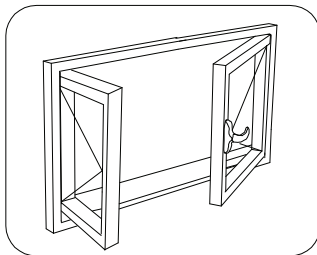
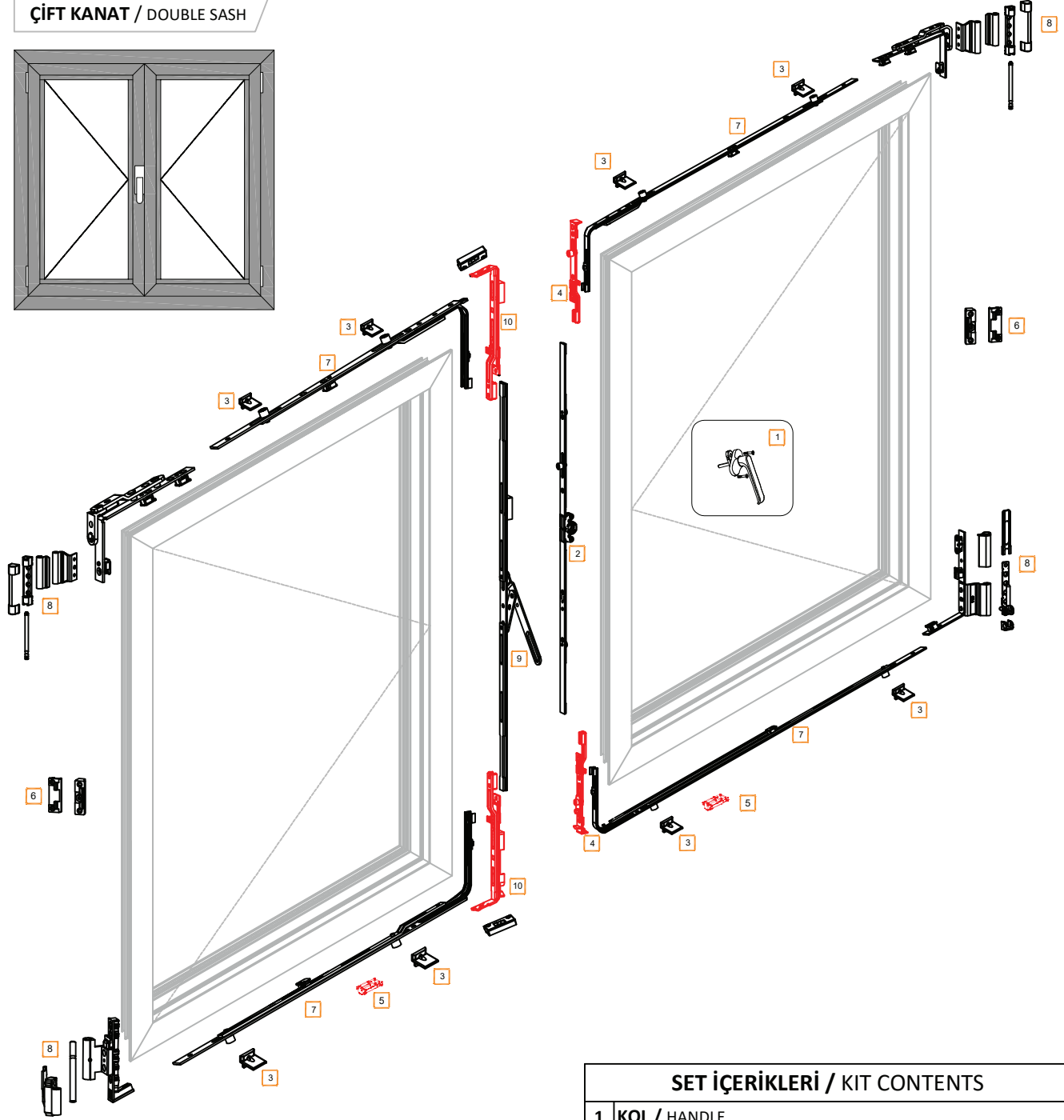
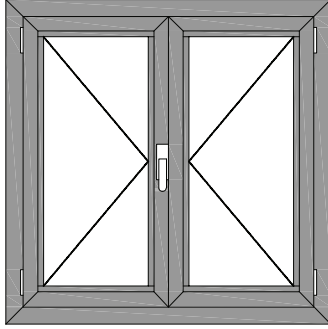
() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
 () CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

TEK AÇILIM AKSESUARLARI / SIDE HUNG OPENING ACC.

PVC

PVC KANAL / PVC GROOVE

ÇİFT KANAT / DOUBLE SASH



SET İÇERİKLERİ / KIT CONTENTS

1	KOL / HANDLE
2	KOL BAĞLANTILARI / HANDLE CONNECTIONS
3	KARŞILIK / STRIKER
4	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE
5	KANAT SARKMA TAKOZU / CHOCK FOR VENTS
6	GİZLİ BASKI / HIDDEN STRIKER
7	İLAVE KİLİTLEME / ADDITIONAL LOCKING
8	MENTEŞE / HINGE
9	PASİF KANAT İSPANYOLET / PASSİVE SASH ESPAGNOLETTE
10	PASİF KANAT SÜRGÜ SETİ / BOLT KIT FOR PAS. SASH

TEK AÇILIM AKSESUARLARI / SIDE HUNG OPENING ACC.

PVC

TEK AÇILIM SETLERİ (PVC KANAL & ÇİFT KANAT)
KITS FOR SIDE HUNG (PVC GROOVE & DOUBLE SASH)

				480074 (380074)	480075 (380075)	480076 (380076)	480077 (380077)
				W<1000 H<1400	W<1000 H>1400	W>1000 H<1400	W>1000 H>1400
	SET İÇERİKLERİ / KIT CONTENTS	İTHAL / IMPORTED	YERLİ / NATIVE	PARÇA ADETLERİ / PIECE QUANTITIES			
1	KARE MAÇALI PENCERE KOLU / HANDLE WITH SQUARE ROD	470187	370187	1	1	1	1
	KARE MAÇALI ANAHTARLI KOL / SQUARE ROD HANDLE WITH KEY	470189	370189				
	DIŞA AÇILIM KOL (7mm) / OUTWARD OPENING HANDLE (7mm)	470149	370149				
	ANAHTARLI DIŞA AÇILIM KOL(7mm)/OUTWARD OPEN HANDLE WITH KEY	470216	370216				
2	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr00: 480-700 (630/15)	470218	370218	1	0	1	0
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr01: 685-1100 (830/15)	470219	370219				
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr02: 985-1400 (1130/15)	470220	370220				
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr04: 1385-1800 (1530/15)	470221	370221	0	1	0	1
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr05: 1585-2000 (1730/15)	470222	370222				
	ÇİFT AÇILIM 15 EKSEN KYO. İSPANYOLET-Gr06: 1985-2400 (2130/15)	470223	370223				
3	SABİT KARŞILIK (9mm AKS) / FIX STRIKER (9mm AXIS)	470254	370254	3	9	11	13
4	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE (OPSİYONEL)	470224	370224	0	0	0	0
	TEK AÇILIM ÜST KİLİTLEME 90° / SIDE HUNG TOP LOCKING 90°	470255	370255	2	2	2	2
5	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	460016	360016	2	2	2	2
6	PVC KANAL İÇİN PENCERE GİZLİ BASKISI / HIDDEN STRIKER FOR WINDOW WITH PVC GROOVE	460076	360076	0	2	2	2
7	PVC KANALLI Ç.A. ARKA KİLİTLEME GR00 / ADD. LOCKING P. GR00	470303	370303	0	4	0	4
	PVC KANALLI Ç.A. ARKA KİLİTLEME GR02 / ADD. LOCKING P. GR02	470304	370304				
8	TEK AÇILIM KLİPSLİ MENTEŞE SETİ / SIDE HUNG CLIP HINGE KIT	480500	380500	2	2	2	2
	TEK AÇILIM L MENTEŞE SETİ (SAĞ) / SIDE HUNG L HINGE KIT (RIGHT)	480501	380501				
	TEK AÇILIM L MENTEŞE SETİ (SOL) / SIDE HUNG L HINGE KIT (LEFT)	480502	350502				
	KÜÇÜK MAKAS 12" (16 mm) / SMALL FRICTION STAY 12" (16mm)	470115	370115	2	0	0	0
	ORTA BOY MAKAS 16" (16 mm) / MEDIUM FRICTION STAY 16" (16mm)	470116	370116	0	2	0	0

TEK AÇILIM ÇİFT KANAT İÇİN PASİF KANAT BİLEŞENLERİ / PASSIVE SASH COMPONENTS FOR SIDE HUNG DOUBLE SASH

9	ÇİFT KANAT LEVYE KOLLU İSPANYOLET-Gr01: 585-1000 (730/15)	470230	370230	1	0	1	0
	ÇİFT KANAT LEVYE KOLLU İSPANYOLET-Gr02: 685-1100 (830/15)	470231	370231				
	ÇİFT KANAT LEVYE KOLLU İSPANYOLET-Gr03: 985-1400 (1130/15)	470232	370232				
	ÇİFT KANAT LEVYE KOLLU İSPANYOLET-Gr04: 1385-1800 (1530/15)	470233	370233	0	1	0	1
	ÇİFT KANAT LEVYE KOLLU İSPANYOLET-Gr05: 1585-2000 (1730/15)	470234	370234				
	ÇİFT KANAT LEVYE KOLLU İSPANYOLET-Gr06: 1985-2400 (2130/15)	470235	370235				
10	PVC KANAL İÇİN PASİF KANAT ALT-ÜST SÜRGÜ SETİ VE KARŞILIKLARI / TOP-BOTTOM BOLT KIT AND STRIKER KIT FOR PASSIVE SASH WITH PVC GROOVE	480503	380503	1	1	1	1

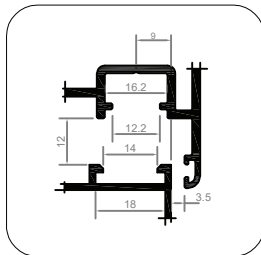
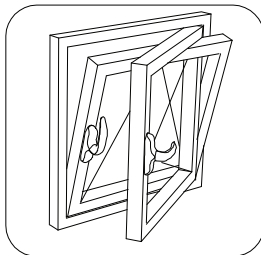
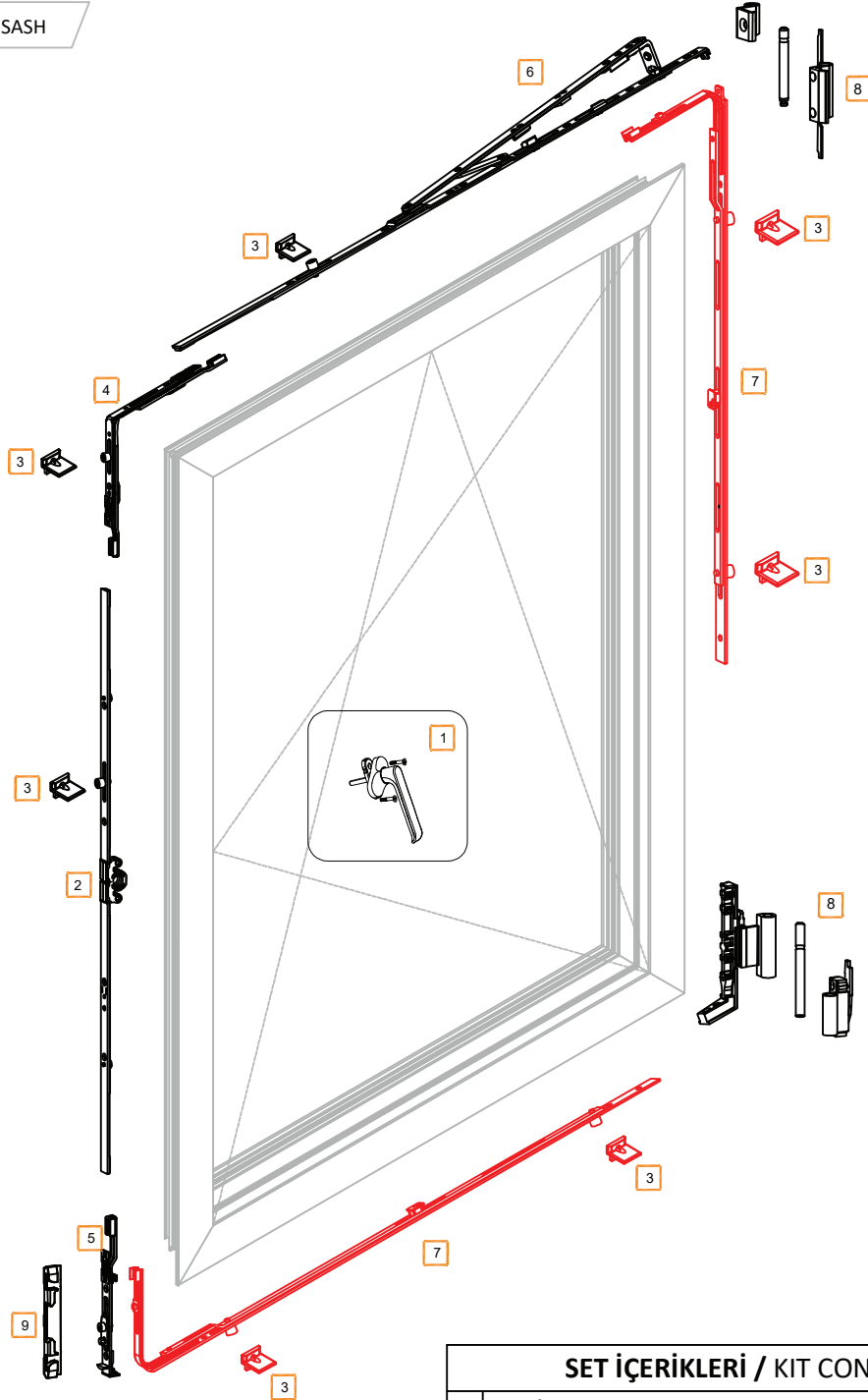
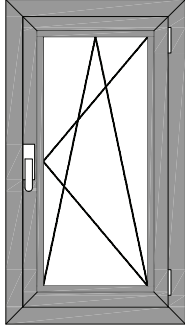
() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN ACCESSORIES

PVC

PVC KANAL / PVC GROOVE

TEK KANAT / SINGLE SASH



SET İÇERİKLERİ / KIT CONTENTS

1	KOL / HANDLE
2	KOL BAĞLANTILARI / HANDLE CONNECTIONS
3	KARŞILIK / STRIKER
4	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE
5	Ç.A ALT KİLİTLEME / BOTTOM LOCK
6	Ç.A. MAKAS / STAY ARM
7	İLAVE KİLİTLEME / ADDITIONAL LOCKING
8	MENTEŞE / HINGE
9	Ç.A PİVOT KARŞILIK / PIVOT STRIKER

Tek Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - L Menteşeli - Sağ

Kanat Geniřlięi

Kanat Yükseklięi

PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480113 380113	480114 380114	480115 380115	480116 380116	480117 380117	480118 380118
685-1100	480119 380119	480120 380120	480121 380121	480122 380122	480123 380123	480124 380124
985-1400	480125 380125	480126 380126	480127 380127	480128 380128	480129 380129	480130 380130
1385-1800	480131 380131	480132 380132	480133 380133	480134 380134	480135 380135	480136 380136
1585-2000	480137 380137	480138 380138	480139 380139	480140 380140	480141 380141	480142 380142
1985-2400	480143 380143	480144 380144	480145 380145	480146 380146	480147 380147	480148 380148

Tek Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - L Menteşeli - SOL

Kanat Geniřlięi

Kanat Yükseklięi

PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480149 380149	480150 380150	480151 380151	480152 380152	480153 380153	480154 380154
685-1100	480155 380155	480156 380156	480157 380157	480158 380158	480159 380159	480160 380160
985-1400	480161 380161	480162 380162	480163 380163	480164 380164	480165 380165	480166 380166
1385-1800	480167 380167	480168 380168	480169 380169	480170 380170	480171 380171	480172 380172
1585-2000	480173 380173	480174 380174	480175 380175	480176 380176	480177 380177	480178 380178
1985-2400	480179 380179	480180 380180	480181 380181	480182 380182	480183 380183	480184 380184

Tek Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - Klipsli Menteşeli

Kanat Geniřlięi

Kanat Yükseklięi

PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480185 380185	480186 380186	480187 380187	480188 380188	480189 380189	480190 380190
685-1100	480191 380191	480192 380192	480193 380193	480194 380194	480195 380195	480196 380196
985-1400	480197 380197	480198 380198	480199 380199	480200 380200	480201 380201	480202 380202
1385-1800	480203 380203	480204 380204	480205 380205	480206 380206	480207 380207	480208 380208
1585-2000	480209 380209	480210 380210	480211 380211	480212 380212	480213 380213	480214 380214
1985-2400	480215 380215	480216 380216	480217 380217	480218 380218	480219 380219	480220 380220

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN ACCESSORIES

PVC

Tek Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - Gizli Menteşeli - Sağ

Kanat Yüksekliği

Kanat Genişliği

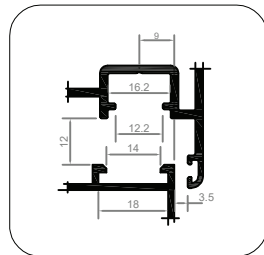
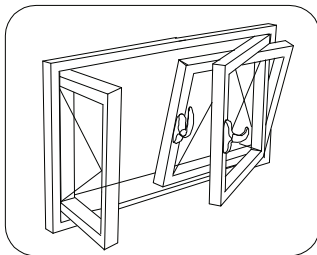
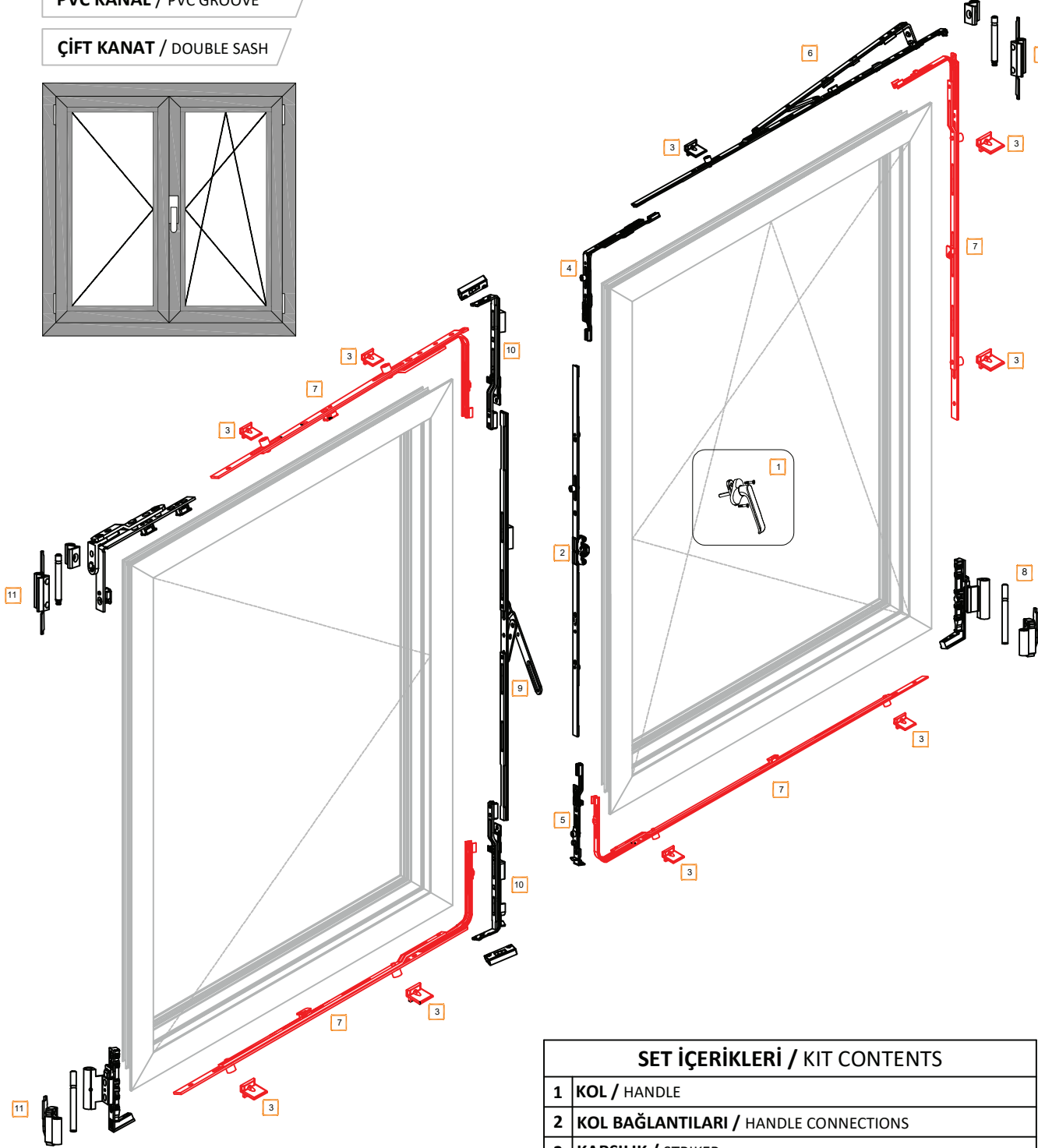
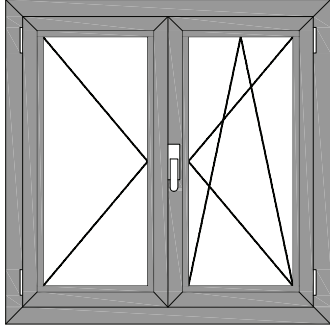
PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480221 380221	480222 380222	480223 380223	480224 380224	480225 380225	480226 380226
685-1100	480227 380227	480228 380228	480229 380229	480230 380230	480231 380231	480232 380232
985-1400	480233 380233	480234 380234	480235 380235	480236 380236	480237 380237	480238 380238
1385-1800	480239 380239	480240 380240	480241 380241	480242 380242	480243 380243	480244 380244
1585-2000	480245 380245	480246 380246	480247 380247	480248 380248	480249 380249	480250 380250
1985-2400	480251 380251	480252 380252	480253 380253	480254 380254	480255 380255	480256 380256

Tek Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - Gizli Menteşeli - Sol

Kanat Yüksekliği

Kanat Genişliği

PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480257 380257	480258 380258	480259 380259	480260 380260	480261 380261	480262 380262
685-1100	480263 380263	480264 380264	480265 380265	480266 380266	480267 380267	480268 380268
985-1400	480269 380269	480270 380270	480271 380271	480272 380272	480273 380273	480274 380274
1385-1800	480275 380275	480276 380276	480277 380277	480278 380278	480279 380279	480280 380280
1585-2000	480281 380281	480282 380282	480283 380283	480284 380284	480285 380285	480286 380286
1985-2400	480287 380287	480288 380288	480289 380289	480290 380290	480291 380291	480292 380292

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN ACCESSORIES
PVC
PVC KANAL / PVC GROOVE
ÇİFT KANAT / DOUBLE SASH

SET İÇERİKLERİ / KIT CONTENTS

1	KOL / HANDLE
2	KOL BAĞLANTILARI / HANDLE CONNECTIONS
3	KARŞILIK / STRIKER
4	KÖŞE HAREKET İLETİM PARÇASI / CORNER DEVICE
5	Ç.A ALT KİLİTLEME / BOTTOM LOCK
6	Ç.A. MAKAS / STAY ARM
7	İLAVE KİLİTLEME / ADDITIONAL LOCKING
8	AKTİF KANAT MENTEŞE SET / ACTIVE SASH HINGE SET
9	PASİF KANAT İSPANYOLET / PASSIVE SASH ESPAGNOLETTE
10	PASİF KANAT SÜRGÜ SETİ / BOLT KIT FOR PAS. SASH
11	PASİF KANAT MENTEŞE SETİ / HINGE FOR PAS. SASH

ÇİFT AÇILIM AKSESUARLARI / TILT&TURN ACCESSORIES

PVC

Çift Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - L Menteşeli - Sağ

Kanat Yüksekliği

Kanat Genişliği

PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480293 380293	480294 380294	480295 380295	480296 380296	480297 380297	480298 380298
685-1100	480299 380299	480300 380300	480301 380301	480302 380302	480303 380303	480304 380304
985-1400	480305 380305	480306 380306	480307 380307	480308 380308	480309 380309	480310 380310
1385-1800	480311 380311	480312 380312	480313 380313	480314 380314	480315 380315	480316 380316
1585-2000	480317 380317	480318 380318	480319 380319	480320 380320	480321 380321	480322 380322
1985-2400	480323 380323	480324 380324	480325 380325	480326 380326	480327 380327	480328 380328

Çift Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - L Menteşeli - SOL

Kanat Yüksekliği

Kanat Genişliği

PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480329 380329	480330 380330	480331 380331	480332 380332	480333 380333	480334 380334
685-1100	480335 380335	480336 380336	480337 380337	480338 380338	480339 380339	480340 380340
985-1400	480341 380341	480342 380342	480343 380343	480344 380344	480345 380345	480346 380346
1385-1800	480347 380347	480348 380348	480349 380349	480350 380350	480351 380351	480352 380352
1585-2000	480353 380353	480354 380354	480355 380355	480356 380356	480357 380357	480358 380358
1985-2400	480359 380359	480360 380360	480361 380361	480362 380362	480363 380363	480364 380364

Çift Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - Klipsli Menteşeli

Kanat Yüksekliği

Kanat Genişliği

PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480365 380365	480366 380366	480367 380367	480368 380368	480369 380369	480370 380370
685-1100	480371 380371	480372 380372	480373 380373	480374 380374	480375 380375	480376 380376
985-1400	480377 380377	480378 380378	480379 380379	480380 380380	480381 380381	480382 380382
1385-1800	480383 380383	480384 380384	480385 380385	480386 380386	480387 380387	480388 380388
1585-2000	480389 380389	480390 380390	480391 380391	480392 380392	480393 380393	480394 380394
1985-2400	480395 380395	480396 380396	480397 380397	480398 380398	480399 380399	480400 380400

Çift Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - Gizli Menteşeli - Sağ

Kanat Yüksekliği

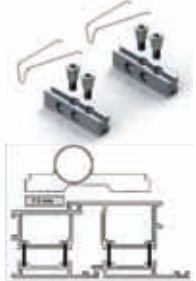
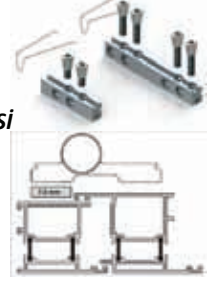
Kanat Genişliği						
PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480401 380401	480402 380402	480403 380403	480404 380404	480405 380405	480406 380406
685-1100	480407 380407	480408 380408	480409 380409	480410 380410	480411 380411	480412 380412
985-1400	480413 380413	480414 380414	480415 380415	480416 380416	480417 380417	480418 380418
1385-1800	480419 380419	480420 380420	480421 380421	480422 380422	480423 380423	480424 380424
1585-2000	480425 380425	480426 380426	480427 380427	480428 380428	480429 380429	480430 380430
1985-2400	480431 380431	480432 380432	480433 380433	480434 380434	480435 380435	480436 380436

Çift Kanat 15 Eksen KYO Yandan Devrilme Standart Set Tablosu - Gizli Menteşeli - Sol

Kanat Yüksekliği

Kanat Genişliği						
PVC KANAL / PERİMETRİK	395-600	595-800	795-1000	995-1200	1195-1400	1395-1600
480-700	480437 380437	480438 380438	480439 380439	480440 380440	480441 380441	480442 380442
685-1100	480443 380443	480444 380444	480445 380445	480446 380446	480447 380447	480448 380448
985-1400	480449 380449	480450 380450	480451 380451	480452 380452	480453 380453	480454 380454
1385-1800	480455 380455	480456 380456	480457 380457	480458 380458	480459 380459	480460 380460
1585-2000	480461 380461	480462 380462	480463 380463	480464 380464	480465 380465	480466 380466
1985-2400	480467 380467	480468 380468	480469 380469	480470 380470	480471 380471	480472 380472

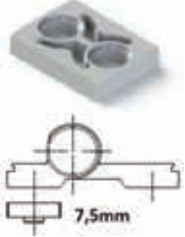
MENTEŞELER / HINGES

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
470099 (370099) <i>İKİ YAPRAKLI PENRECE MENTEŞESİ / WINDOW HINGE WITH TWO LEAVES</i> * TAŞIMA KAPASİTESİ: 75 kg (2 adet) LOAD CAPACITY: 75 kg (2 pieces) 	470100 (370100) <i>ÜÇ YAPRAKLI PENRECE MENTEŞESİ / WINDOW HINGE WITH THREE LEAVES</i> * TAŞIMA KAPASİTESİ: 75 kg (2 adet) LOAD CAPACITY: 75 kg (2 pieces) 
470080 (370080) <i>İKİ YAPRAKLI AYARLI KAPI MENTEŞESİ / ADJUSTABLE DOOR HINGE WITH TWO LEAVES</i> * 100 kg (2 adet) / 100 kg (2 pieces) 	470081 (370081) <i>İKİ YAPRAKLI BÜYÜK BOY AYARLI KAPI MENTEŞESİ / ADJUSTABLE LARGE SIZE DOOR HINGE</i> * TAŞIMA KAPASİTESİ: 160 kg (2 adet) LOAD CAPACITY: 160 kg (2 pieces) 
470204 (370204) <i>ÜÇ YAPRAKLI AYARLI KAPI MENTEŞESİ / ADJUSTABLE DOOR HINGE WITH THREE LEAVES</i> * 130 kg (2 adet) / 130 kg (2 pieces) 	470101 (370101) <i>HEM YÜZ İKİ YAPRAKLI KAPI MENTEŞESİ / DOOR HINGE WITH TWO LEAVES</i> * AKS ARALIĞI: 60-75mm arası DISTANCE BETWEEN AXIS: 60-75mm * TAŞIMA KAPASİTESİ: 120 kg (3 adet) LOAD CAPACITY: 120 kg (3 pieces) 
470077 (370077) <i>HEM TÜZ ÜÇ YAPRAKLI KAPI MENTEŞESİ / DOOR HINGE WITH THREE LEAVES</i> * AKS ARALIĞI: 60-75mm arası DISTANCE BETWEEN AXIS: 60-75mm * TAŞIMA KAPASİTESİ: 160 kg (3 adet) LOAD CAPACITY: 160 kg (3 pieces) 	470102 (370102) <i>HEM YÜZ İKİ YAPRAKLI KAPI MENTEŞESİ / DOOR HINGE WITH TWO LEAVES</i> * AKS ARALIĞI: 80-100mm arası DISTANCE BETWEEN AXIS: 80-100mm * TAŞIMA KAPASİTESİ: 120 kg (3 adet) LOAD CAPACITY: 120 kg (3 pieces) 
470079 (370079) <i>KADEMELİ İKİ YAPRAKLI KAPI MENTEŞESİ İÇİN MONTAJ KİTİ / COUNTERPLATE KIT FOR DOOR HINGES WITH TWO LEAVES</i> 	470196 (370196) <i>KADEMELİ ÜÇ YAPRAKLI KAPI MENTEŞESİ İÇİN MONTAJ KİTİ / COUNTERPLATE KIT FOR DOOR HINGES WITH TWO LEAVES</i> 
470147 (370147) <i>HEM YÜZ ÜÇ YAPRAKLI KAPI MENTEŞESİ / DOOR HINGE WITH THREE LEAVES</i> * AKS ARALIĞI: 80-100mm arası DISTANCE BETWEEN AXIS: 80-100mm * TAŞIMA KAPASİTESİ: 160 kg (3 adet) LOAD CAPACITY: 160 kg (3 pieces) 	470102 (370102) <i>HEM YÜZ İKİ YAPRAKLI KAPI MENTEŞESİ / DOOR HINGE WITH TWO LEAVES</i> * AKS ARALIĞI: 80-100mm arası DISTANCE BETWEEN AXIS: 80-100mm * TAŞIMA KAPASİTESİ: 120 kg (3 adet) LOAD CAPACITY: 120 kg (3 pieces) 

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

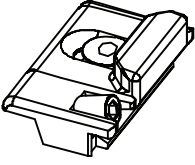
MENTEŞELER / HINGES

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
460066 (360066) 7,5mm MENTEŞE BİNİ YÜKSELTMESİ / 7,5mm STEP PIECE FOR DOOR HINGES * YÜZEYDEN MONTAJLI TÜM KAPI MENTEŞELERİNDE KULLANILMALDIR. SHOULD BE USED WITH ALL SURFACE MOUNTING HINGES. 	460067 (360067) W55 İÇİN M12x65 MENTEŞE BAĞLANTI VİDASI / DIRECT SCREW FOR DOOR HINGES * İKİ YAPRAKLI MENTEŞELER İÇİN 4 ADET, ÜÇ YAPRAKLI MENTEŞELER İÇİN 6 ADET KULLANILIR. SHOULD BE USED 4 PIECES PER HINGE WITH TWO LEAVES AND 6 PIECES PER HINGE WITH THREE LEAVES. 
470111 (370111) 90° TEK AÇILIM GİZLİ MENTEŞE SETİ (SOL) / 90° SIDE HUNG HIDDEN HINGE SET (LEFT) * SOLA AÇILAN KANATLAR İÇİNDİR. USING WITH LEFT HAND OPENING SASH. 	470110 (370110) 90° TEK AÇILIM GİZLİ MENTEŞE SETİ (SAĞ) / 90° SIDE HUNG HIDDEN HINGE SET (RIGHT) * SAĞA AÇILAN KANATLAR İÇİNDİR. USING WITH RIGHT HAND OPENING SASH. 
470199 (370199) 180° TEK AÇILIM GİZLİ MENTEŞE SETİ (SOL) / 180° SIDE HUNG HIDDEN HINGE SET (LEFT) * SOLA AÇILAN KANATLAR İÇİNDİR. USING WITH LEFT HAND OPENING SASH. 	470200 (370200) 180° TEK AÇILIM GİZLİ MENTEŞE SETİ (SAĞ) / 180° SIDE HUNG HIDDEN HINGE SET (RIGHT) * SAĞA AÇILAN KANATLAR İÇİNDİR. USING WITH RIGHT HAND OPENING SASH. 
470103 (370103) PİVOT MENTEŞE / PIVOT HINGE 	480500 (380500) PVC KANAL TEK AÇILIM KLİPSLİ MENTEŞE SETİ / PVC SIDE HUNG CLIP HINGE KIT 

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

BAĞLANTI ELEMANLARI / CONNECTION PARTS

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
470015 (370015) AYARLI PİM / ADJUSTABLE PIN 	470014 (370014) SABİT PİM / FIXED PIN 
450014 (350014) ÇİFT MAÇALI KOL İÇİN TİJ BAĞLANTI PABUÇ SETİ / TWO-WAY DRIVE ROD CONNECTION KIT 	470205 (370205) TEK MAÇALI KOL İÇİN TİJ BAĞLANTI PARÇASI / ONE-WAY DRIVE ROD CONNECTION PIECE 
470146 (370146) AYARLI KARŞILIK / ADJUSTABLE STRIKER 	470089 (370089) 10 AKS SABİT KARŞILIK / FIXED STRIKER 
470018 (370018) KÖŞE DÖNÜŞ AKTARMA PARÇASI / CORNER TRANSFER DEVICE 	460016 (360016) KANAT SARKMA TAKOZU / CHOCK FOR SASHES 
470076 (370076) VASİSTAS MANDALI / TWIN CATCH HANDLE 	460071 (360071) BALKON KAPILARI İÇİN KANAT DURDURUCU ÇİT ÇİT / WING AGAINST SASH STOPPER FOR BALCONY DOORS 

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

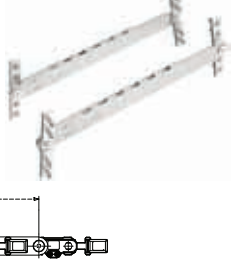
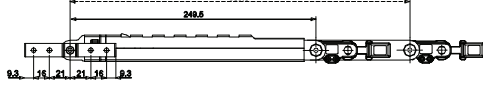
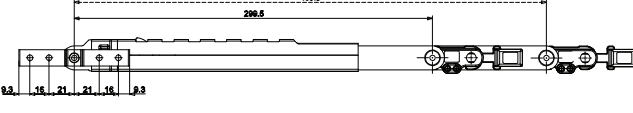
SÜRGÜLER / BOLTS

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
470088 (370088) ÇİFT MAÇALI KOL İÇİN SÜRGÜ SETİ / BOLT KIT FOR TWO-WAY CREMONE HANDLE 	470105 (370105) DIŞTAN UYGULAMA KAPI SÜRGÜSÜ / DOOR BOLT FOR OUTSIDE APPLICATION 
470206 (370206) KANALLI PENCERE SÜRGÜSÜ (140mm) / WINDOW BOLT WITH GROOVE (140mm) 	470207 (370207) KANALLI KAPI SÜRGÜSÜ (220mm) / DOOR BOLT WITH GROOVE (220mm) 
470075 (370075) PASİF KANAT GİZLİ İSPANYOLET MEKANİZMA TAKIMI / TWO-WAY HIDDEN BOLT KIT FOR PASIVE SASH 	470208 (370208) PASİF KANAT İÇİN ÇİFT YÖNLÜ LEVYE KOLLU SÜRGÜ SETİ / TWO-WAY BOLT KIT WITH BIG LEVER FOR PASSIVE SASH 
470209 (370209) PASİF KANAT İÇİN MANDALLI SÜRGÜ SETİ / BOLT KIT FOR PASSIVE SASH 	470210 (370210) KÜÇÜK KAPI STOPERİ (180mm) / SMALL DOOR STOPPER (180mm) 
470211 (370211) BÜYÜK KAPI STOPERİ (350mm) / LARGE DOOR STOPPER (350mm) 	470244 (370244) ÇİFT KANAT ÜST MENTEŞE ANA GÖVDE / TOP HINGE MAIN BODY FOR PASSIVE SASH 

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

MAKAS & LİMİTÖRLER / ARM & LIMITORS

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
470109(370109) VASİSTAS MAKAS - KÜÇÜK (150mm) / BOTTOM-HUNG ARM - SMALL (150mm) 	470086 (370086) VASİSTAS MAKAS - BÜYÜK (250mm) / BOTTOM-HUNG ARM - LARGE (250mm) 
470023 (370023) TELESKOPIK MAKAS (KÜÇÜK) / TELESCOPIC ARM (SMALL) 	470024 (370024) TELESKOPIK MAKAS (ORTA) / TELESCOPIC ARM (MEDIUM) 
470025 (370025) TELESKOPIK MAKAS (BÜYÜK) / TELESCOPIC ARM (LARGE) 	

GİZLİ DIŞA AÇILIM MAKASLARI HIDDEN OUTER OPENING ARMS



			DIŞA TERS VASİSTAS AÇILIM TOP-HUNG OPENING 				DIŞA NORMAL AÇILIM SIDE-HUNG OPENING 			
KOD CODE	ÜRÜN TANIMI PRODUCT DESCRIPTION	MAKAS ARM (mm)	MAX.AÇI M.ANGLE	MAX.YÜK M.HEIGHT	MAX.GN M.WIDTH	MAX.AĞ MAX.W(kg)	MAX.AÇI M.ANGLE	MAX.YÜK M.HEIGHT	MAX.GN M.WIDTH	MAX.AĞ MAX.W(kg)
470113	12" KÜÇÜK MAKAS 12" SMALL ARM (18 MM)	259	50°	650	1500	50	50° 84°	1500	650	35
470114	16" ORTA MAKAS 16" MEDIUM ARM (18 MM)	412	30° 50°	800	1500	100 55	30° 50°/90°	1600	700	60 42
470115	12" KÜÇÜK MAKAS 12" SMALL ARM (16MM)	259	50°	650	1500	50	50° 84°	1500	650	35
470116	16" ORTA MAKAS 16" MEDIUM ARM (16MM)	412	30° 50°	800	1500	100 55	30° 50°/90°	1600	700	60 42

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

PENCERE KOLLARI / WINDOW HANDLES

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
470071 (370071) ÇİFT MAÇALI PENCERE KOLU / TWO-WAY CREMONE WINDOW HANDLE 	470098 (370098) ÇİFT MAÇALI ANAHTARLI KOL / TWO-WAY CREMONE HANDLE WITH KEY 
470070 (370070) TEK MAÇALI PENCERE KOLU / ONE-WAY CREMONE WINDOW HANDLE 	470150 (370150) TEK MAÇALI PENCERE KOLU ANAHTARLI / ONE-WAY CREMONE WINDOW HANDLE WITH KEY 
470096 (370096) SÖKÜLEBİLİR KOL / DEMOUNTABLE HANDLE 	470097 (370097) SÖKÜLEBİLİR KOL TUTAMAĞI / PULL PART FOR DEMOUNTABLE HANDLE 
470185 (370185) ROZETSİZ KOL (7mm) / HANDLE WITHOUT COVERPLATE  * 470186 MEKANİZMA İLE BİRLİKTE KULLANILIR. USING WITH 470176 INNER MECHANISM.	470186 (370186) ROZETSİZ KOL İÇ MEKANİZMASI / INNER MECHANISM FOR HANDLE WITHOUT COVERPLATE  * 470185 ROZETSİZ KOL İLE BİRLİKTE KULLANILIR. USING WITH 470185 HANDLE WITHOUT COVERPLATE.
470149 (370149) DIŞA AÇILIM KOLU (7mm KARE MAÇALI) / OUTWARD OPENING HANDLE (With 7mm SQUARE ROD)  * İÇ MEKANİZMA İLE BİRLİKTE KULLANILIR. USING WITH INNER MECHANISM.	470216 (370216) DIŞA AÇILIM KOLU (7mm KARE MAÇALI) / OUTWARD OPENING HANDLE (With 7mm SQUARE ROD)  * İÇ MEKANİZMA İLE BİRLİKTE KULLANILIR. USING WITH INNER MECHANISM.

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

PENCERE KOLLARI / WINDOW HANDLES

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGE.	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
470187 (370187) KARE MAÇALI PENCERE KOLU (7mm KARE MAÇALI) / WINDOW HANDLE WITH SQUARE ROD (With 7mm SQUARE ROD)  * 470188 İÇ MEKANİZMA İLE BİRLİKTE KULLANILIR. USING WITH 470188 INNER MECHANISM.	470189 (370189) KARE MAÇALI ANAHTARLI PENCERE KOLU DOOR & WINDOW HANDLE WITH KEY  * 470190 İÇ MEKANİZMA İLE BİRLİKTE KULLANILIR. USING WITH 470190 INNER MECHANISM.
470188 (370188) TEK YÖNLÜ İÇ MEKANİZMA / ONE-WAY INNER MECHANISM  * 470187-470189 KOL İLE BİRLİKTE KULLANILIR. USING WITH 470187 HANDLE.	470190 (370190) ZİT YÖNLÜ İÇ MEKANİZMA / TWO-WAY INNER MECHANISM  * 470189-470189 KOL İLE BİRLİKTE KULLANILIR. USING WITH 470189 HANDLE.
470148 (370148) DIŞA AÇILIR KANATLAR İÇİN İKİ YÖNLÜ KOL MEKANİZMASI / TWO-WAY MECHANISM FOR OUTWARD OPENING SASHES  * 470149 YA DA 470216 DIŞA AÇILIM KOLLARI İLE KULLANILIR. USING WITH 470149 OR 470216 OUTWARD OPENING HANDLES.	

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

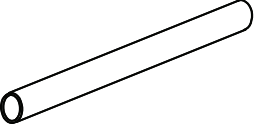
KAPI KOLLARI / DOOR HANDLES

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
470083 (370083) ÇİFT TARAFLI BASMA KAPI KOLU / DOUBLE SIDED DOOR HANDLE 	470191 (370191) TEK TARAFLI BASMA KAPI KOLU / ONE SIDED DOOR HANDLE 
470192 (370192) İRİ TUTAMAKLI ÇİFT TARAFLI BASMA KAPI KOLU / DOUBLE SIDED DOOR HANDLE WITH LARGE HANDLE 	470193 (370193) İRİ TUTAMAKLI TEK TARAFLI BASMA KAPI KOLU / ONE SIDED DOOR HANDLE WITH LARGE HANDLE 
470194 (370194) ÇİFT TARAFLI AYNALI KAPI KOLU / DOOR HANDLE WITH COVERPLATE 	470195 (370195) İRİ TUTAMAKLI ÇİFT TARAFLI AYNALI KAPI KOLU / DOOR HANDLE WITH COVERPLATE WITH LARGE HANDLE 

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

KAPI TUTAMAKLARI / DOOR HOLDERS

AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES								
KIVRIK BORU KOL / CURVED PULL HANDLE 			YARIM AY BORU KOL / C SHAPED PULL HANDLE 			U BORU KOL / U SHAPED PULL HANDLE 		
KOD/CODE	Ø (mm)	A (mm)	KOD/CODE	Ø (mm)	A (mm)	KOD/CODE	Ø (mm)	A (mm)
370154	25	200	370160	25	200	370165	25	200
370155	25	300	370161	25	300	370166	25	300
370156	25	400	370162	25	400	370167	25	400
370157	30	300	370163	30	300	370168	30	300
370158	30	350	370164	30	350	370169	30	350
370159	30	600				370170	30	400
BASTON KOL / CANE PULL HANDLE 			BANT KOL / STRIPE PULL HANDLE 			KIVRIK H KOL / CURVED H SHAPED PULL HANDLE 		
KOD/CODE	Ø (mm)	A (mm)	KOD/CODE	A (mm)		KOD/CODE	Ø (mm)	A (mm)
370171	25	900	370151	800		370177	30	500
370172	25	1000	370152	900		370178	30	750
370173	30	900	370153	1000				
370174	30	1000						
V BORU KOL / V SHAPED PULL HANDLE 			H KOL / H SHAPED PULL HANDLE 			YAY KOL / BOW PULL HANDLE 		
KOD/CODE	Ø (mm)	A (mm)	KOD/CODE	Ø (mm)	A (mm)	KOD/CODE	Ø (mm)	A (mm)
370175	25	300	370179	30	500	370181	30	500
370176	30	350	370180	40	750	370182	40	750
DÜZ BORU KOL BAĞ. APARATI - 1 / TUBE PULL HANDLE CONNECTION 			DÜZ BORU KOL BAĞ. APARATI - 2 / TUBE PULL HANDLE CONNECTION 			DÜZ BORU PROFİL / TUBE PROFILE 		
KOD/CODE	Ø (mm)		KOD/CODE	Ø (mm)		KOD/CODE	Ø (mm)	A (mm)
370183	40		370184	40		310489	40	2500

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

KAPI KİLİTLERİ & KARŞILIKLAR / DOOR LOCKS & STRIKERS

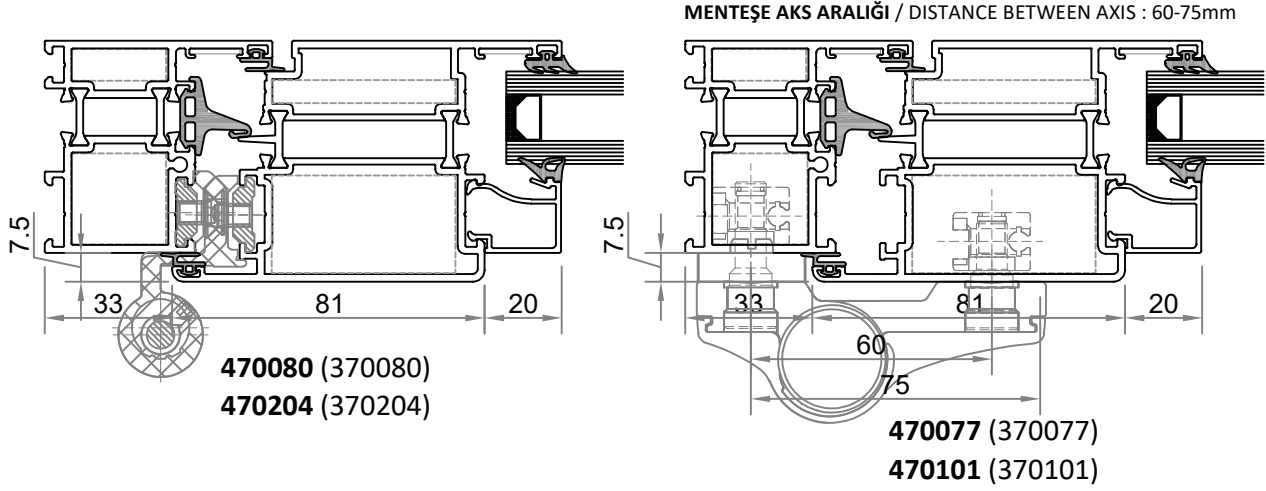
AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES	AKSESUAR KODU, ÜRÜN BİLGİLERİ VE GÖRSELLER / ACCESSORY CODE, PRODUCT DESCRIPTION AND IMAGES
470141 (370141) <i>DİLLİ KİLİT 85 x 35 mm / LOCK WITH BOLT 85 x 35 mm</i> 	470142 (370142) <i>MAKARALI KİLİT 85 x 35 mm / LOCK WITH ROLLER 85 x 35 mm</i> 
460064 (360064) <i>DİLLİ KİLİT KARŞILIĞI / STRIKER FOR LOCK WITH RAIL</i> 	460065 (360065) <i>MAKARALI KİLİT KARŞILIĞI / STRIKER FOR LOCK WITH ROLLER</i> 
470143 (370143) <i>BAREL / CYLINDER</i>  * 26-10-50=86mm BAREL (W55 İÇİN) 26-10-50=86mm CYLINDER (FOR W55)	460070 (360070) <i>BAREL ROZETİ (10mm) / CYLINDER COVER PLATE (10mm)</i> 
470201 (370201) <i>TEK TARAFI TUTAMAKLI BAREL / CYLINDER WITH ONE SIDED HOLDER</i>  * 26-10-50=86mm BAREL (W55 İÇİN) 26-10-50=86mm CYLINDER (FOR W55)	460074 (360074) <i>BAREL ROZETİ (6mm) / CYLINDER COVER PLATE (6mm)</i> 

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

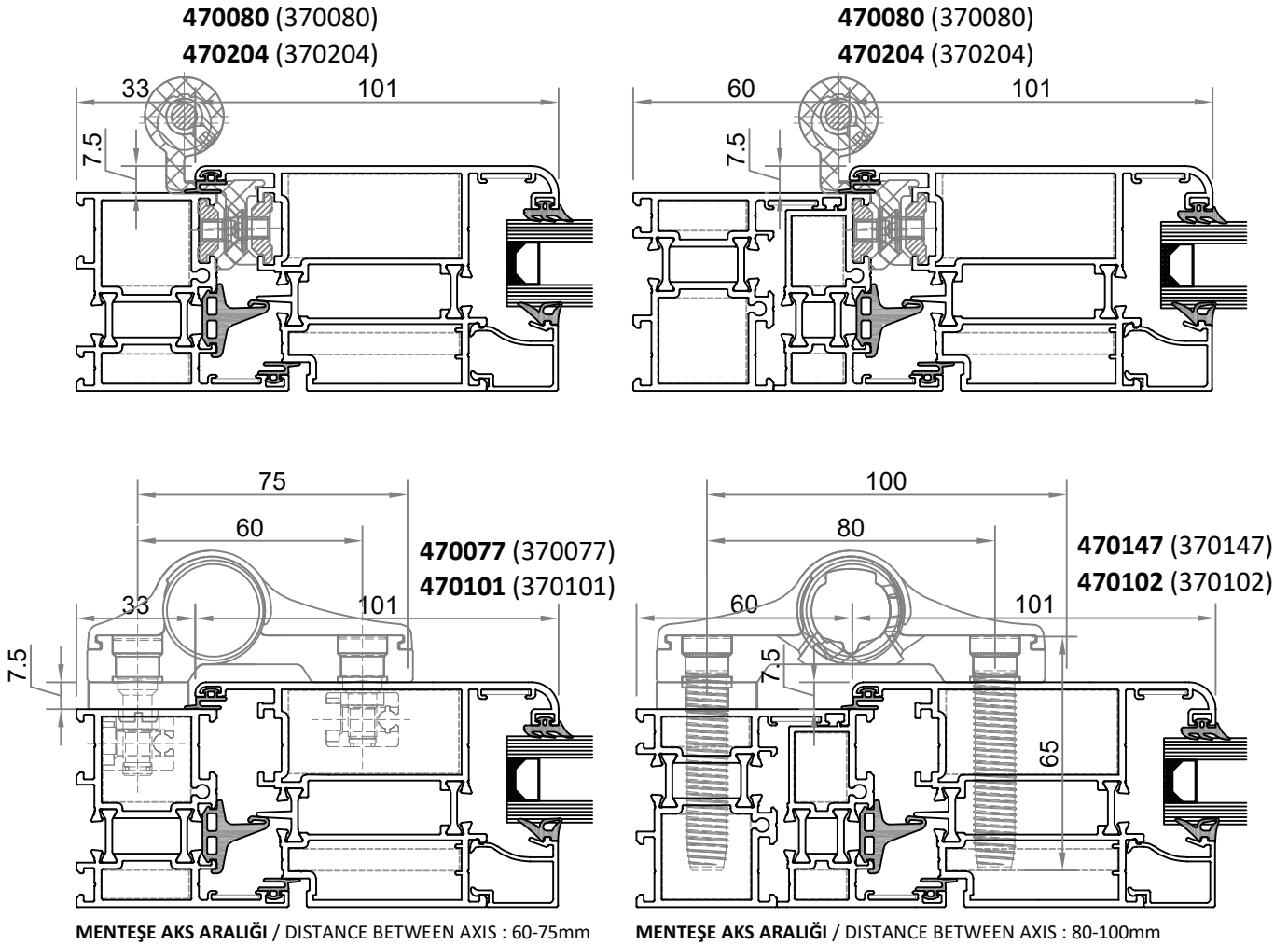
! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
! ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

KAPI MENTEŞE DETAYLARI / DOOR HINGE DETAILS

İÇE AÇILIR BİNİLİ KAPILAR / INWARD OPENING STEP HINGE DOORS



DIŞA AÇILIR BİNİLİ KAPILAR / OUTWARD OPENING STEP HINGE DOORS

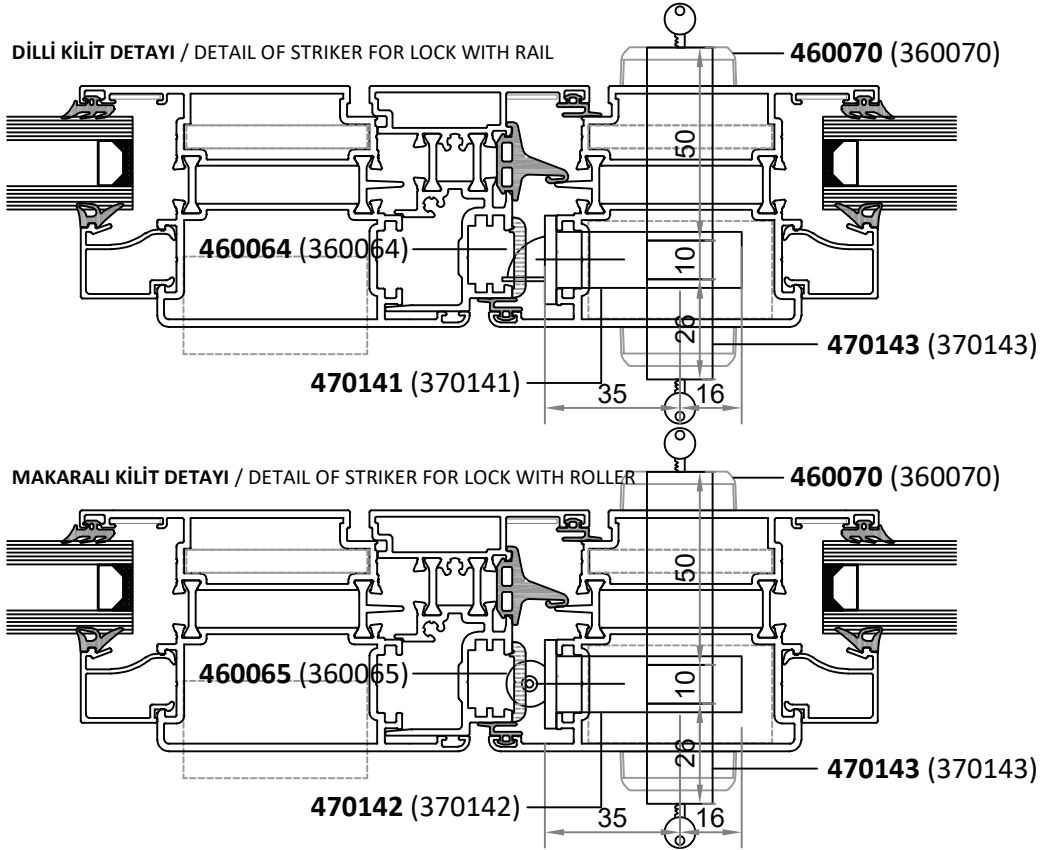


() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

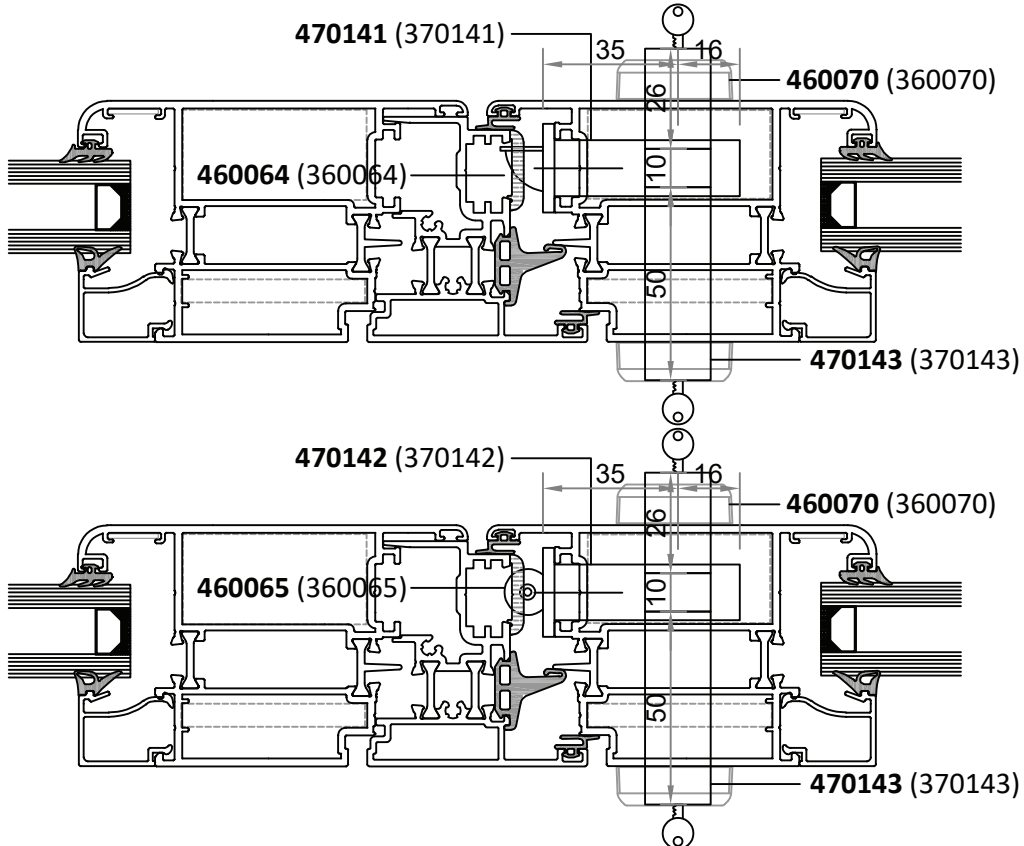
! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

KAPI KİLİTLEME DETAYLARI / DOOR LOCKING DETAILS

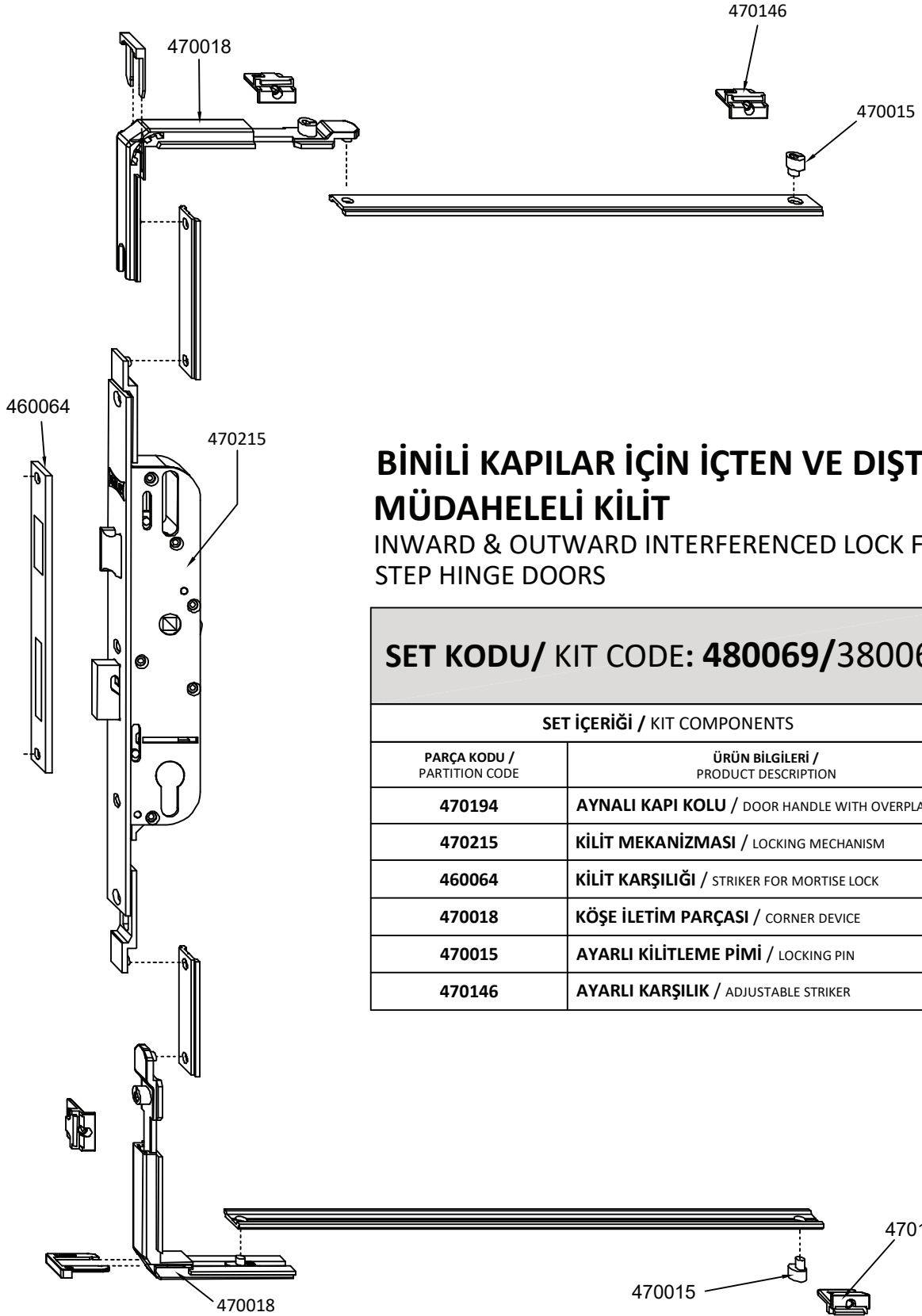
İÇE AÇILIR BİNİLİ KAPILAR / INWARD OPENING STEP HINGE DOORS



DIŞA AÇILIR BİNİLİ KAPILAR / OUTWARD OPENING STEP HINGE DOORS



KAPI KİLİTLEME SETİ / DOOR LOCKING KIT



**BİNİLİ KAPILAR İÇİN İÇTEN VE DIŞTAN
MÜDAHELELİ KİLİT**

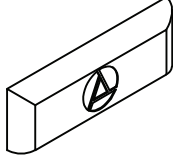
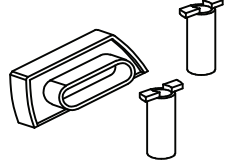
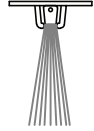
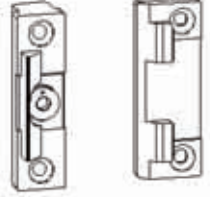
INWARD & OUTWARD INTERFERENCED LOCK FOR
STEP HINGE DOORS

SET KODU/ KIT CODE: 480069/380069

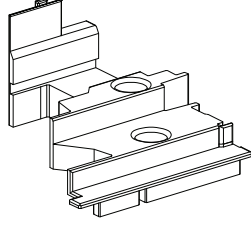
SET İÇERİĞİ / KIT COMPONENTS

PARÇA KODU / PARTITION CODE	ÜRÜN BİLGİLERİ / PRODUCT DESCRIPTION
470194	AYNALI KAPI KOLU / DOOR HANDLE WITH OVERPLATE
470215	KİLİT MEKANİZMASI / LOCKING MECHANISM
460064	KİLİT KARŞILIĞI / STRIKER FOR MORTISE LOCK
470018	KÖŞE İLETİM PARÇASI / CORNER DEVICE
470015	AYARLI KİLİTLEME PİMİ / LOCKING PIN
470146	AYARLI KARŞILIK / ADJUSTABLE STRIKER

ÇEŞİTLİ AKSESUARLAR / DIFFERENT 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
450022 (350022) SABİT TAHLİYE KAPAĞI / FIXED DRAINAGE CAP  * İSTENİLEN RENK BELİRTİLMELİDİR. (PVC) COLOUR SELECTION SHOULD BE STATED (PVC)	450057 (350057) HAVA KESİCİLİ TAHLİYE KAPAĞI / DRAINAGE CAP WITH AIR PREVENTER FLAP  * İSTENİLEN RENK BELİRTİLMELİDİR. (PVC) COLOUR SELECTION SHOULD BE STATED (PVC)
450058 (350058) CAM ALTI DESTEK TAKOZU / GLASS SUPPORT PIECE 	490035 (390035) KAPI ALTI FIRÇASI / BRUSH FOR DOOR BOTTOMS 
480503 (380503) PVC KANAL İÇİN PASİF KANAT ALT-ÜST SÜRGÜ SETİ VE KARŞILIKLARI /TOP-BOTTOM BOLT KIT AND STRIKER KIT FOR PASSIVE SASH WITH PVC GROOVE 	460076 (360076) PVC KANAL İÇİN PENCERE GİZLİ BASKISI / HIDDEN STRIKER FOR WINDOW WITH PVC GROOVE 

ÇİFT KANAT ADAPTÖR TAPALARI / ADAPTER PLUGS FOR DOUBLE SASH W.

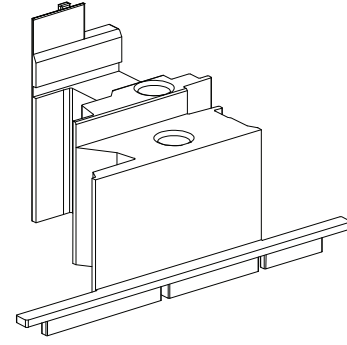
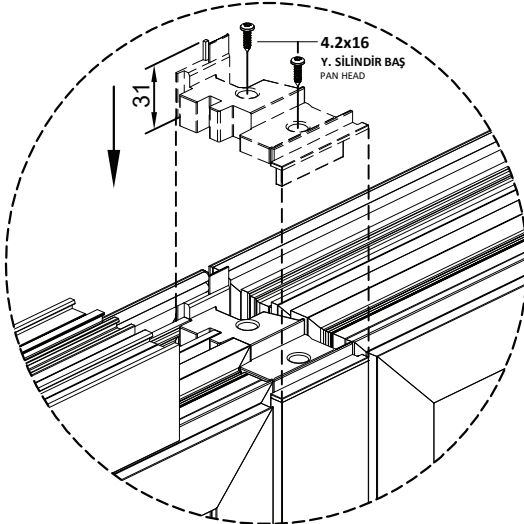
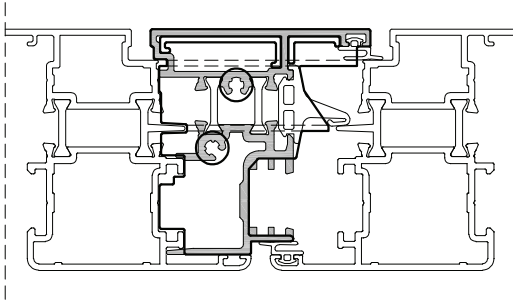
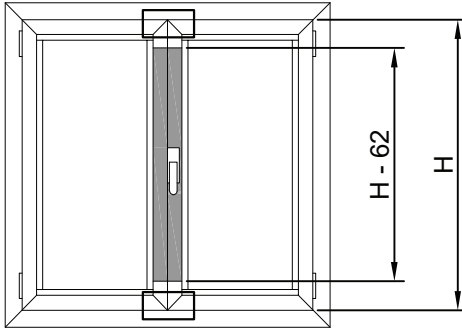


450050 (350050)

ÇİFT KANAT ADAPTÖR TAPASI

ADAPTER PLUG FOR DOUBLE SASH WINDOWS

(Alt ve üst olmak üzere ikili takımdır. / Using top and bottom one together as kit.)

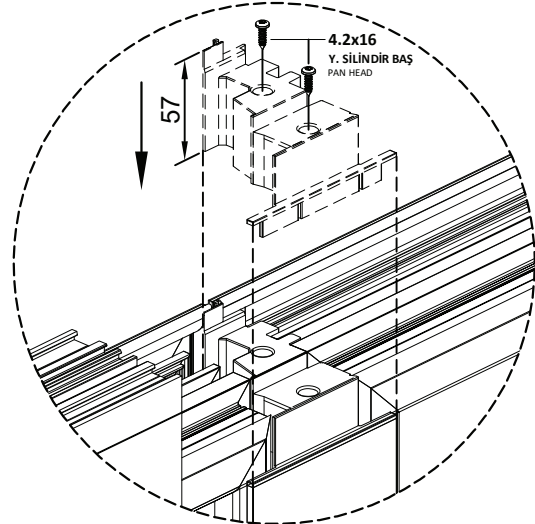
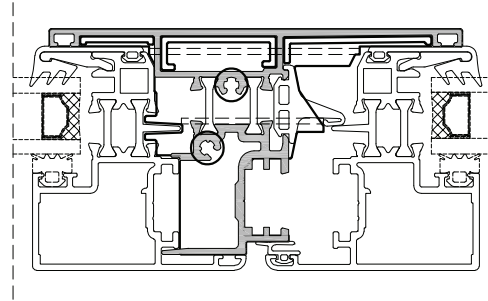
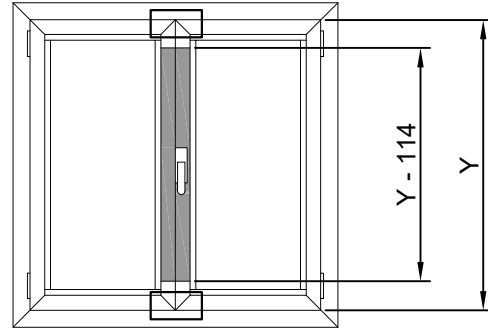


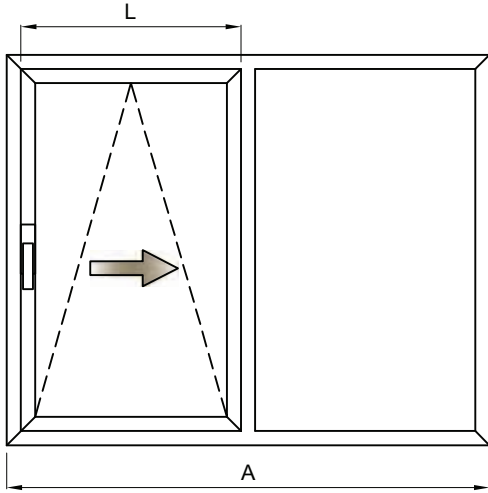
450053 (350053)

GİZLİ ÇİFT KANAT ADAPTÖR TAPASI

ADAPTER PLUG FOR DOUBLE HIDDEN SASH WINDOWS

(Alt ve üst olmak üzere ikili takımdır. / Using top and bottom one together as kit.)



EURO KANAL ÇEKME&SÜRME AKSESUAR SETİ / PARALEL SLIDE AND TILT KIT


* SİPARİŞ VERİLİRKEN ŞU BİLGİLER GEREKMEKTEDİR:

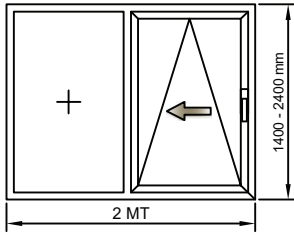
- 1-ŞEMA TİPİ NEDİR? (AŞAĞIDAKİ ŞEMALARA BAKINIZ)
- 2-YANDA GÖRÜLEN H , L , A ÖLÇÜLERİ NEDİR?
- 3-KANAT AÇILIM YÖNÜNÜ İÇTEN BAKILDIĞINDA NEDİR?

* WHEN TO ORDER, PLEASE INFORM US ABOUT THESE QUESTIONS:

- 1-WHAT IS THE SCHEME TYPE? (PLEASE LOOK BELOW SCHEME.)
- 2-WHAT ARE THESE H,L,A DIMENSIONS AS YOU CAN SEE ON LEFT SIDE?
- 3-WHAT IS THE INTERNAL OPENING DIRECTION? (LEFT OR RIGHT)

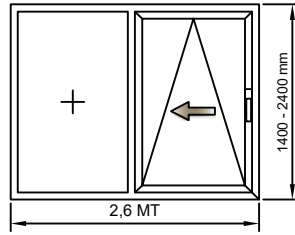
480491 (380491)

ŞEMA A / SAĞ / 2 MT RAY



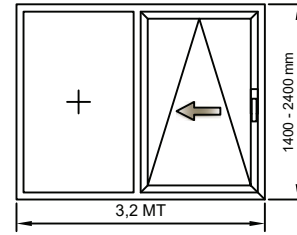
480492 (380492)

ŞEMA A / SAĞ / 2,6 MT RAY



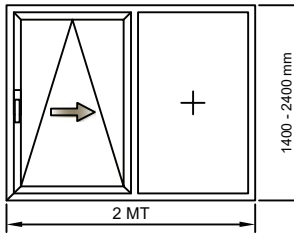
480493 (380493)

ŞEMA A / SAĞ / 3,2 MT RAY



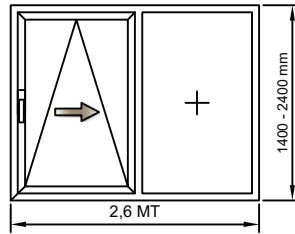
480494 (380494)

ŞEMA A / SOL / 2 MT RAY



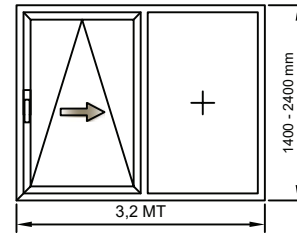
480495 (380495)

ŞEMA A / SOL / 2,6 MT RAY



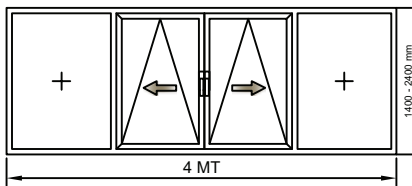
480496 (380496)

ŞEMA A / SOL / 3,2 MT RAY



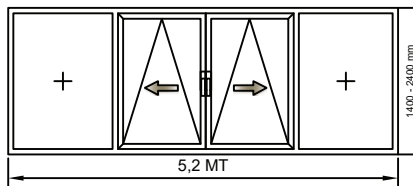
480497 (380497)

ŞEMA C / 2 MT RAY



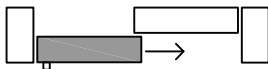
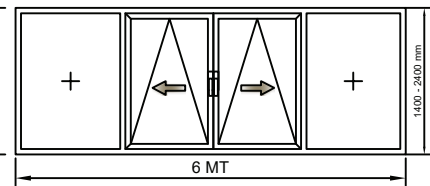
480498 (380498)

ŞEMA C / 2,6 MT RAY

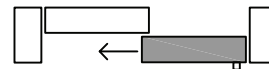


480499 (380499)

ŞEMA C / 3,2 MT RAY



DIN YÖNÜ: SOL



DIN YÖNÜ: SAĞ

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

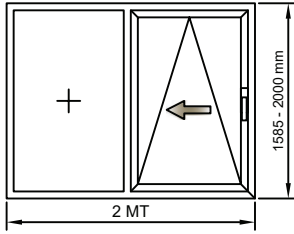
! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
! ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

PVC KANAL ÇEKME&SÜRME AKSESUAR SETİ / PARALEL SLIDE AND TILT KIT

AKSESUAR SETİ	KAPANMA YÖNÜ	KANAT YÜKSEKLİĞİ	RAY GENİŞLİĞİ		
			2,00 mt	2,60 mt	3,20 mt
TEK KANAT YARI OTOMATİK PARALEL SÜRME TAKIM TABLOSU PVC KANAL	SAĞA KAPANIR	1585-2000 mm	480473 380473	480474 380474	480475 380475
		1985-2400 mm	480476 380476	480477 380477	480478 380478
	SOLA KAPANIR	1585-2000 mm	480479 380479	480480 380480	480481 380481
		1985-2400 mm	480482 380482	480483 380483	480484 380484

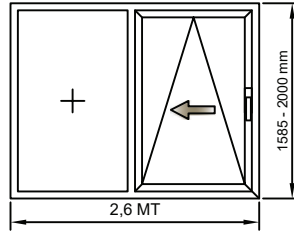
480473 (380473)

ŞEMA A / SAĞ / 2 MT RAY



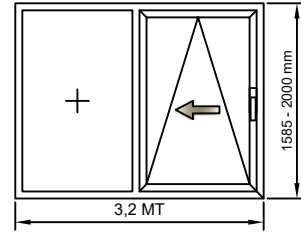
480474 (380474)

ŞEMA A / SAĞ / 2,6 MT RAY



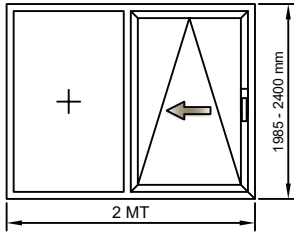
480475 (380475)

ŞEMA A / SAĞ / 3,2 MT RAY



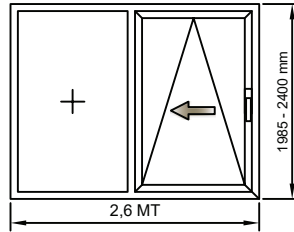
480476 (380476)

ŞEMA A / SAĞ / 2 MT RAY



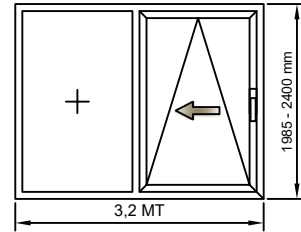
480477 (380477)

ŞEMA A / SAĞ / 2,6 MT RAY



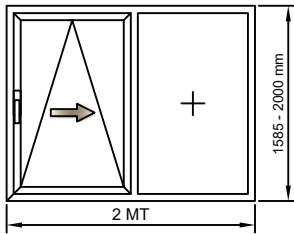
480478 (380478)

ŞEMA A / SAĞ / 3,2 MT RAY



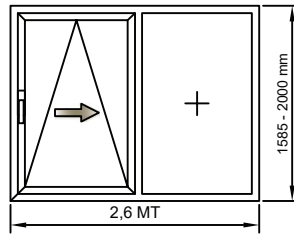
480479 (380479)

ŞEMA A / SOL / 2 MT RAY



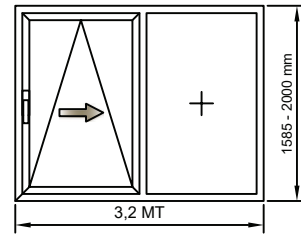
480480 (380480)

ŞEMA A / SOL / 2,6 MT RAY



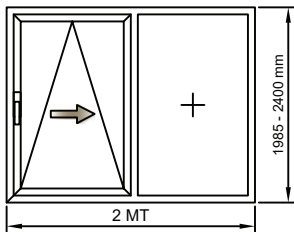
480481 (380481)

ŞEMA A / SOL / 3,2 MT RAY



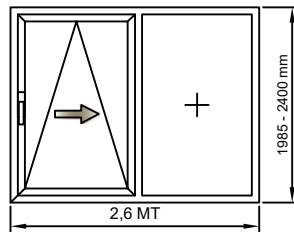
480482 (380482)

ŞEMA A / SOL / 2 MT RAY



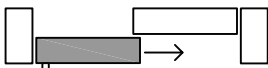
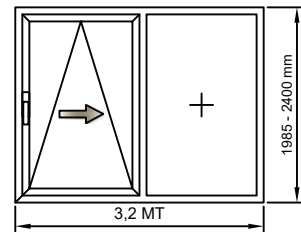
480483 (380483)

ŞEMA A / SOL / 2,6 MT RAY

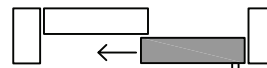


480484 (380484)

ŞEMA A / SOL / 3,2 MT RAY



DİN YÖNÜ: SOL



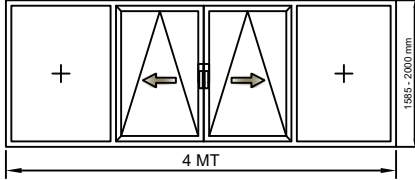
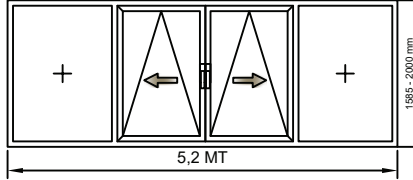
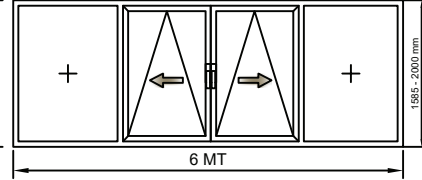
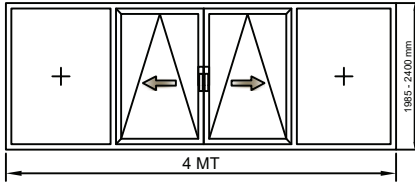
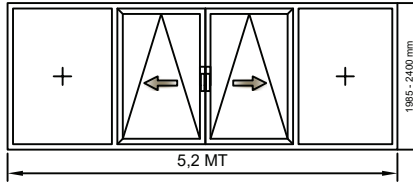
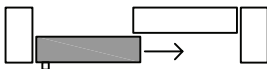
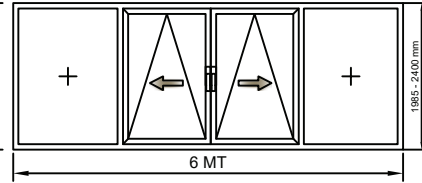
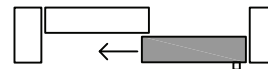
DİN YÖNÜ: SAĞ

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

PVC KANAL ÇEKME&SÜRME AKSESUAR SETİ / PARALEL SLIDE AND TILT KIT

AKSESUAR SETİ	KANAT YÜKSEKLİĞİ	RAY GENİŞLİĞİ		
		2,00 mt	2,60 mt	3,20 mt
ÇİFT KANAT (ÖPÜŞEN KANAT) YARI OTOMATİK PARALEL SÜRME TAKIM TABLOSU PVC KANAL	1585-2000 mm	480485 380485	480486 380486	480487 380487
	1985-2400 mm	480488 380488	480489 380489	480490 380490

480485 (380485)
ŞEMA C / 2 MT RAY

480486 (380486)
ŞEMA C / 2,6 MT RAY

480487 (380487)
ŞEMA C / 3,2 MT RAY

480488 (380488)
ŞEMA C / 2 MT RAY

480489 (380489)
ŞEMA C / 2,6 MT RAY

480490 (380490)
ŞEMA C / 3,2 MT RAY

DIN YÖNÜ: SOL

DIN YÖNÜ: SAĞ

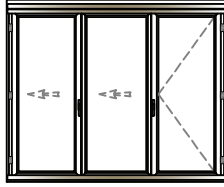
() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

EŞİKLİ KATLANIR KAPI AKSESUAR SETLERİ / FOLDING DOOR WITH SILL ACCESSORY KIT

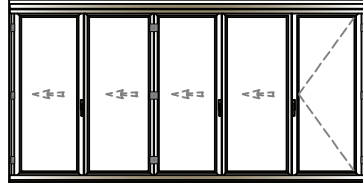
480054 (380054)

(321) 2 katlanır & 1 tek açılım kanadı /
2 fold & 1 side hung sash



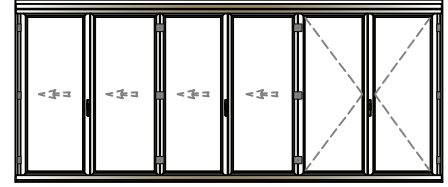
480055 (380055)

(541) 4 katlanır & 1 tek açılım kanadı /
4 fold & 1 side hung sash



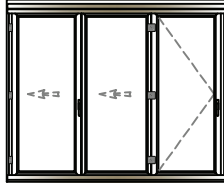
480056 (380056)

651 katlanır & 1 pasif & 1 aktif tek açılım kanadı /
4 fold & 1 passive & 1 active side hung sash



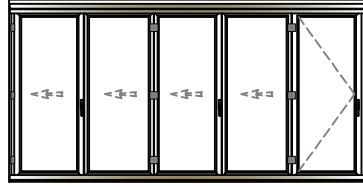
480057 (380057)

(330) 2 katlanır & 1 tek açılım kanadı /
2 fold & 1 side hung sash



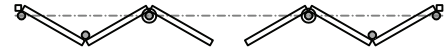
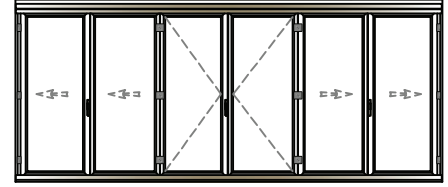
480058 (380058)

(550) 4 katlanır & 1 tek açılım kanadı /
4 fold & 1 side hung sash



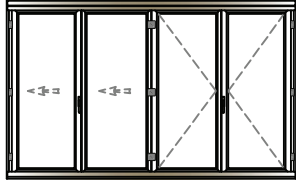
480059 (380059)

(633) 4 katlanır & 1 pasif & 1 aktif tek açılım kanadı /
4 fold & 1 passive & 1 active side hung sash



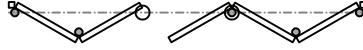
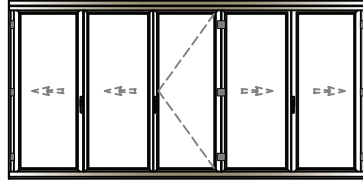
480060 (380060)

(431) 2 katlanır & 1 pasif & 1 aktif tek açılım kanadı /
2 fold & 1 passive & 1 active side h.



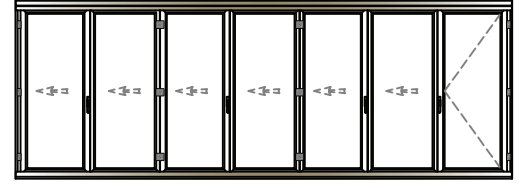
480061 (380061)

(532) 4 katlanır & 1 tek açılım kanadı /
4 fold & 1 side hung sash



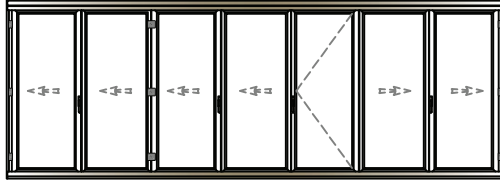
480062 (380062)

(761) 6 katlanır & 1 tek açılım kanadı /
6 fold & 1 side hung sash



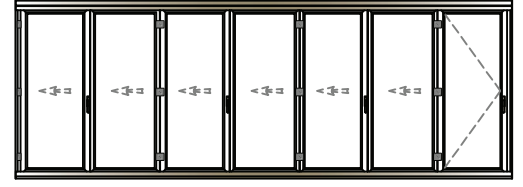
480063 (380063)

(743) 6 katlanır & 1 tek açılım kanadı /
6 fold & 1 side hung sash



480064 (380064)

(770) 6 katlanır & 1 tek açılım kanadı /
6 fold & 1 side hung sash



*KANATLAR MAKSİMUM 80 KG AĞIRLIĞINDA , GENİŞLİKLERİ 400-1000 MM , YÜKSEKLİKLERİ 730-2400 MM
ARALIĞINDA YAPILABİLİR. GEÇİŞ KANADI İSTEĞE GÖRE TEK VEYA ÇİFT AÇILIM YAPILABİLİR.

*MAX. CAPACITY OF EACH VENT: 80 KG , VENT WIDTH: 400-1000 MM , VENT HEIGHT: 730-2400 MM
THE GATE VENT CAN BE PRODUCED SIDE HUNG OR TILT AND TURN OPENING AS YOUR CHOICE.

*SİPARİŞ VERİLİRKEN ŞU BİLGİLER GEREKMEKTEDİR / WHEN TO ORDER, PLEASE INFORM US ABOUT THESE QUESTIONS:

- 1-ŞEMA TİPİ NEDİR? / WHAT IS THE SCHEME TYPE?
- 2-KANAT VE DOĞRAMA ÖLÇÜLERİ NEDİR? / VENT AND FRAME DIMENSIONS AS YOU CAN SEE ON LEFT SIDE?
- 3-KANAT AÇILIM YÖNÜNÜ İÇTEN BAKILDIĞINDA NEDİR? / WHAT IS THE INTERNAL OPENING DIRECTION?
- 4-DİŞ KOL İLE KİLİTLEME İSTENİYOR MU? / DO YOU WANT OUTER HANDLE WITH LOCK?
- 5-MEKANİZMA EŞİKLİ Mİ EŞİKSİZ Mİ OLACAK? / WHETHER THE MECHANISM IS WITH OR WITHOUT THRESHOLD.

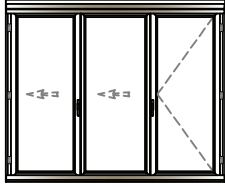
* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

EŞİKSİZ KATLANIR KAPI AKSESUAR SETLERİ / FOLDING DOOR WITHOUT SILL ACCESSORY KIT

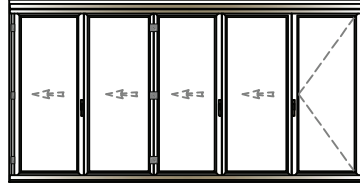
480078 (380078)

(321)2 katlanır & 1 tek açılım kanadı /
2 fold & 1 side hung sash



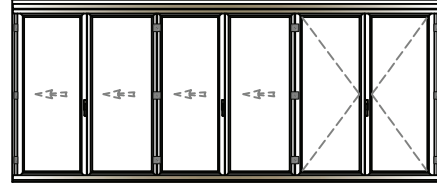
480079(380079)

(541)4 katlanır & 1 tek açılım kanadı /
4 fold & 1 side hung sash



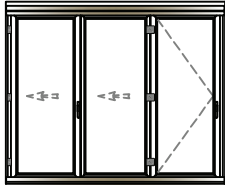
480080(380080)

651 katlanır & 1 pasif & 1 aktif tek açılım kanadı /
4 fold & 1 passive & 1 active side hung sash



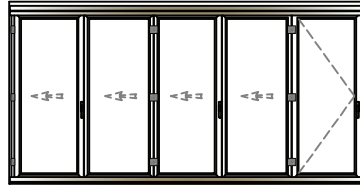
480081(380081)

(330) 2 katlanır & 1 tek açılım kanadı /
2 fold & 1 side hung sash



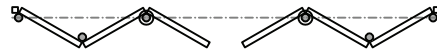
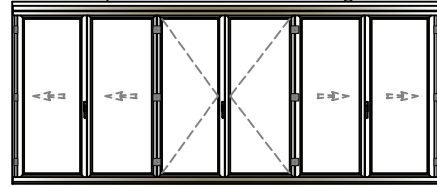
480082(380082)

(550)4 katlanır & 1 tek açılım kanadı /
4 fold & 1 side hung sash



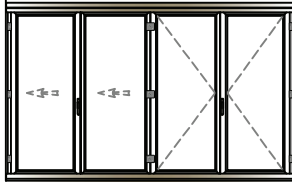
480083(380083)

(633)4 katlanır & 1 pasif & 1 aktif tek açılım kanadı /
4 fold & 1 passive & 1 active side hung sash



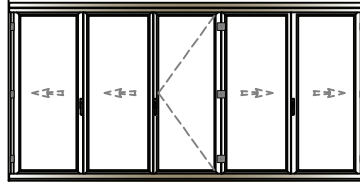
480084(380084)

(431)2 katlanır&1 pas.&1 akt. tek aç./
2 fold&1 passive&1 active side h.



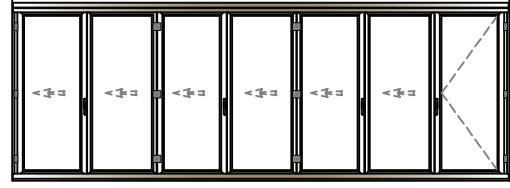
480085(380085)

(532)4 katlanır & 1 tek açılım kanadı /
4 fold & 1 side hung sash



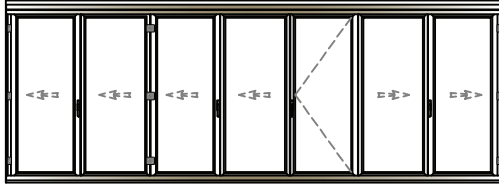
480086(380086)

(761)6 katlanır & 1 tek açılım kanadı /
6 fold & 1 side hung sash



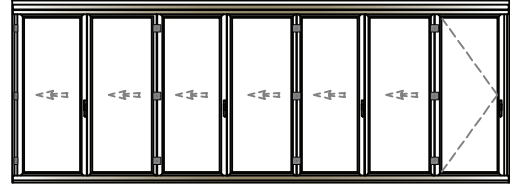
480087(380087)

(743)6 katlanır & 1 tek açılım kanadı /
6 fold & 1 side hung sash



480088(380088)

(770) 6 katlanır & 1 tek açılım kanadı /
6 fold & 1 side hung sash



***KANATLAR MAKSİMUM 80 KG AĞIRLIĞINDA , GENİŞLİKLERİ 400-1000 MM , YÜKSEKLİKLERİ 730-2400 MM ARALIĞINDA YAPILABİLİR. GEÇİŞ KANADI İSTEĞE GÖRE TEK VEYA ÇİFT AÇILIM YAPILABİLİR.**

*MAX. CAPACITY OF EACH VENT: 80 KG , VENT WIDTH: 400-1000 MM , VENT HEIGHT: 730-2400 MM
THE GATE VENT CAN BE PRODUCED SIDE HUNG OR TILT AND TURN OPENING AS YOUR CHOICE.

***SİPARİŞ VERİLİRKEN ŞU BİLGİLER GEREKMEKTEDİR / WHEN TO ORDER, PLEASE INFORM US ABOUT THESE QUESTIONS:**

- 1-ŞEMA TİPİ NEDİR? / WHAT IS THE SCHEME TYPE?
- 2-KANAT VE DOĞRAMA ÖLÇÜLERİ NEDİR? / VENT AND FRAME DIMENSIONS AS YOU CAN SEE ON LEFT SIDE?
- 3-KANAT AÇILIM YÖNÜNÜ İÇTEN BAKILDIĞINDA NEDİR? / WHAT IS THE INTERNAL OPENNING DIRECTION?
- 4-DIŞ KOL İLE KİLİTLEME İSTENİYOR MU? / DO YOU WANT OUTER HANDLE WITH LOCK?
- 5-MEKANİZMA EŞİKLİ Mİ EŞİKSİZ Mİ OLACAK? / WHETHER THE MECHANISM IS WITH OR WITHOUT THRESHOLD.

*** () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.**
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

PANİK KOLLU KAPI AKSESUARLARI / PANIC EXIT ACCESSORIES

PANİK KOLLU KAPILARI İÇİN MEKANİZMA SETLERİ DEVICE KITS FOR PANIC EXIT DOORS

TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI			
YÜZEYDEN MONTAJ	470326 (370326)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ (YÜZEYDEN MONTAJLI) / SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK (SURFACE MOUNTED)	



TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI - DIŞ MÜDAHELE KOLLU - BARELSİZ			
YÜZEYDEN MONTAJ	470326 (370326)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ (YÜZEYDEN MONTAJLI) / SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK (SURFACE MOUNTED)	
	470327 (370327)	PANİK KAPI DIŞ MÜDAHALE KOLU (BARELSİZ) / PANIC EXIT OUTSIDE INTERFERENCE HANDLE (WITHOUT CYLINDER)	



TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI			
YÜZEYDEN MONTAJ	470326 (370326)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ (YÜZEYDEN MONTAJLI) / SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK (SURFACE MOUNTED)	
	470328 (370328)	PANİK KAPI DIŞ MÜDAHALE KOLU (KENDİNDEN BARELLİ) / PANIC EXIT OUTSIDE INTERFERENCE HANDLE (INCLUDES CYLINDER)	



TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - GÖMME KİLİTLİ - ALÜMİNYUM			
GÖMME KİLİTLİ SİSTEM	470329 (370329)	TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - ALÜMİNYUM (GÖMME KİLİTLİ TİP) / SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK - ALUMINIUM (WITH EMBEDDED LOCK)	
	470330 (370330)	PANİK KAPI DAR GÖMME KİLİT - 40 MM PANIC EXIT NARROW EMBEDDED LOCK - 40mm	



TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - GÖMME KİLİT - ALÜMİNYUM - DIŞ MÜDAHALE KOLLU			
GÖMME KİLİT SİSTEM	470329 (370329)	TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - ALÜMİNYUM (GÖMME KİLİTLİ TİP) / SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK - ALUMINIUM (WITH EMBEDDED LOCK)	
	470330 (370330)	PANİK KAPI DAR GÖMME KİLİT - 40 MM PANIC EXIT NARROW EMBEDDED LOCK - 40mm	
	470331 (370331)	PANİK KAPI DIŞ MÜDAHALE KOLU - (GÖMME KİLİT TİP) PANIC EXIT DEVICE KIT OUTSIDE INTERFERENCE HANDLE (WITH EMBEDDED LOCK)	
	470332 (370332)	PANİK KAPI KARE DEMİR / PANIC EXIT SQUARE ROD	



* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

PANİK KOLLU KAPI AKSESUARLARI / PANIC EXIT ACCESSORIES

PANİK KOLLU KAPILARI İÇİN MEKANİZMA SETLERİ DEVICE KITS FOR PANIC EXIT DOORS

TEK KANAT - TEK NOKTADAN KİLİTLEMELİ PANİK KAPI - GÖMME KİLİT - DIŞ MÜDAHELE KOLLU - BARELLİ-PLASTİK			
GÖMME KİLİT SİSTEM	470333 (370333)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - PLASTİK (GÖMME KİLİTLİ TİP) SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK - PLASTIC (WITH EMBEDDED LOCK)	
	470334 (370334)	PANİK KAPI DIŞ MÜDAHELE KOLU - BAREL DELİKLİ - PANIC EXIT DEVICE KIT OUTSIDE INTERFERENCE HANDLE WITH CYLINDER PORT	
	470335 (370335)	PANİK KAPI YARIM BAREL - 55MM PANIC EXIT HALF CYLINDER - 55mm	
	470330 (370330)	PANİK KAPI DAR GÖMME KİLİT - 40 MM PANIC EXIT NARROW EMBEDDED LOCK - 40mm	
	470332 (370332)	PANİK KAPI KARE DEMİR / PANIC EXIT SQUARE ROD	



TEK KANAT - TEK NOKTADAN KİLİTLEMELİ PANİK KAPI - GÖMME KİLİT - DIŞ MÜDAHELE KOLLU - BARELLİ-ALÜMİNYUM			
GÖMME KİLİT SİSTEM	470329 (370329)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - PLASTİK (GÖMME KİLİTLİ TİP) SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK - PLASTIC (WITH EMBEDDED LOCK)	
	470334 (370334)	PANİK KAPI DIŞ MÜDAHELE KOLU - BAREL DELİKLİ - PANIC EXIT DEVICE KIT OUTSIDE INTERFERENCE HANDLE WITH CYLINDER PORT	
	470335 (370335)	PANİK KAPI YARIM BAREL - 55MM PANIC EXIT HALF CYLINDER - 55mm	
	470330 (370330)	PANİK KAPI DAR GÖMME KİLİT - 40 MM PANIC EXIT NARROW EMBEDDED LOCK - 40mm	
	470332 (370332)	PANİK KAPI KARE DEMİR / PANIC EXIT SQUARE ROD	



TEK KANAT - ÇİFT NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI			
YÜZEYDEN MONTAJ	470336 (370336)	TEK KANAT - ÇİFT NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI - 2400 MM / SINGLE SASH PANIC EXIT DEVICE KIT WITH DOUBLE POINT LOCK (SURFACE MOUNTED-2400mm)	



(*) TEK KANAT - ÇİFT NOKTADAN KİLİTLEMELİ PANİK KAPI - YÜZEYDEN MONTAJLI - DIŞ MÜDAHELE KOLLU - BARELLİ			
YÜZEYDEN MONTAJ	470337 (370337)	TEK KANAT - ÇİFT NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI - (DIŞ MÜDAHELE KOLLU TİP) - 2400 MM / SINGLE SASH PANIC EXIT DEVICE KIT WITH DOUBLE POINT LOCK (OUTSIDE INTERFERENCE HANDLE-2400mm)	
	470338 (370338)	PANİK BAR ARA ADAPTÖR PARÇASI PANIC EXIT MIDDLE ADAPTER PIECE	
	470328 (370328)	PANİK KAPI DIŞ MÜDAHELE KOLU - KENDİNDEN BARELLİ PANIC EXIT OUTSIDE INTERFERENCE HANDLE (INCLUDES CYLINDER)	



*Bu set istendiğinde mutlaka sağ sol yön belirtilmelidir.

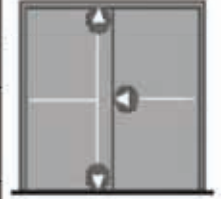
() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

PANİK KOLLU KAPI AKSESUARLARI / PANIC EXIT ACCESSORIES

PANİK KOLLU KAPILARI İÇİN MEKANİZMA SETLERİ DEVICE KITS FOR PANIC EXIT DOORS

ÇİFT KANAT - ÇİFT NOKTADAN KİLİTLEMELİ PANİK KAPI - YÜZEYDEN MONTAJLI - DIŞ MÜDAHALE KOLLU - BARELLİ			
YÜZEYDEN MONTAJ	470336 (370336)	TEK KANAT - ÇİFT NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI - 2400 MM / SINGLE SASH PANIC EXIT DEVICE KIT WITH DOUBLE POINT LOCK (SURFACE MOUNTED-2400mm)	
	470326 (370326)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ (YÜZEYDEN MONTAJLI) / SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK (SURFACE MOUNTED)	
	470328 (370328)	PANİK KAPI DIŞ MÜDAHALE KOLU - KENDİNDEN BARELLİ PANIC EXIT OUTSIDE INTERFERENCE HANDLE (INCLUDES CYLINDER)	



PANİK KOLLU KAPILARI İÇİN AKSESUAR KOD LİSTEDİ ACCESSORY CODE LIST FOR PANIC HANDLE DOORS

470326 (370326)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ (YÜZEYDEN MONTAJLI) / SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK (SURFACE MOUNTED)
470327 (370327)	PANİK KAPI DIŞ MÜDAHALE KOLU (BARELSİZ) / PANIC EXIT OUTSIDE INTERFERENCE HANDLE (WITHOUT CYLINDER)
470328 (370328)	PANİK KAPI DIŞ MÜDAHALE KOLU - KENDİNDEN BARELLİ PANIC EXIT OUTSIDE INTERFERENCE HANDLE (INCLUDES CYLINDER)
470329 (370329)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - PLASTİK (GÖMME KİLİTLİ TİP) SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK - PLASTIC (WITH EMBEDDED LOCK)
470330 (370330)	PANİK KAPI DAR GÖMME KİLİT - 40 MM PANIC EXIT NARROW EMBEDDED LOCK - 40mm
470331 (370331)	PANİK KAPI DIŞ MÜDAHALE KOLU - (GÖMME KİLİTLİ TİP) PANIC EXIT DEVICE KIT OUTSIDE INTERFERENCE HANDLE (WITH EMBEDDED LOCK)
470332 (370332)	PANİK KAPI KARE DEMİR / PANIC EXIT SQUARE ROD
470333 (370333)	TEK KANAT TEK NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - PLASTİK (GÖMME KİLİTLİ TİP) SINGLE SASH PANIC EXIT DEVICE KIT WITH ONE POINT LOCK - PLASTIC (WITH EMBEDDED LOCK)
470334 (370334)	PANİK KAPI DIŞ MÜDAHALE KOLU - BAREL DELİKLİ - PANIC EXIT DEVICE KIT OUTSIDE INTERFERENCE HANDLE WITH CYLINDER PORT
470335 (370335)	PANİK KAPI YARIM BAREL - 55MM PANIC EXIT HALF CYLINDER - 55mm
470336 (370336)	TEK KANAT - ÇİFT NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI - 2400 MM / SINGLE SASH PANIC EXIT DEVICE KIT WITH DOUBLE POINT LOCK (SURFACE MOUNTED-2400mm)
470337 (370337)	TEK KANAT - ÇİFT NOKTADAN KİLİTLEMELİ PANİK KAPI SETİ - YÜZEYDEN MONTAJLI - (DIŞ MÜDAHALE KOLLU TİP) - 2400 mm/ SINGLE SASH PANIC EXIT DEVICE KIT WITH DOUBLE POINT LOCK (OUTSIDE INTERFERENCE HANDLE-2400mm)
470338 (370338)	PANİK BAR ARA ADAPTÖR PARÇASI PANIC EXIT MIDDLE ADAPTER PIECE

KAPI KAPATICILARI / DOOR CLOSERS

TİP / TYPE	KOD / CODE	GÜÇ / FORCE	MAX. EN
1	490036	EN 4	1100
	490037	EN 2/4	1100
2	490038	EN 3/4	950
	490039	EN 3	950
	490040	EN 2-4	1100
	490041	EN 2-5	1250
3	490042	EN 1-4	1100
	490043	EN 2/3/4	1100

TİP-1 DİRSEK KOLLU KAPI KAPATICI
TYPE-1 DOOR CLOSER ELBOW ARM

TİP-2 KAYAR KOLLU KAPI KAPATICI
TYPE-2 DOOR CLOSER WITH SLIDING ARM

TİP-3 ZEMİNE GÖMME KAPI KAPATICI
TYPE-3 CONCEALED DOOR CLOSER

TİP-1 KAPI KAPATICI
TYPE-1 DOOR CLOSER



TİP-1 KAPI KAPATICI
TYPE-1 DOOR CLOSER



TİP-2 KAPI KAPATICI
TYPE-2 DOOR CLOSER



TİP-2 KAPI KAPATICI
TYPE-2 DOOR CLOSER



TİP-2 KAPI KAPATICI
TYPE-2 DOOR CLOSER



TİP-2 KAPI KAPATICI
TYPE-2 DOOR CLOSER



TİP-3 KAPI KAPATICI
TYPE-3 DOOR CLOSER



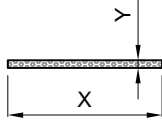
TİP-3 KAPI KAPATICI
TYPE-3 DOOR CLOSER



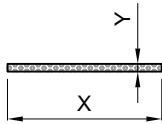
* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

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



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



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

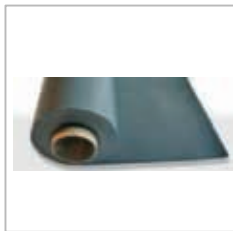
ÇİFT TARAFLI BANT
DOUBLE-SIDE STICK



EPDM MEMBRAN
INSULATION MEBRANE



PVC MEMBRAN
INSULATION MEBRANE



POLİSTİK BANT 15x45
POLYSTIC TAPE



ŞİŞEN BANT 10x10-17MM
POLYURETHANE FOAM TAPE



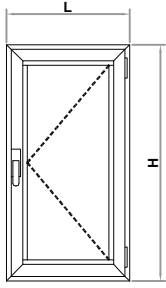
W55 GİZLİ KANAT YALITIM SÜNGERİ
INSULATION FOAM FOR W55 HIDDEN SASH

490082 (390082)



İMALAT 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.



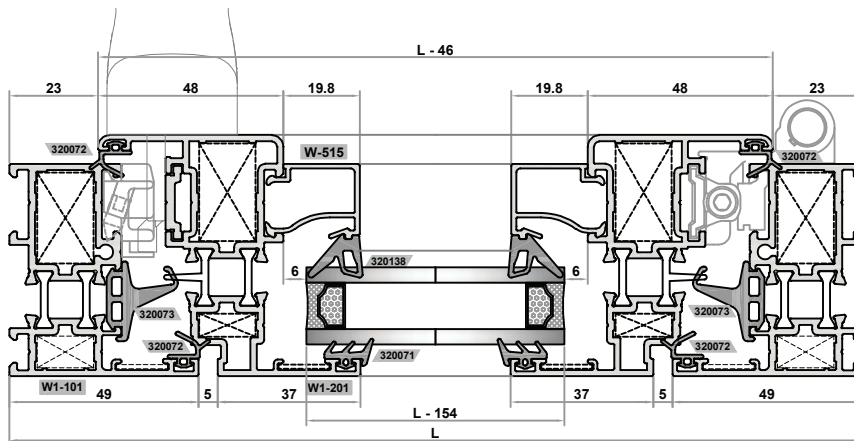
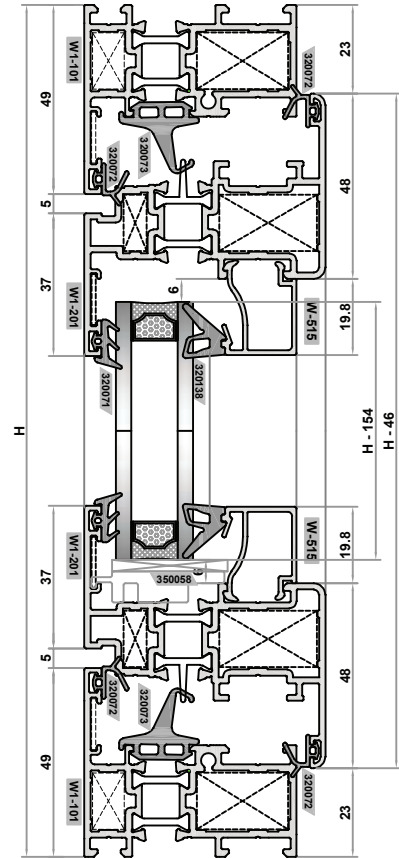
TEK AÇILIM PENCERE SIDE HUNG OPENING WINDOW

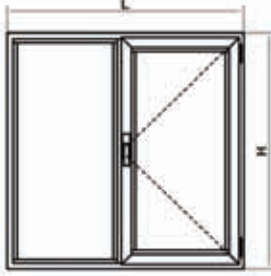
PROFİLLER / PROFILES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	W1-101	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	W1-101	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	W1-201	DÜŞEY KANAT / VERTICAL VENT	H - 46	45°/45°
2	W1-201	YATAY KANAT / HORIZONTAL VENT	L - 46	45°/45°
2	W-515	DÜŞEY CAM ÇİTASI / VERT. GLAZING BEAD	H - 182	90°/90°
2	W-515	YATAY CAM ÇİTASI / HOR. GLAZING BEAD	L - 142	90°/90°
2	W1-508	TİJİ PROFİLİ / CONNECTION ROAD PROFILE	H + L	90°/90°

AKSESUARLAR / ACCESSORIES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	380027	TEK AÇILIM SETİ / SIDE HUNG OPENING KIT	-
-	320138	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2L + 2H
-	320073	ORTA BİNİ FİTİLİ / CENTRAL STEP GASKET	2L + 2H
-	320071	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 2H
-	320072	BİNİ FİTİLİ / STEP GASKET	4L + 4H
4	330038	TOZLUK VULKANİZESİ / CENTRAL VULCANISED CORNER	-
4	310241	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310242	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310243	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	310244	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
8	310112	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	350057	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-
1	360016	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	-
2	350058	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-

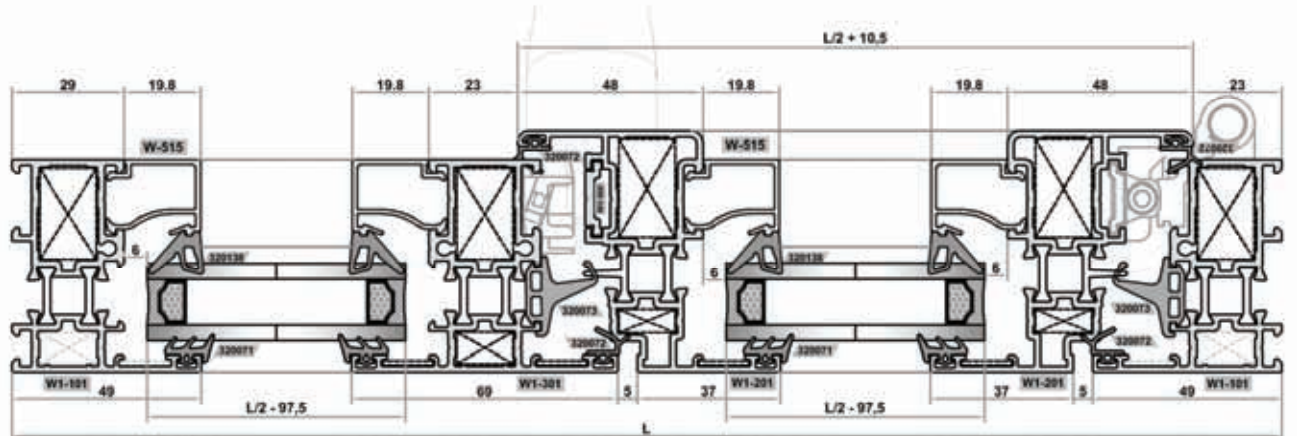
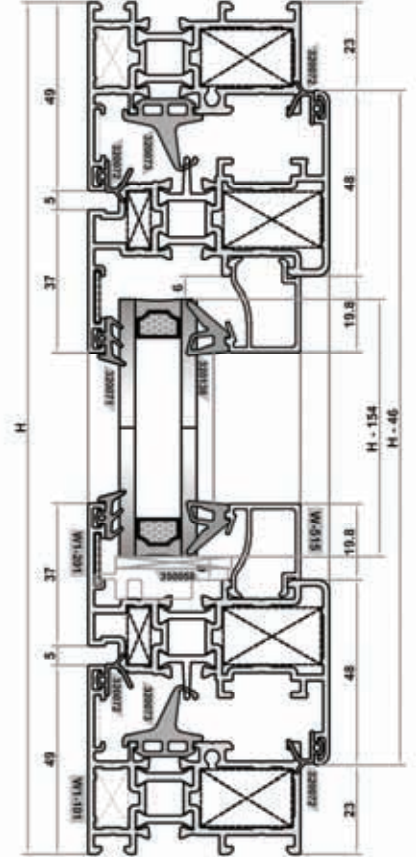


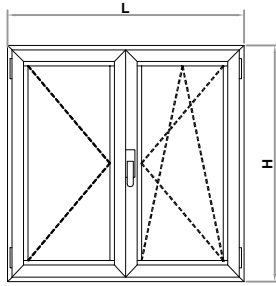


TEK TARAFI SABİTLİ TEK AÇILIM PENCERE
ONE SIDE FIXED SIDE HUNG OPENING WINDOW

PROFİLLER / PROFILES				
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	W1-101	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	W1-101	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	W1-201	DÜŞEY KANAT / VERTICAL VENT	H - 46	45°/45°
2	W1-201	YATAY KANAT / HORIZONTAL VENT	L/2 + 10,5	45°/45°
1	W1-301	ORTA KAYIT PROFİLİ / TRANSOM PROFILE	H - 58	90°/90°
2	W-515	DÜŞEY CAM ÇİTASI / VERT. GLAZING BEAD	H - 182	90°/90°
2	W-515	DÜŞEY CAM ÇİTASI / VERT. GLAZING BEAD	H - 98	90°/90°
4	W-515	YATAY CAM ÇİTASI / HOR. GLAZING BEAD	L/2 - 85,5	90°/90°
2	W1-508	TU PROFİLİ / CONNECTION ROAD PROFILE	H + L	90°/90°

AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	380027	TEK AÇILIM SETİ / SIDE HUNG OPENING KIT	"
"	320138	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2L + 4H
"	320073	ORTA BİNE FİTİLİ / CENTRAL STEP GASKET	L + 2H
"	320071	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 4H
"	320072	BİNE FİTİLİ / STEP GASKET	2L + 4H
4	330038	TOZLUK VULKANİZESİ / CENTRAL VULCANISED CORNER	"
4	310341	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	"
4	310342	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	"
4	310343	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	"
4	310344	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	"
2	310364	ORTA KAYIT BAĞLANTISI (T) / TRANSOM CONNECTION (T)	"
2	310452	ORTA KAYIT BAĞLANTISI (U) / TRANSOM CONNECTION (U)	"
8	310112	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	"
4	350057	TAHLÜYE KAPAĞI / DRAINAGE SLOT COVER	"
1	360016	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	"
4	350058	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	"

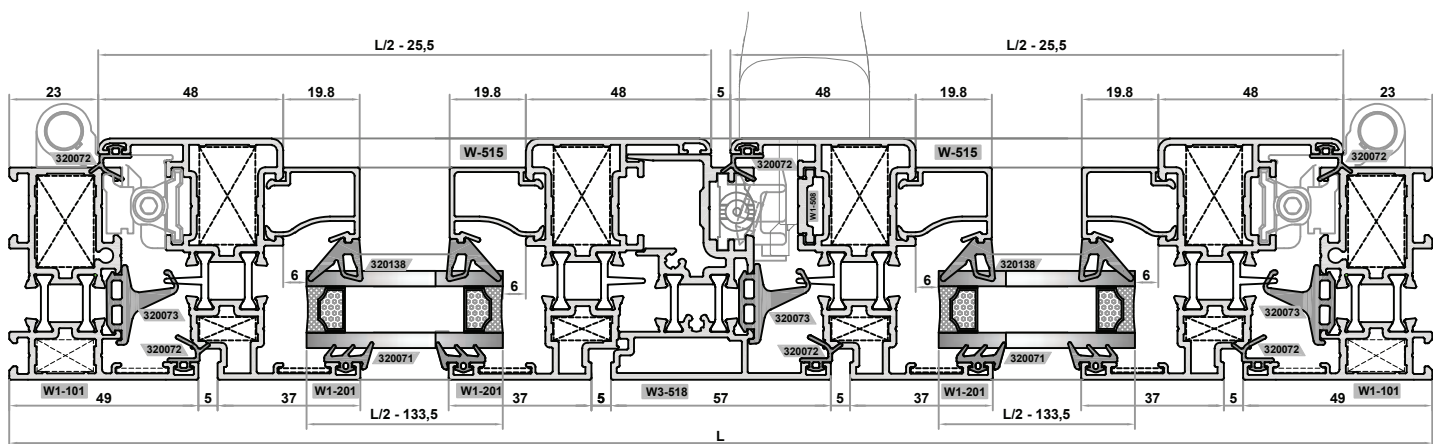
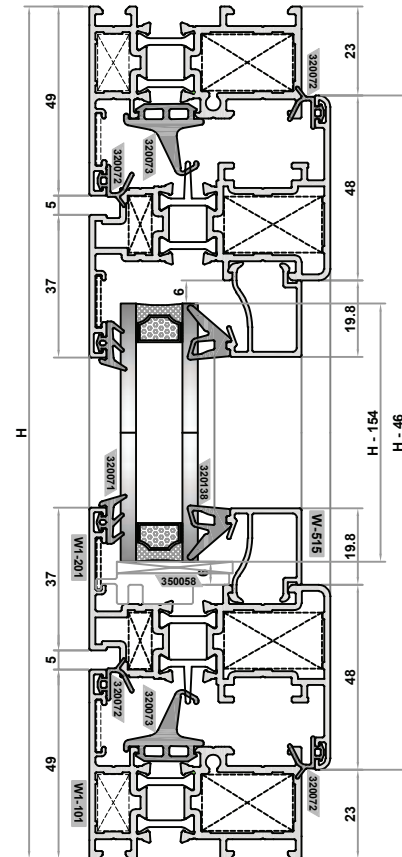


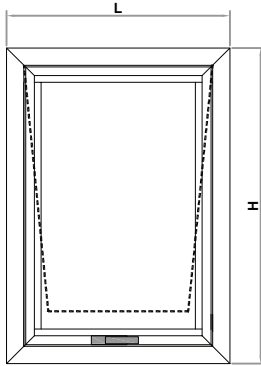


ÇİFT KANATLI ÇİFT AÇILIM PENCERE
DOUBLE SASH TILT&TURN OPENING WINDOW

PROFİLER / PROFILES				
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	W1-101	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	W1-101	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
4	W1-201	DÜŞEY KANAT / VERTICAL VENT	H - 46	45°/45°
4	W1-201	YATAY KANAT / HORIZONTAL VENT	L/2 - 25,5	45°/45°
4	W-515	DÜŞEY CAM ÇİTASI / VERT. GLAZING BEAD	H - 182	90°/90°
4	W-515	YATAY CAM ÇİTASI / HOR. GLAZING BEAD	L/2 - 121,5	90°/90°
1	W3-518	ÇİFT KANAT ADAPTÖR PR. / ADAPTER PR.	H - 108	90°/90°
2	W1-508	TÜ PROFİLİ / CONNECTION ROAD PROFILE	H + L	90°/90°

AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	380089	ÇİFT AÇILIM SETİ / <i>TILT AND TURN KIT</i>	-
-	320138	İÇ CAM FİTİLİ / <i>INNER GLAZING GASKET</i>	2L + 4H
-	320073	ORTA BİNİ FİTİLİ / <i>CENTRAL STEP GASKET</i>	2L + 3H
-	320071	DIŞ CAM FİTİLİ / <i>OUTER GLAZING GASKET</i>	2L + 4H
-	320072	BİNİ FİTİLİ / <i>STEP GASKET</i>	4L + 6H
4	330038	TOZLUK VULKANİZESİ / <i>CENTRAL VULCANISED CORNER</i>	-
4	310241	KASA KÖŞE TAKOZU / <i>CORNER CLEAT FOR FRAME</i>	-
4	310242	KASA KÖŞE TAKOZU / <i>CORNER CLEAT FOR FRAME</i>	-
8	310243	KANAT KÖŞE TAKOZU / <i>CORNER CLEAT FOR VENT</i>	-
8	310244	KANAT KÖŞE TAKOZU / <i>CORNER CLEAT FOR VENT</i>	-
12	310112	KÖŞE ÇAVUŞU / <i>CORNER ALIGNMENT</i>	-
4	350057	TAHLİYE KAPAĞI / <i>DRAINAGE SLOT COVER</i>	-
2	360016	KANAT SARKMA TAKOZU / <i>CHOCK FOR VENTS</i>	-
4	350058	CAM ALTI DESTEK PARÇASI / <i>GLAZING SUPPORT PIECE</i>	-
1	350050	ÇİFT KANAT ADAPTÖR TAPA SETİ / <i>PLUG KIT FOR ADAPTER</i>	-

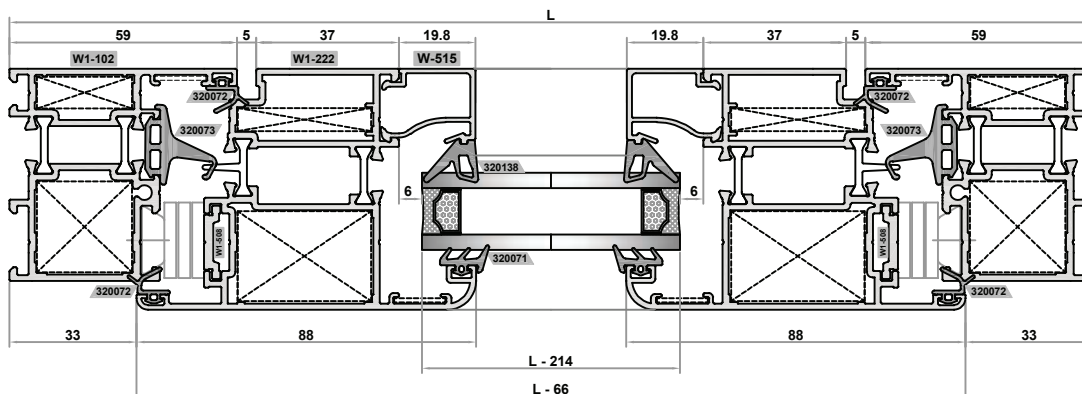
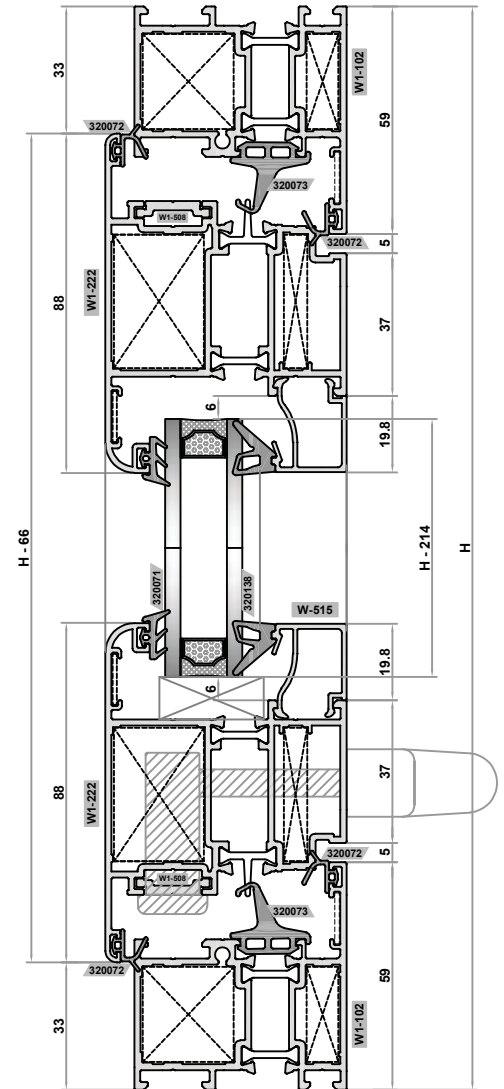


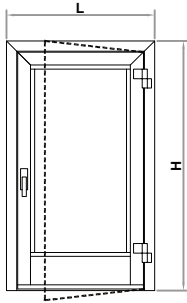


DIŞA AÇILIR PENCERE
OUTWARD OPENING WINDOW

PROFİLLER / PROFILES				
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	W1-102	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	W1-102	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	W1-222	DÜŞEY KANAT / VERTICAL VENT	H - 66	45°/45°
2	W1-222	YATAY KANAT / HORIZONTAL VENT	L - 66	45°/45°
2	W-515	DÜŞEY CAM ÇİTASI / VERT. GLAZING BEAD	H - 242	90°/90°
2	W-515	YATAY CAM ÇİTASI / HOR. GLAZING BEAD	L - 202	90°/90°
2	W1-508	TİJ PROFİLİ / CONNECTION ROAD PROFILE	H + L	90°/90°

AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	470114	16" GİZLİ DIŞA AÇILIM MAKASI / 16" HID. OUT. OPEN. ARM	-
1	470149	DIŞA AÇILIM KOLU / OUTWARD OPENING HANDLE	-
1	470148	İKİ YÖNLÜ KOL MEKANİZMASI / TWO-WAY MECHANISM	-
4	470015	AYARLI PİM / ADJUSTABLE PIN	-
4	470146	AYARLI KARŞILIK / ADJUSTABLE STRIKER	-
2	470018	KÖŞE DÖNÜŞ AKTARMASI / CORNER TRANSFER DEVICE	-
-	320138	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2L + 2H
-	320073	ORTA BİNI FİTİLİ / CENTRAL STEP GASKET	2L + 2H
-	320071	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 2H
-	320072	BİNI FİTİLİ / STEP GASKET	4L + 4H
4	330038	TOZLUK VULKANİZESİ / CENTRAL VULCANISED CORNER	-
4	310254	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310255	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310264	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	310449	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
8	310112	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	350057	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-

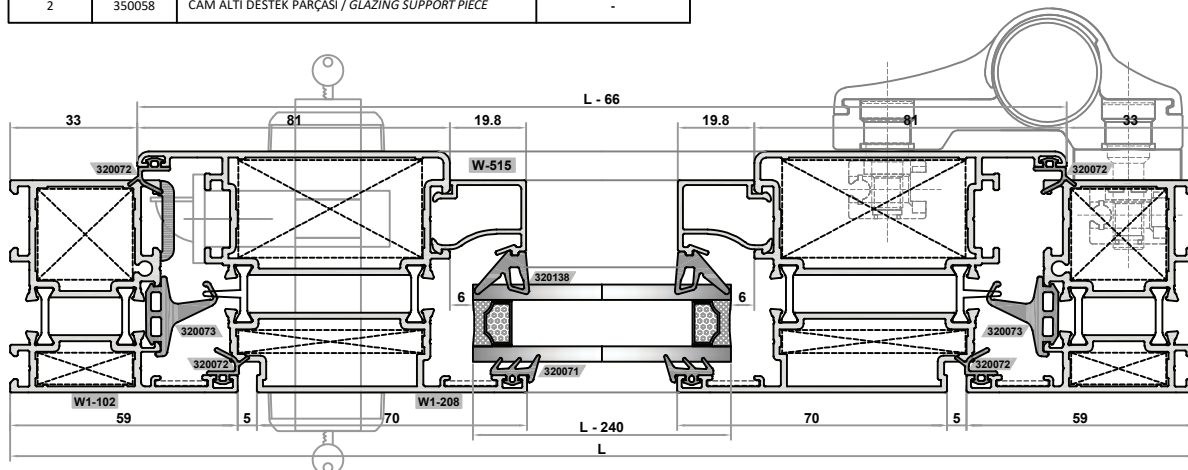
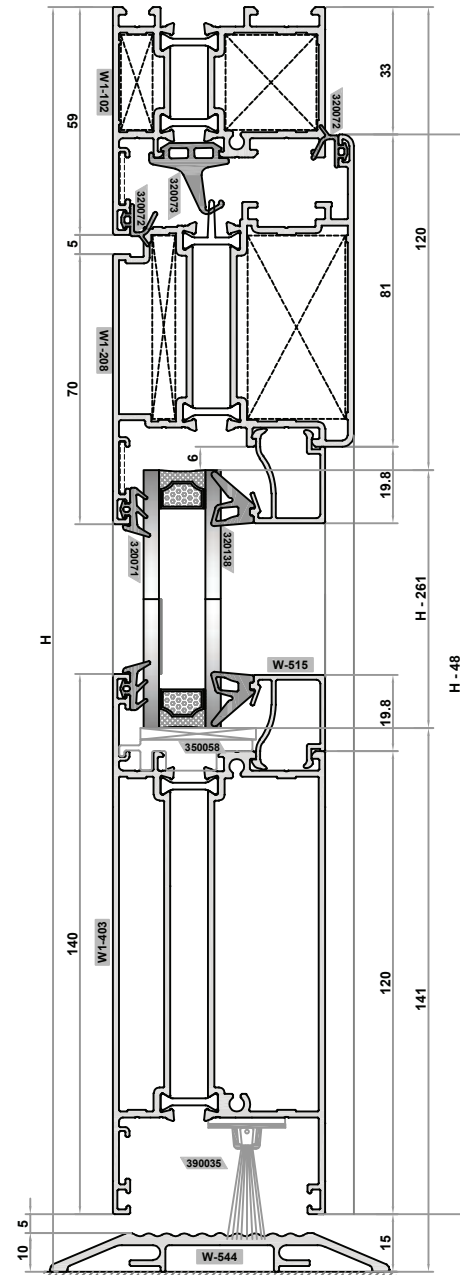


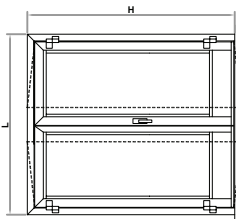


İÇE AÇILIR KAPI
INWARD OPENING DOOR

PROFİLLER / PROFILES				
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KEŞİM ÖLÇÜSÜ CUTTING SIZE	KEŞİM AÇISI CUTTING ANGLE
2	W1-102	DÜŞEY KASA / VERTICAL FRAME	H	45°/90°
1	W1-102	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	W1-208	DÜŞEY KANAT / VERTICAL VENT	H - 48	45°/90°
1	W1-208	YATAY KANAT / HORIZONTAL VENT	L - 66	45°/45°
1	W1-403	ETEK PROFİLİ / SILL PROFILE	L - 228	90°/90°
2	W-515	DÜŞEY CAM ÇİTASI / VERT. GLAZING BEAD	H - 289	90°/90°
2	W-515	YATAY CAM ÇİTASI / HOR. GLAZING BEAD	L - 228	90°/90°
1	W-544	EŞİK PROFİLİ / THRESHOLD PROFILE	L - 78	90°/90°

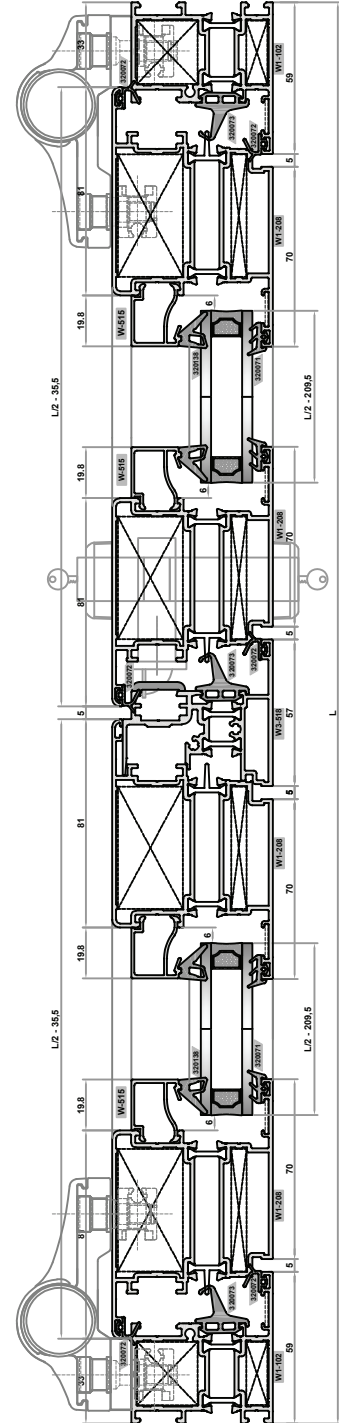
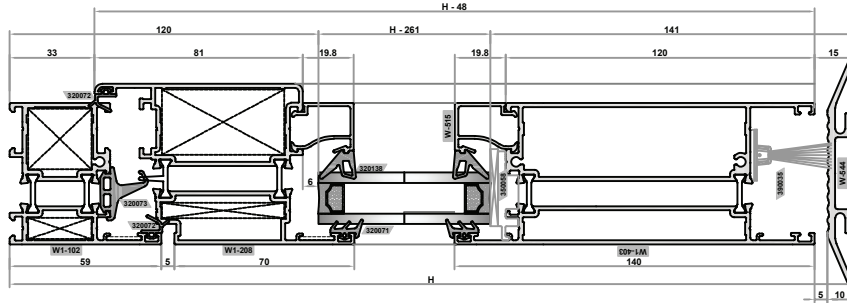
AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
2	370077	İKİ YAPRAKLI KAPI MENTEŞESİ / <i>HINGE WITH TWO LEAVES</i>	-
2	370079	KAPI MENTEŞESİ İÇİN MONTAJ KİTİ / <i>COUNTERPLATE KIT</i>	-
1	370194	ÇİFT TARAFALI AYNALI KAPI KOLU / <i>D. HANDLE COVERPLATE</i>	-
1	370141	DİLLİ KİLİT 85 x35 mm / <i>LOCK WITH BOLT 85 x 35 mm</i>	-
1	360064	DİLLİ KİLİT KARŞILIĞI / <i>STRIKER FOR LOCK WITH RAIL</i>	-
1	370144	BAREL / <i>CYLINDER</i>	-
1	360070	BAREL ROZETİ (10mm) / <i>CYLINDER COVER PLATE (10mm)</i>	-
-	320138	İÇ CAM FİTİLİ / <i>INNER GLAZING GASKET</i>	2L + 2H
-	320073	ORTA BİNİ FİTİLİ / <i>CENTRAL STEP GASKET</i>	L + 2H
-	320071	DIŞ CAM FİTİLİ / <i>OUTER GLAZING GASKET</i>	2L + 2H
-	320072	BİNİ FİTİLİ / <i>STEP GASKET</i>	2L + 4H
-	390035	KAPI ALTI FIRÇASI / <i>BRUSH FOR DOOR BOTTOMS</i>	L - 100
2	330038	TOZLUK VULKANİZESİ / <i>CENTRAL VULCANISED CORNER</i>	-
2	310254	KASA KÖŞE TAKOZU / <i>CORNER CLEAT FOR FRAME</i>	-
2	310255	KASA KÖŞE TAKOZU / <i>CORNER CLEAT FOR FRAME</i>	-
2	310271	KANAT KÖŞE TAKOZU / <i>CORNER CLEAT FOR VENT</i>	-
2	310272	KANAT KÖŞE TAKOZU / <i>CORNER CLEAT FOR VENT</i>	-
2	310375	ORTA KAYIT BAĞLANTISI (T) / <i>TRANSOM CONNECTION (T)</i>	-
2	310482	ORTA KAYIT BAĞLANTISI (U) / <i>TRANSOM CONNECTION (U)</i>	-
4	310112	KÖŞE ÇAVUŞU / <i>CORNER ALIGNMENT</i>	-
2	350058	CAM ALTI DESTEK PARÇASI / <i>GLAZING SUPPORT PIECE</i>	-



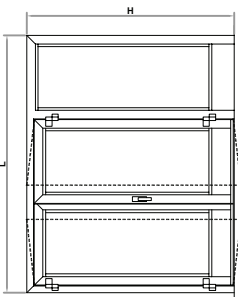


İÇE AÇILIR ÇİFT KANATLI KAPI
INWARD OPENING DOUBLE SASH DOOR

PROFİLER / PROFILES				
ADİT UNIT	KOD CODE	TAKIMA DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
	1	1 W1-102 DÜŞER AĞSAL / HORIZONTAL FRAME	H	45/90°
	1	1 W1-102 DÜŞER AĞSAL / HORIZONTAL FRAME	L	45/75°
	4	4 W1-208 DÜŞER AĞSAL / VERTICAL POST	H-48	45/90°
	2	2 W1-208 YAYRAN AĞSAL / HORIZONTAL VERT	L/2-35,5	45/75°
	2	2 W1-403 ETEK PROFİLİ / SKIRT PROFILE	L/2-19,5	90/90°
	1	1 W3-510 ÇİFT KANTAR DÜŞER / 2 ADAPTER PR.	H-79	90/90°
	4	4 W1-515 DÜŞER CAM ÇİKİSİ / VERT. GLAZING BEAD	H-280	90/90°
	4	4 W1-515 YAYRAN CAM ÇİKİSİ / HORIZONTAL GLAZING BEAD	L/2-19,5	90/90°
	2	2 W1-544 ESKİ PROFİLİ / THRESHOLD PROFILE	L-78	90/90°

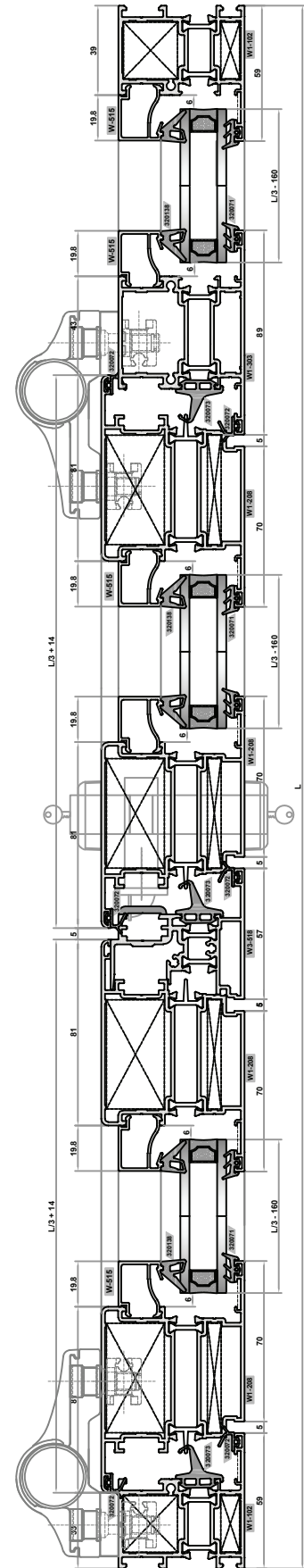
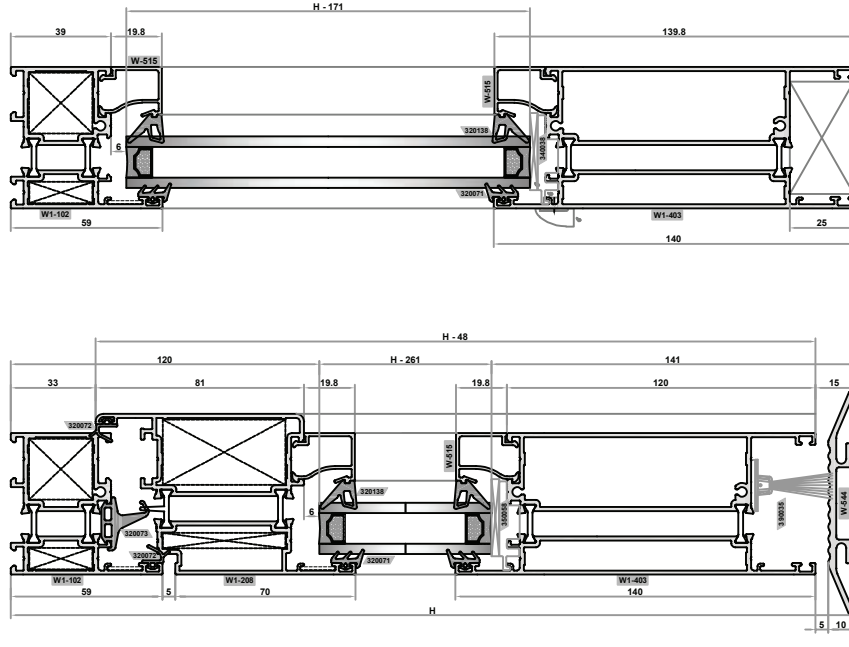
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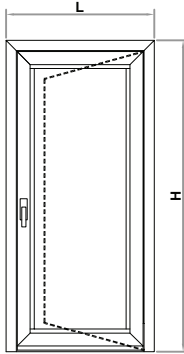
TEK TARAFLI SABİTLİ İÇE AÇILIR ÇİFT KANATLI KAPI
ONE SIDE FIXED INWARD OPENING DOUBLE SASH DOOR



PROFİLER / PROFILES				
ADIT UNIT	KOD CODE	TANIMI DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
	W1-102	DÜŞÜK AĞIRLIKLI VERTİKAL PANE	H	45/90°
	W1-102	DÜŞÜK AĞIRLIKLI HORIZONTAL PANE	L	45/90°
1	W1-202	YATAY KANAT / HORIZONTAL VİNYL	H	45/90°
4	W1-202	YATAY KANAT / HORIZONTAL VİNYL	L	45/90°
2	W1-208	YATAY KANAT / HORIZONTAL VİNYL	L/3 x L/4	45/90°
	W1-303	ORTA KANTİTATİF / TRANSİON PROFİLİ	H - 39	90/90°
2	W1-403	KANAT ETER PROFİLİ / SASH AL PROFILE	L/2 - 148	90/90°
1	W1-403	SABİT ETER PROFİLİ / FIXED SASH AL PROFILE	L/3 - 148	90/90°
1	W3-518	ÇİFT KANAT ADAPTOR / ADAPTOR PIR	H - 81	90/90°
4	W-515	DÜŞÜK ÇAM ÇİTAS / VİNYL GLAZİNG HEAD	H - 289	90/90°
2	W-515	DÜŞÜK ÇAM ÇİTAS / VİNYL GLAZİNG HEAD	H - 199	90/90°
6	W-515	YATAY ÇAM ÇİTAS / HORIZ. GLAZİNG HEAD	L/3 - 148	90/90°
1	W-544	EĞİM PROFİLİ / INCLINED HEAD	L - L/31 x 21	90/90°

ADDET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
4	330077	HE YAKARAK KAM MANTISLER / HEDGE WITH TWO LANCES	-
4	330079	KAM MANTISLERİN MONTAJ KİTİ / COUNTERPART KIT	-
1	330104	KP TIRAKLI AYVALI KAM KOLU / D. HANDLE COUPLERATE	-
1	330141	DİLLİ DİTİS 25 mm / LOCK WITH BELL 25 x 20 mm	-
1	330064	DİLLİ KİLİT KASİTESİ / STRIKER FOR LOCK WITH RAIL	-
1	330144	BABEL ÇYAKOZ	-
1	330070	BABEL KÖZÜTİ 10mm / CYLINDER CORN PLATE (10mm)	-
2	330027	KANALI KAM SÜRGÜSÜ / DOOR BOLT WITH GROOVE	-
-	330138	İÇ KAM FİTİLİ / INNER GLAZING GASKET	21 x 6H
-	330073	ORTA BİTİLİ FİTİL / CENTRAL STEP GASKET	1 x 2H
-	330071	DİS KAM FİTİLİ / OUTER GLAZING GASKET	21 x 6H
-	330075	BİTİL FİTİL / STEP GASKET	21 x 6H
-	330005	KAP ALTI FİTİLCİ / BRUSH FOR DOOR BOTTOMS	2X3
2	330008	TOLUK VULANİZLERİ / CENTRAL VULCANIZED CORNER	-
2	330124	KAMA KÖŞE TAMDIZ / CORNER CLIP FOR FRAME	-
2	330125	KAMA KÖŞE TAMDIZ / CORNER CLIP FOR FRAME	-
4	330121	KAMAT KÖŞE TAMDIZ / CORNER CLIP FOR UNIT	-
4	330122	KAMAT KÖŞE TAMDIZ / CORNER CLIP FOR UNIT	-
1	330186	ORTA KAVTİ BAĞLANTISI / TRANSOM CONNECTION (T)	-
1	330435	ORTA KAVTİ BAĞLANTISI (U) / TRANSOM CONNECTION (U)	-
6	330175	ORTA KAVTİ BAĞLANTISI FİTİLİ / TRANSOM CONNECTION FİTİLİ	-
6	330482	ORTA KAVTİ BAĞLANTISI FİTİLİ / TRANSOM CONNECTION FİTİLİ	-
6	330112	KÖŞE ÇUVULU / CORNER ALIGNMENT	-
2	330057	TAYLUC KAMASİ / DAMPAGE SLOT COVER	-
6	330058	KAP ALTI DİTER PAZÇASI / GLAZING SUPPORT PAZCE	-
1	330009	ÇET KAP DİTER PAZÇASI / BRUSH FOR DOOR BOTTOM	-

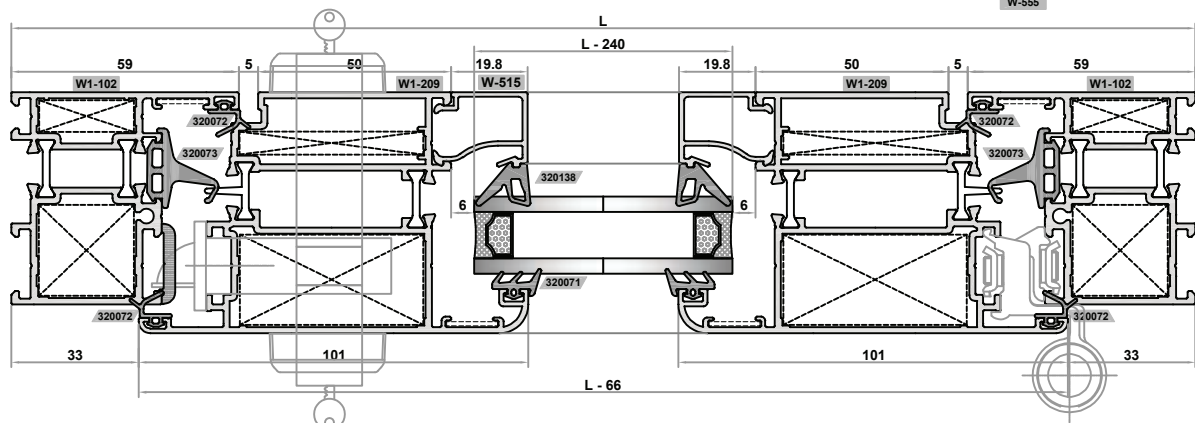
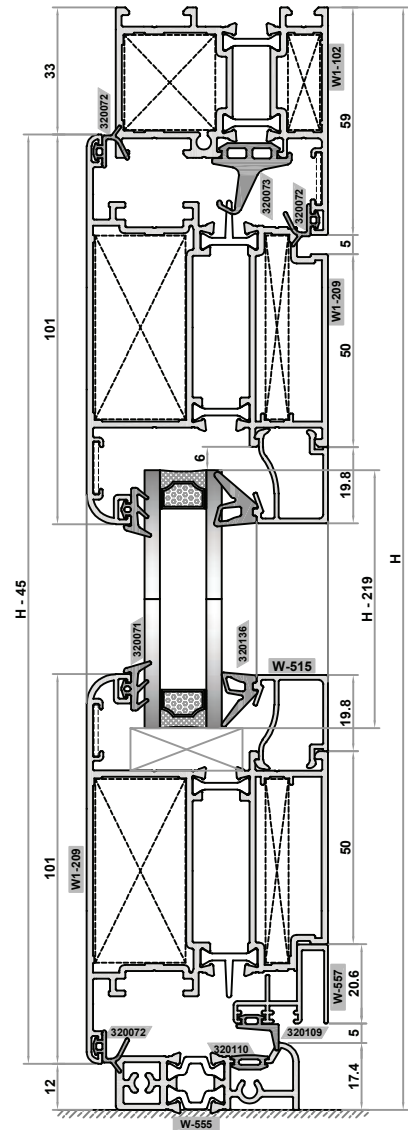




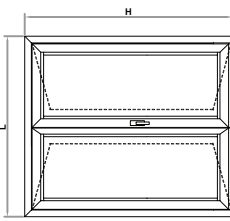
DIŞA AÇILIR KAPI
OUTWARD OPENING DOOR

PROFİLLER / PROFILES				
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	W1-102	DÜŞEY KASA / VERTICAL FRAME	H	45°/90°
1	W1-102	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	W1-209	DÜŞEY KANAT / VERTICAL VENT	H - 45	45°/45°
2	W1-209	YATAY KANAT / HORIZONTAL VENT	L - 66	45°/45°
2	W-515	DÜŞEY CAM ÇİTASI / VERT. GLAZING BEAD	H - 247	90°/90°
2	W-515	YATAY CAM ÇİTASI / HOR. GLAZING BEAD	L - 228	90°/90°
1	W-557	KAPI ALTI ADAPTÖR PROFİLİ / ADAPTER PR.	L - 128	90°/90°
1	W-555	EŞİK PROFİLİ / THRESHOLD PROFILE	L - 78	90°/90°

AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
2	470080	İKİ YAPRAKLI AYARLI KAPI MEN. / ADJUSTABLE DOOR HINGE	-
1	370194	ÇİFT TARAFLI AYNALI KAPI KOLU / D. HANDLE COVERPLATE	-
1	370141	DİLLİ KİLİT 85 x35 mm / LOCK WITH BOLT 85 x 35 mm	-
1	360064	DİLLİ KİLİT KARŞILIĞI / STRIKER FOR LOCK WITH RAIL	-
1	370144	BAREL / CYLINDER	-
1	360070	BAREL ROZETİ (10mm) / CYLINDER COVER PLATE (10mm)	-
-	320138	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2L + 2H
-	320073	ORTA BİNI FİTİLİ / CENTRAL STEP GASKET	L + 2H
-	320071	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 2H
-	320072	BİNI FİTİLİ / STEP GASKET	3L + 4H
-	320109	KANAT ALTI ADAPTÖR FİTİLİ / ADAPTER GASKET	L
-	320110	EŞİK KAPATMA FİTİLİ / COVER GASKET FOR DOOR SILL	L
2	330038	TOZLUK VULKANİZESİ / CENTRAL VULCANISED CORNER	-
2	310254	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
2	310255	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310271	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	310273	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
6	310112	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-

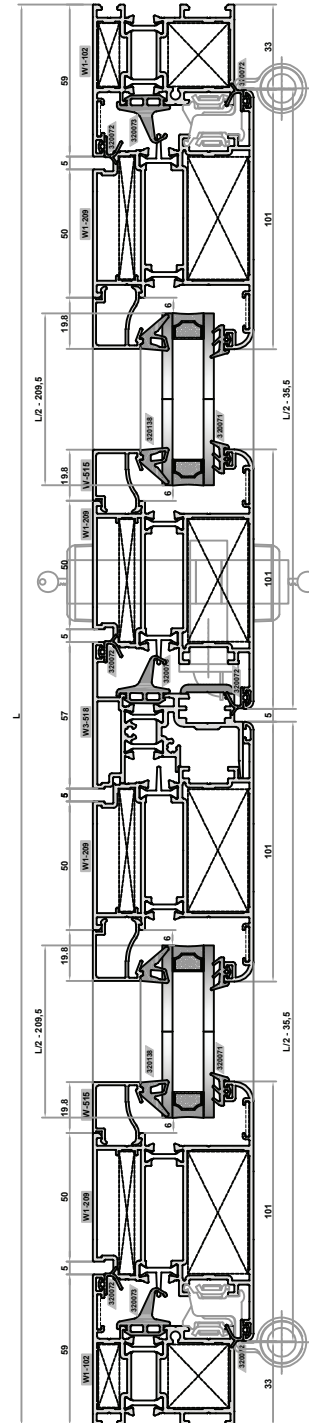
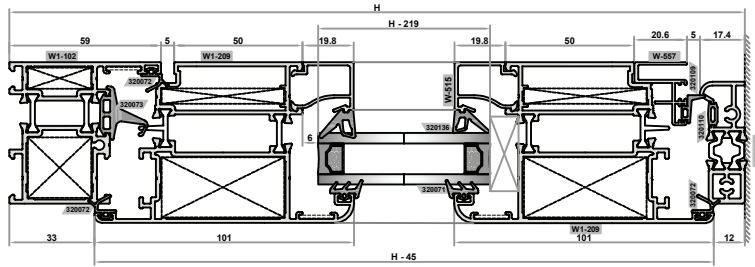


DIŞA AÇILIR ÇİFT KANATLI KAPI
OUTWARD OPENING DOUBLE SASH DOOR

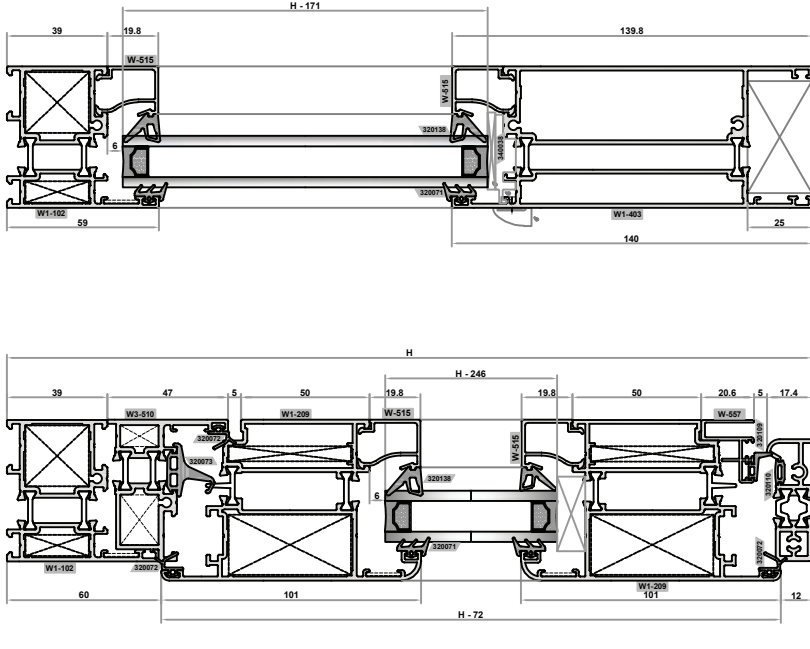
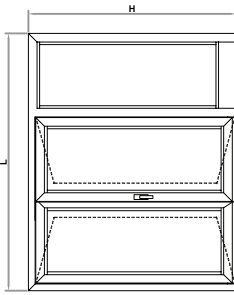


PROFİLER / PROFILES				
ADİT UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
1	W1-100	DÜŞER KİBAŞI / VERTICAL FRAME	H	45/90°
1	W1-100	YATAY KİBAŞI / HORIZONTAL FRAME	L	45/90°
4	W1-200	DÜŞER KİBAŞI / VERTICAL FRAME	H-45	45/90°
4	W1-200	YATAY KİBAŞI / HORIZONTAL FRAME	L/2-35,5	45/90°
2	W3-518	ÇİFT KANTAR ADAPTOR R / ADAPTOR BR.	H-100	90/90°
1	W3-515	KAPAK ÇAMIRI / VERTICAL R.	H-240	90/90°
4	W4-515	YATAY ÇAMIRI / HORIZ. GLAZING BEAD	L/2-107,5	90/90°
1	W4-557	KAPAK ADAPTOR PROFİLİ / ADAPTOR PR.	L	90/90°
1	W4-558	ESKİ PROFİL / INTERIOR PROFILE	L-78	90/90°

AKSESUARIAL / ACCESSORIES			TANJIN	KESIM ÖLÇÜSÜ CUTTING SIZE
ANET	KOD CODE	DESCRIPTION		
4	430080	ICI YAPRAKLI AYRIKAR KAPAK MIN. / ADJUSTABLE DOOR HINGE	-	-
1	330134	ÇİFT KARKAÇLILIK KAPAK / D. HANDLE COVERRAKE	-	-
1	330141	DÜZ KİLİT KAPAK SİLİNDİR / LOCK WITH ROLL 5 x 5 mm	-	-
1	340064	DÜZ KİLİT KAPAKLI / STREK FOR A LOCK WITH RAIL	-	-
1	330143	BAREL / CYLINDER	-	-
1	340070	BAREL KÖZÜTİ / CYLINDER COVER PLATE (2mm)	-	-
2	330207	KARALI KAPAK SİLİNDİR / DOOR ROLL WITH GROOVE	-	-
-	330138	İÇ CAM FİTİLİ / INNER GLAZING GASKET	41 x 4H	-
-	330073	ORTA BİNİ FİTİLİ / CENTRAL STEP GASKET	1 x 2H	-
-	330071	DİŞ CAM FİTİLİ / OUTER GLAZING GASKET	41 x 4H	-
-	330072	BİNİ FİTİLİ / STEP GASKET	31 x 6H	-
-	330108	KAMAT ALTI AYAKLIOR FİTİLİ / ADAPTER GASKET	L	-
-	330110	ŞEŞ KAPATILMA FİTİLİ / COVER GASKET FOR DOOR SİL	L	-
2	330038	TOSLUK YÜKLEMEZ / CENTRAL VULCANIZED COVER	41 x 4H	-
2	330245	KASA KÖŞE TAMDIZ / CORNER CLIP FOR FRAME	-	-
8	340371	KAMAT KÖŞE TAMDIZ / CORNER CLIP FOR UNIT	-	-
8	330273	KAMAT KÖŞE TAMDIZ / CORNER CLIP FOR VENT	-	-
8	330112	KÖŞE KÖŞÜZ / CORNER ALUMINUM	-	-

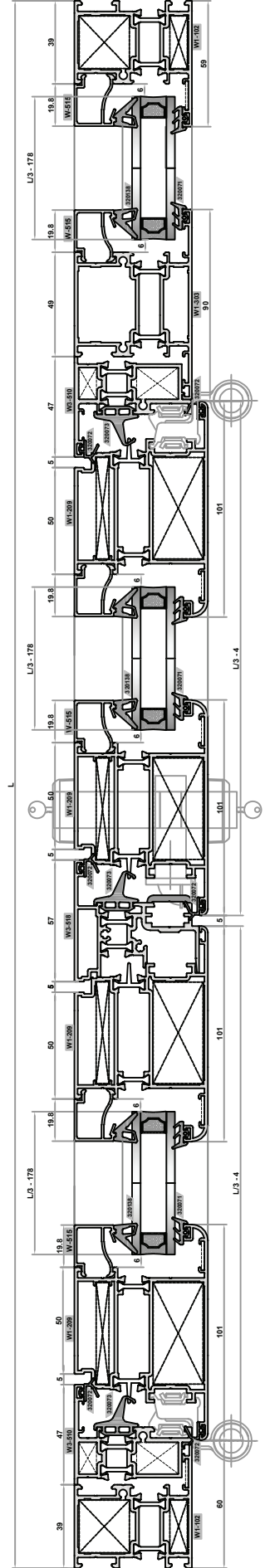


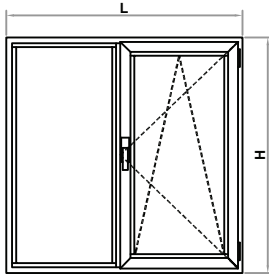
TEK TARAFLI SABİTLİ DIŞA AÇILIR ÇİFT KANATLI KAPI
ONE SIDE FIXED OUTWARD OPENING DOUBLE SASH DOOR



ADDET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
4	430080	HE İYİLEMEK İÇİN KAPAK / ADJUSTABLE DOOR HINGE	-
1	370134	ÇİFT TARAFLI AYNI KAPAK KOLU / D. HANDLE COVER PLATE	-
1	370141	DİLLİ KİLİT BİLEMEK / LOCK WITH BOLT Ø16 x 35mm	-
1	360064	DİLLİ KİLİT KİLİTİ / STRIKER FOR LOCK WITH BOLT	-
1	370144	BİLEMEK / CYLINDER	-
1	360070	BİLEMEK İÇİN DİLLİ KİLİT / CYLINDER COVER PLATE (Ø16mm)	-
2	370207	KANALI KAPAK SİĞİRTMESİ / DOOR BOLT WITH GROOVE	21 x 6H
-	370238	İÇ KANAT FİTİLİ / INNER GLAZING GASKET	L x 2H
-	370271	ORTA KANAT FİTİLİ / CENTRAL STEP GASKET	21 x 6H
-	370272	DIŞ KANAT FİTİLİ / OUTER GLAZING GASKET	21 x 6H
-	370273	BİLEMEK / STEP GASKET	L
-	370274	KANAT ALTI ADAPTOR FİTİLİ / ADAPTOR GASKET	L
2	370275	ESKİ KAPAK FİTİLİ / COVER GASKET FOR DOOR SILL	L
2	370276	TOZLUK VULKANİZESİ / CENTRAL VULCANISED CORNER	-
2	370277	KASA KÖŞE TAMDOLU / CORNER GLAZING FOR FRAME	-
2	370278	KASA KÖŞE TAMDOLU / CORNER GLAZING FOR VENT	-
8	370279	KANAT KÖŞE TAMDOLU / CORNER GLAZING FOR VENT	-
8	370280	KANAT KÖŞE TAMDOLU / CORNER GLAZING FOR VENT	-
2	370281	DIŞA AÇILAN ADAPTOR KÖŞE TAMDOLU / CORNER GLAZING FOR VENT	-
2	370282	DIŞA AÇILAN ADAPTOR KÖŞE TAMDOLU / CORNER GLAZING FOR VENT	-
1	370283	ORTA KANAT BAĞLANTISI (T) / TRANSOM CONNECTION (T)	-
1	370284	ORTA KANAT BAĞLANTISI (U) / TRANSOM CONNECTION (U)	-
2	370285	ORTA KANAT BAĞLANTISI (T) / TRANSOM CONNECTION (T)	-
2	370286	ORTA KANAT BAĞLANTISI (U) / TRANSOM CONNECTION (U)	-
10	370287	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	370288	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-
2	370289	CAM ALTI DİŞLERİ / RATCHET / GLAZING SUPPORT PLATE	-
1	370290	ÇİFT KANAT ADAPTOR TAPA SETİ / PLUG KIT FOR ADAPTOR	-

ADDET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	W1-5102	DIŞER KASA / VERTICAL FRAME	H	45°/90°
4	W1-5103	YATAY KASA / HORIZONTAL FRAME	L	45°/90°
1	W1-5104	DIŞER KANAT / VERTICAL VENT	H - 72	45°/90°
4	W1-5105	YATAY KANAT / HORIZONTAL VENT	L/3 - 4	45°/90°
1	W1-5106	ORTA KANAT FİTİLİ / TRANSOM PROFILE	H - 39	90°/90°
1	W1-5107	DIŞA AÇILAN ADAPTOR İKİ / OUT. AD. PK	2L/3 - 39	45°/90°
1	W1-5108	SABİT TEK FİTİLİ / FIXED SILL PROFILE	L/3 - 166	90°/90°
2	W1-5109	DIŞA AÇILAN ADAPTOR İKİ / OUT. AD. PK	H - 39	45°/90°
1	W1-5110	ÇİFT KANAT ADAPTOR İKİ / ADAPTOR PK	H - 134	90°/90°
4	W1-5111	DIŞER CAM ÇİTASI / VERT. GLAZING BEAD	H - 274	90°/90°
2	W1-5112	DIŞER CAM ÇİTASI / VERT. GLAZING BEAD	H - 199	90°/90°
6	W1-5113	YATAY CAM ÇİTASI / HOR. GLAZING BEAD	L/3 - 166	90°/90°
1	W1-5114	KAPAK ALTI ADAPTOR FİTİLİ / ADAPTOR PK	2L/3 - 65	90°/90°
1	W1-5115	ESKİ FİTİLİ / THRESHOLD PROFILE	2L/3 - 15	90°/90°



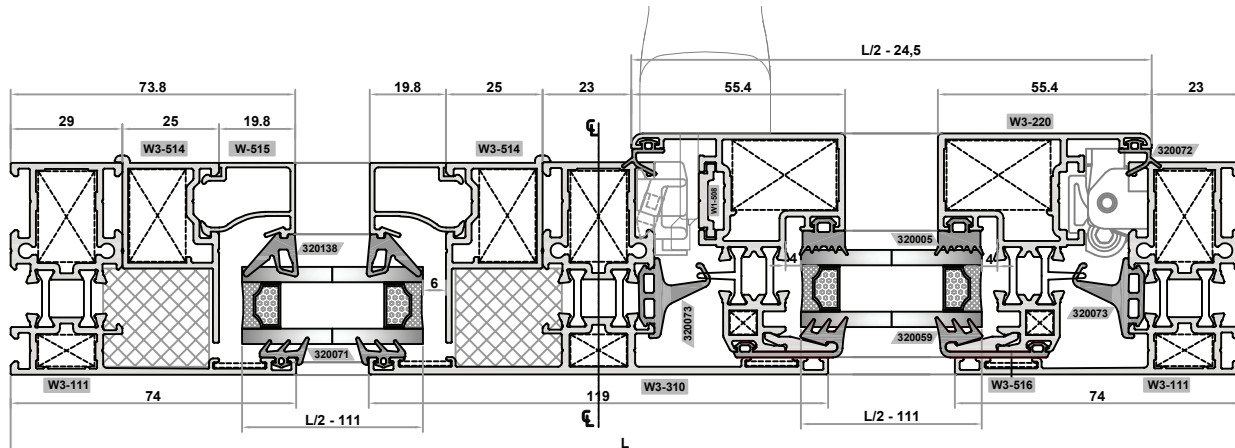
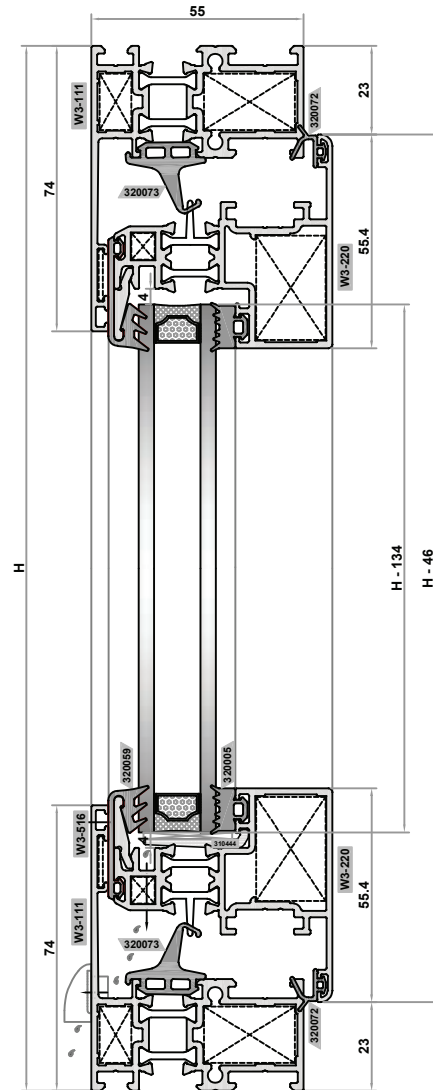


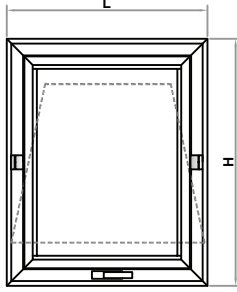
TEK TARAFI SABİTLİ ÇİFT AÇILIM GİZLİ KANAT PENCERE

ONE SIDE FIXED TILT&TURN OPENING HIDDEN SASH WINDOW

PROFİLLER / PROFILES				
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	W3-111	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	W3-111	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	W3-220	DÜŞEY KANAT / VERTICAL VENT	H - 46	45°/45°
2	W3-220	YATAY KANAT / HORIZONTAL VENT	L/2 - 24,5	45°/45°
1	W3-310	ORTA KAYIT PROFİLİ / TRANSOM PROFILE	H - 58	90°/90°
2	W3-516	DIŞ CAM ÇİTASI / OUTER GLAZING BEAD	L/2 - 104,5 , H - 153	90°/90°
2	W3-514	ÇİTA ADAPTÖRÜ / GLAZING BEAD ADAPTER	L/2 - 51 , H - 58,5	45°/45°
2	W-515	DÜŞEY CAM ÇİTASI / VERT. GLAZING BEAD	H - 149	90°/90°
2	W-515	YATAY CAM ÇİTASI / HOR. GLAZING BEAD	L/2 - 100	90°/90°
2	W1-508	TÜ PROFİLİ / CONNECTION ROAD PROFILE	H + L	90°/90°

AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	380039	GİZLİ MENTEŞELİ ÇİFT AÇILIM SETİ / HIDDEN TILT&TURN KIT	-
-	320071	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	L + 2H
-	320138	İÇ CAM FİTİLİ / INNER GLAZING GASKET	L + 2H
-	320059	KANAT DIŞ CAM FİTİLİ / OUTER GLAZING GASKET FOR VENT	L + 2H
-	320005	KANAT İÇ CAM FİTİLİ / INNER GLAZING GASKET FOR VENT	L + 2H
-	320073	ORTA BİNİ FİTİLİ / CENTRAL STEP GASKET	L + 2H
-	320072	BİNİ FİTİLİ / STEP GASKET	L + 2H
4	330038	TOZLUK VULKANİZESİ / CENTRAL VULCANISED CORNER	-
4	310241	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310242	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310300	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	310302	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	310468	ADAPTÖR KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
2	310465	ORTA KAYIT BAĞLANTISI (T) / TRANSOM CONNECTION (T)	-
2	310452	ORTA KAYIT BAĞLANTISI (U) / TRANSOM CONNECTION (U)	-
4	310112	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
4	350057	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-
1	360016	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	-
2	310444	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-





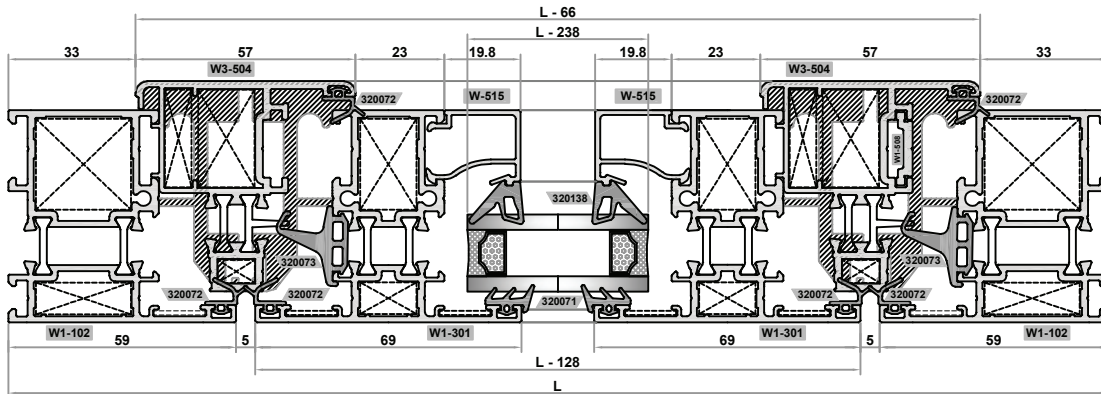
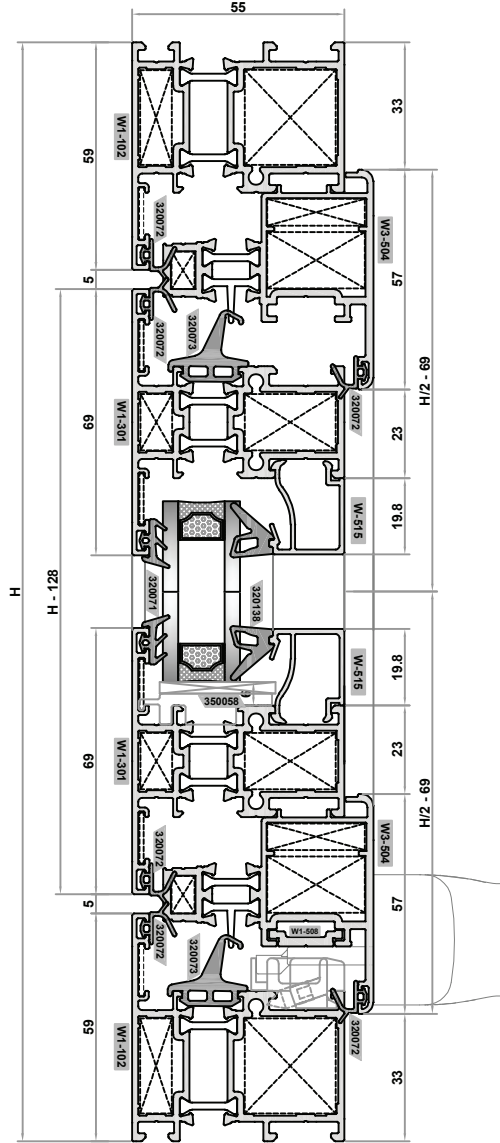
**PİVOT PENCERE
PIVOT WINDOW**

PROFİLLER / PROFILES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	W1-102	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	W1-102	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	W1-301	DÜŞEY KANAT / VERTICAL VENT	H - 46	45°/45°
2	W1-301	YATAY KANAT / HORIZONTAL VENT	L - 128	45°/45°
1	W3-504	KASA YATAY ADAPTÖR PR. / ADAPTER PR.	L - 66 (ÜST-TOP)	45°/45°
1	W3-504	KASA YATAY ADAPTÖR PR. / ADAPTER PR.	L - 66 (ALT-BOTTOM)	45°/45°
2	W3-504	KASA DÜŞEY ADAPTÖR PR. / ADAPTER PR.	H/2 - 69 (ÜST-TOP)	30°/45°
2	W3-504	KASA DÜŞEY ADAPTÖR PR. / ADAPTER PR.	H/2 - 69 (ALT-BOTTOM)	30°/45°
2	W-515	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 266	90°/90°
2	W-515	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L - 226	90°/90°
2	W1-508	TİJ PROFİLİ / CONNECTION ROAD PROFILE	H + L	90°/90°

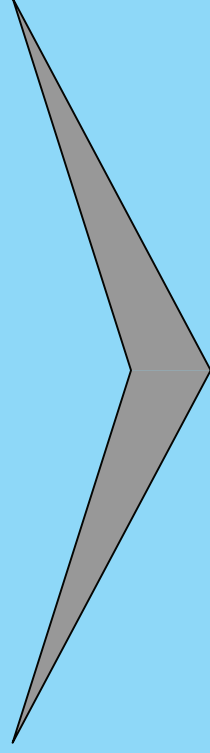
AKSESUARLAR / ACCESSORIES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
2	370103	PIVOT MENTEŞE / PIVOT HINGE	-
-	320071	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 2H
-	320138	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2L + 2H
-	320073	ORTA BİNİ FİTİLİ / CENTRAL STEP GASKET	2L + 2H
-	320072	BİNİ FİTİLİ / STEP GASKET	6L + 6H
4	330038	TOZLUK VULKANİZESİ / CENTRAL VULCANISED CORNER	-
4	310254	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310255	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	310241	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	310242	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	310164	ADAPTÖR KÖŞE TAKOZU / CORNER CLEAT FOR ADAPTER	-
4	310129	ADAPTÖR KÖŞE TAKOZU / CORNER CLEAT FOR ADAPTER	-
4	310244	ADAPTÖR KÖŞE TAKOZU / CORNER CLEAT FOR ADAPTER	-
12	310112	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	350057	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-
2	350058	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-



SERTİFİKALAR

CERTIFICATES



Evidence of Performance

Resistance to wind load
Watertightness
Air permeability

Test report 102 43902/1e



Client **Sistem Alüminyum San. ve Tic.
A.S.
Cakmakli Mah. Akcaburgaz Cad. 58 Sk. No.4 Kirac

Esenyurt-Istanbul
Turkey**

Basis

EN 14351-1 : 2006-03

Test standards:

EN 1026 : 2000-06

EN 1027 : 2000-06

EN 12211 : 2000-06

EN 12046-1 : 2003-11

EN 14609 : 2004-03

Corresponds to the national
standard. (DIN EN)

Product **Tilt and turn window with fixed sublight**

System **AluTech W55 1,6 Yalitimli Dograma Sistem**

Overall dimensions (W x H) **1,100 mm x 2,100 mm**

Frame material **Aluminium profiles with thermal break**

Special features **-/-**

Representation



Instruction for use

The present test report serves to demonstrate the above characteristics of windows according to EN 14351-1:2006-03. The results obtained can be used by the manufacturer as the basis for the manufacturer ITT test report summary. The conditions and requirements set out by EN 14351-1:2006-03 shall be observed.

Validity

The data and results refer solely to the tested and described specimen.

The test results can be extrapolated as per EN 14351-1, under observation of Annex E.1., under the manufacturer's own responsibility.

The test does not allow any statement to be made on further characteristics of the present structure and quality, in particular the effects of weathering and ageing.

Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

The cover sheet can be used as an abstract.

Contents

The report contains a total of 14 pages

Resistance to wind load – EN 12210



Class C3 / B3

Watertightness – EN 12208



Class E900

Air permeability – EN 12207



Class 4

ift Rosenheim
21. Juni 2010

Jörn Peter Lass, Dipl.-Ing. (FH)
Head of Testing Department
ift Centre Windows & Facades



ift Rosenheim GmbH

Geschäftsführer:
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Kto. 3822
BLZ 711 500 00

Notified Body Nr.: 0757
Anerkannte PUZ-Stelle: BAY 18



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

Uygun kuruluşun, belirtilen standartlara 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 bilyet dökümü ve kompozit panel üretimi

Sertifika Tescil No: TIC 15 275 20231/1 2023-12-10 tarihine kadar geçerli
2020-12-11 tarihinden itibaren
Tetik Raporu No: 3330 3CLA A0

İşbu sertifikasyon TIC teknik ve belgelendirme prosedürlerine göre gerçekleştirilmiş ve düzenli aralıklarla yapılan gözetim faaliyetlerine tabidir. Bu sertifika, ana sertifika ile birlikte geçerlidir.

Michael
TUV Thüringen a.V.
Sistem ve Personel
Belgelendirme Kurumu



Jena, 2020-12-11



Ünvan: Michael
www.tuv-thueringen.de
Belgelendirme Kurumu

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

Uygun kuruluşun, belirtilen standartlara 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 bilyet döküm imalatı, kompozit panel imalatı ve dövme pres ile imalat

Sertifika Tescil No: TIC 15 100 64050/1 2024-06-05 tarihine kadar geçerli
TIC 15 104 191738/1 2021-06-18 tarihinden itibaren
TIC 15 118 19052/1

Tetik Raporu No: 3330 28AW P0

İşbu sertifikasyon TIC teknik ve belgelendirme prosedürlerine göre gerçekleştirilmiş ve düzenli aralıklarla yapılan gözetim faaliyetlerine tabidir. Bu sertifika, ana sertifika ile birlikte geçerlidir.

Michael
TUV Thüringen a.V.
Sistem ve Personel
Belgelendirme Kurumu



Jena, 2021-06-18



Ünvan: Michael
www.tuv-thueringen.de
Belgelendirme Kurumu

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: 2024-06-05
Certificate Registration No.: TIC 15 104 191738 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.

Michael
TUV Thüringen a.V.
Certification body for
systems and personnel



Jena, 2021-06-18



Ünvan: Michael
www.tuv-thueringen.de
Belgelendirme Kurumu



Warringtonfire
Ratcliffe Road
Warrington
WA1 2JF
T: +44 (0)1925 455 116
info.warringtonfire@warringtonfire.com
warringtonfire.com



Title:
CLASSIFICATION OF REACTION TO
FIRE PERFORMANCE
IN ACCORDANCE WITH
EN 13501-1:2007+A1:2009
Notified Body No:
0249
Product Name:
"ALUTECHBOND 180 A2"

Report No:
WF 40346
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 59000,
T.C.

Date:
22th February 2020

Fire Behaviour	Smoke Production	Flaming Droplets
A2	s	1

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 870kg/m³, 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	RAL9005- 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

E. T. H.

Euan Gardner
Junior Certification Engineer
Technical Department

APPROVED

Janet Murrell

Janet Murrell
Technical Manager
Technical Department
On behalf of Warringtonfire

Warringtonfire Testing and Certification Limited
Registered in England and Wales
Registered Office: 10 Lower Grosvenor Place, London, United Kingdom, W1W 6BN
Company Registration No: 11371436



BELGE NUMARASI
REFERENCE NUMBER OF LICENCE
000277-TSE-08/03

BELGENİN İLK YERLİŞ TARİHİ
DATE OF FIRST ISSUE OF LICENCE
21.04.2009

BELGENİN SON GEÇERLİLİK TARİHİ
LICENCE VALID UNTIL
01.04.2022

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
Akademya Mah. 3005. 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 I OSB, Vakıflar OSB Mah. D100 Cadde No:13/1 Ergene/TEKİRDAĞ 5903 İSTANBUL / TÜRKİYE

İPTAL EDİLEN BELGE NUMARASI (Varsa)
INDICATION OF SUPERSEDED LICENCE (if any)
000277-TSE-08/02

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

İLGİLİ TÜRK STANDARDI
RELATED TURKISH STANDARD
TS 4922 / 15.01.2016

BELGE KAPSAMI
SCOPE OF LICENCE
Alüminyum veya alüminyum alaşımların Anotik Oksitasyon İşlemi ile Kaplanması
Kaplama kalınlığı en az 10
Kısmenli Değişim (İşleme farklılığı) (E)

e-imza ile onaylıdır

08.04.2021

Belgelendirme Merkezi Başkanı Adına

AHMET NURİ KARTAL

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.
The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.
The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.

<https://www.tse.org.tr> ve iletisim@tse.org.tr adreslerinden belgeyi doğrulamak ve güncelliğini doğrulamak.



1 / 1



BELGE NUMARASI
REFERENCE NUMBER OF LICENCE
000277-TSE-09/06

BELGENİN İLK YERLİŞ 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

BELGE SAHİBİ KURULUŞUN ADRESİ
ADDRESS OF THE LICENCE HOLDER
Akademya Mah. 3005. 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 I OSB, Vakıflar OSB Mah. D100 Cadde No:13/1 Ergene/TEKİRDAĞ / TÜRKİYE

İPTAL EDİLEN BELGE NUMARASI (Varsa)
INDICATION OF SUPERSEDED LICENCE (if any)
000277-TSE-09/04

TEBİCİLİ TİCARİ MARKASI
REGISTERED TRADE MARK
SİSTEM ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

İLGİLİ TÜRK STANDARDI
RELATED TURKISH STANDARD
TS EN 755-1:2016 / 08.12.2016

BELGE KAPSAMI
SCOPE OF LICENCE
Alüminyum ve alüminyum alaşımların
Ekstrüzyonla mal edilmeyen PROFİLLER
EN AY 6060 ve EN AY 6063 dışından mal edilmeyen

e-imza ile onaylıdır

08.04.2021

Belgelendirme Merkezi Başkanı Adına

AHMET NURİ KARTAL

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.
The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.
The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.

<https://www.tse.org.tr> ve iletisim@tse.org.tr adreslerinden belgeyi doğrulamak ve güncelliğini doğrulamak.



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BELGE NUMARASI
REFERENCE NUMBER OF LICENCE
000277-TSE-07/03

BELGENİN İLK YERLİŞ TARİHİ
DATE OF FIRST ISSUE OF LICENCE
18.10.2009

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
Akademya Mah. 3005. 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 I OSB, Vakıflar OSB Mah. D100 Cadde No:13/1 Ergene/TEKİRDAĞ 5903 İSTANBUL / TÜRKİYE

İPTAL EDİLEN BELGE NUMARASI (Varsa)
INDICATION OF SUPERSEDED LICENCE (if any)
000277-TSE-07/02

TEBİCİLİ TİCARİ MARKASI
REGISTERED TRADE MARK
SİSTEM ALÜMİNYUM SAN VE TİC A.Ş. + BEKİL

İLGİLİ TÜRK STANDARDI
RELATED TURKISH STANDARD
TS EN 12225-1 / 02.03.2015

BELGE KAPSAMI
SCOPE OF LICENCE
Alüminyum ve alüminyum alaşımların - EN AW-6060 ve EN AW-6063 dışından ekstrüzyon ile mal edilmeyen HASSAS PROFİLLER
EN AW-6060 ve EN AW-6063 dışından ekstrüzyon ile mal edilmeyen, tek taraflı ve iki taraflı hassas profiller

e-imza ile onaylıdır

08.04.2021

Belgelendirme Merkezi Başkanı Adına

AHMET NURİ KARTAL

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.
The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.
The holder, by signing this certificate, declares that the information provided is true and correct and that the product conforms to the requirements of the standard.

<https://www.tse.org.tr> ve iletisim@tse.org.tr adreslerinden belgeyi doğrulamak ve güncelliğini doğrulamak.



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СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ



СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС TR.НАМ.190297
Срок действия с 27.12.2018 по 26.12.2021
№ 0322539

ОРГАН ПО СЕРТИФИКАЦИИ КАПИЛИАМ

Орган по сертификации продукции ООО "ТНХ" Адрес: 256018, РОССИЯ, Калининградская область, г. Калининград, ул. Ю.Гагарина, д. 16, стр. Г, оф. 3, 4, 5. Телефон 8-815-625-5741, адрес электронной почты: info@tntx.ru

ПРОДУКЦИЯ А2, ПБ29-покрытые алюминиевые экструзионные изделия в виде листов толщиной от 4 мм до 6 мм. Толщина алюминиевого листа составляет от 0,4 мм до 0,5 мм. А2, ПБ29-покрытые алюминиевые экструзионные изделия в виде листов толщиной от 0,4 мм до 0,5 мм. Толщина алюминиевого листа составляет от 0,4 мм до 0,5 мм. А2, ПБ29-покрытые алюминиевые экструзионные изделия в виде листов толщиной от 0,4 мм до 0,5 мм. Толщина алюминиевого листа составляет от 0,4 мм до 0,5 мм.

код ОК 24.42.24

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ Технический регламент о требованиях пожарной безопасности

код ТН ВЭД 790612

ИЗГОТОВИТЕЛЬ SYSTEM ALUMINIUM SANAYI VE TICARET A.Ş. Адрес: ТУРЦИЯ, ЕРГЕНЕ - 1 OSB, YAKIRLAR OSB MAH. D100 CAD. NO:131 ERGENE TEKIRGAG - TURKEY, телефон: 0212 886 87 87, адрес электронной почты: sistem@systemaluminum.com.tr

СЕРТИФИКАТ ВЫДАН SYSTEM ALUMINIUM SANAYI VE TICARET A.Ş. Адрес: ТУРЦИЯ, ЕРГЕНЕ - 1 OSB, YAKIRLAR OSB MAH. D100 CAD. NO:131 ERGENE TEKIRGAG - TURKEY, телефон: 0212 886 87 87, адрес электронной почты: sistem@systemaluminum.com.tr (EMLA).

НА ОСНОВАНИИ Протокол испытаний № 600/У-23/12/18 от 27.12.2018 года, выданный Испытательной лабораторией "Ортис" (аттестат аккредитации РОСС RU.11719.04.0030.Н306)

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ



Руководитель органа

С.Е. Осипов

И.Р. Дюмина

Эксперт

Сертификат не применяется при обязательной сертификации

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ



СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС TR.НАМ.190297
Срок действия с 28.03.2018 по 28.03.2021
№ 2095444

ОРГАН ПО СЕРТИФИКАЦИИ рн. № RA.RU.118901

Полное наименование с ограниченной ответственностью "Транс-Тест", Место нахождения: Российская Федерация, 125454, город Москва, Волоколамский шоссе, дом 73, флигельный корпус Российского Императорского, 125009, город Москва, улица Твардовского, дом 20, строение 1, этаж 5, помещение № 1а, комната № 1, помещение № 1а, комната № 4, телефон: +7(495)7413290, электронная почта: guran@trans-test.ru. Аттестат аккредитации № RA.RU.118901, выдан 02.08.2017 года

ПРОДУКЦИЯ Листы облицовочные алюминиевые композитные с наполнителем из ПВХ или ПВХ/ПЭИ толщиной от 3 мм до 6 мм, толщина алюминиевого листа от 0,18 мм до 0,50 мм, материал ALUTECH-BOND 100, ALUTECH-BOND 200, ALUTECH-BOND 300, ALUTECH-BOND 400. Свойства: выцвет

код ОК 005 (ОК17)

24.42.24

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ ГОСТ 2208-2007. Фольга, листы, полосу, листы и пленки полимерные. Технические условия (с Изменениями 1-3)

код ТН ВЭД Россия 790612

ИЗГОТОВИТЕЛЬ SYSTEM ALUMINIUM SANAYI VE TICARET A.Ş. Место нахождения и адрес места осуществления деятельности: ЕРГЕНЕ - 1 OSB, YAKIRLAR OSB MAH. D100 CAD. NO:131 ERGENE TEKIRGAG-TURKEY, Турция

СЕРТИФИКАТ ВЫДАН SYSTEM ALUMINIUM SANAYI VE TICARET A.Ş. Место нахождения и адрес места осуществления деятельности: ЕРГЕНЕ - 1 OSB, YAKIRLAR OSB MAH. D100 CAD. NO:131 ERGENE TEKIRGAG-TURKEY, Турция

НА ОСНОВАНИИ Протокол испытаний № РС4032018-008/Т от 28.03.2018 года, выданный Испытательной лабораторией Общества с ограниченной ответственностью "ТСТ-ГРУПП", аттестат аккредитации РОСС RU.1112.01.00011

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ



Руководитель органа

Климентов Алексей Васильевич

Эксперт

Павлов Игорь Дмитриевич

Сертификат не применяется при обязательной сертификации

РОССИЙСКАЯ ФЕДЕРАЦИЯ
СЕРТИФИКАТ СООТВЕТСТВИЯ
(обязательная сертификация)

№ С-ТР.1923 В.03033 ТР 1388673

ЗАЯВИТЕЛЬ "SYSTEM ALUMINIUM SANAYI VE TICARET A.Ş.", Адрес: Salomali Mavi Akademi Mah. 38. Sok. No:4 Ihsanli-Yildirimli/ISTANBUL 34322, Турция. Телефон +90 212 886 87 87, факс +90 212 886 87 29, e-mail: sistem@systemaluminum.com.tr

ИЗГОТОВИТЕЛЬ "SYSTEM ALUMINIUM SANAYI VE TICARET A.Ş.", Адрес: Salomali Mavi Akademi Mah. 38. Sok. No:4 Ihsanli-Yildirimli/ISTANBUL 34322, Турция. Телефон +90 212 886 87 87, факс +90 212 886 87 29, Адрес производства: ЕРГЕНЕ-1 OSB, Yakirlar OSB Mah. Ihsanli Cadde No:214/A, Yildirim-TEKIRGAG 59930, Турция

ОРГАН ПО СЕРТИФИКАЦИИ ОС "ТНХ СЕРТ" ООО "Технология пожарной безопасности", Россия, 141313, Московская область, г. Сергиев Посад, Московское шоссе, д. 25, (ИНН 50/0721, информационный ОГРН: 108018007906, Аттестат аккредитации № ТР ТС RU.19233 выдан 01.10.2013 Федеральным службой по аккредитации "Росстандарт").
ПОДТВЕРЖАЕТ, ЧТО Листы облицовочные композитные с наполнителем из поливинилхлорида (ПВХ) общей толщиной от 3 мм до 6 мм, материал "ALUTECH-BOND", "ALUTECH-BOND", "PTECH-BOND", "ALUTECH-BOND". Свойства: выцвет.

код ОК 005 (ОК17)

52.75.10

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ Технический регламент о требованиях пожарной безопасности (Федеральный закон от 22.07.2008 № 123-ФЗ). Класс пожарной опасности строительных материалов - КМ5, см. Приложение №1 (Класс № 853475)

код ЕКТС

код ТН ВЭД Россия 790612

ПРОВЕДЕННЫЕ ИССЛЕДОВАНИЯ Протокол сертификационных испытаний № 3269-СТР от 06.04.2019 г. №1 (ОС "ТНХ СЕРТ" ООО "Технология пожарной безопасности", № ТР ТС RU.19233 от 01.10.2013 г.).
ОС "ТНХ СЕРТ" ООО "Технология пожарной безопасности" Протокол испытаний № 2591-АП от 13.03.2018 г. ОС "ТНХ СЕРТ" ООО "Технология пожарной безопасности", ТР ТС RU.19233 от 01.10.2013 г.

ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ

Технический регламент о требованиях пожарной безопасности (Федеральный закон от 22.07.2008 № 123-ФЗ). Класс пожарной опасности строительных материалов - КМ5, см. Приложение №1 (Класс № 853475)

СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ с 07.04.2015 по 06.04.2020



Руководитель органа

Ю.Н. Гринин

Эксперт

Д.А. Катранов

70 LATI
Instytut Techniki Budowlanej

Instytut Techniki Budowlanej (ITB) ul. Koszykowa 21 (w pobliżu przystanku PKM) 00-611 Warszawa, tel. 22 625 34 21, fax 22 625 34 21, e-mail: info@itb.pl

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

Numer umowy: 02909/14/200NP

Zleceniodawca:	MOT Corp. Sp. z o.o. ul. Wyspińskiego 37 32-050 Skawina
Opracowana przez:	Zakład Badań Ogniwowych Instytutu Techniki Budowlanej ul. Filtrów 1 00-611 Warszawa
Nazwa wyrobu:	Płyty Alutechbond FR (płaskie)
Raport klasyfikacyjny nr:	02909.2/14/200NP
Wydanie numer: 1	Exemplarz nr: 1
Data wydania:	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 ściennie.

00-611 Warszawa | ul. Filtrów 1 | tel. 22 625 34 21 | fax 22 625 34 21 | Drukarnia tel. 22 625 34 89 | 22 625 34 04 | fax 22 625 71 30 |
KOD: 0001101700 | Kraj: 00000000 | NIP: 525 000 53 58 |
PZO S.A. 0/Warszawa | ul. Nowogrodzka 11 | 00-613 Warszawa | w kontakcie 7134030101 | 11000049134888 | 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.
Çakmaklı Mevkii Akçaburgaz Cad. 58 Sok. No:4
Kraç Büyükçekmece,
İSTANBUL/ TÜRKİYE

Hazırlayan : ERA LABORATUVARLARI A.Ş.
Tümsan 1. Sanayi Sitesi, B. Blok, No:25, İktisadi
Organize Sanayi Bölgesi, Küçükçekmece,
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 1. Sanayi Sitesi, B. Blok, No:25, İktisadi Organize Sanayi Bölgesi, Küçükçekmece,
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Tel: 0212 4962762 Faks: 0212 4962760 E-posta: info@erasanmekim.com
Web: www.erasanmekim.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 TAYYAD Organize San. Böl. 1. CD,
35. Yol No: 1 Şekerpınar - Çayirova
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 TAYYAD Organize San. Böl. 1. CD, 35. Yol No: 1 Şekerpınar - Çayirova
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