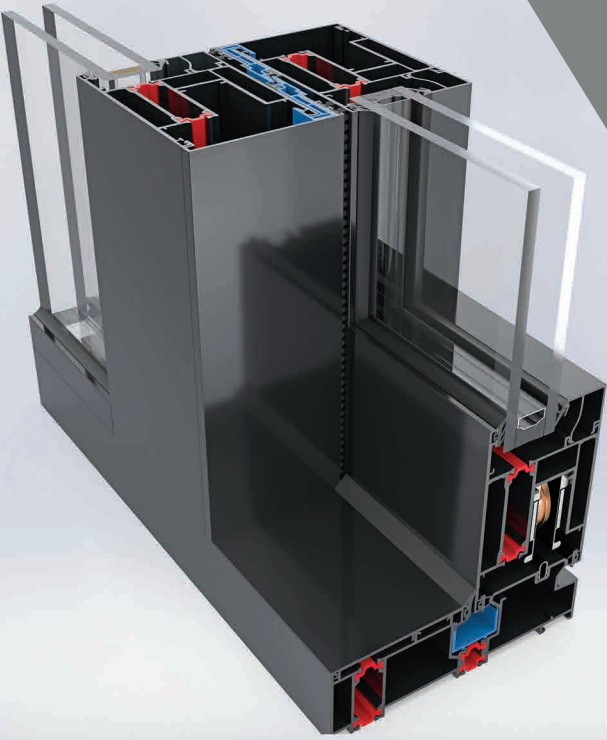


Sistem **Al**

A L Ü M İ N Y U M

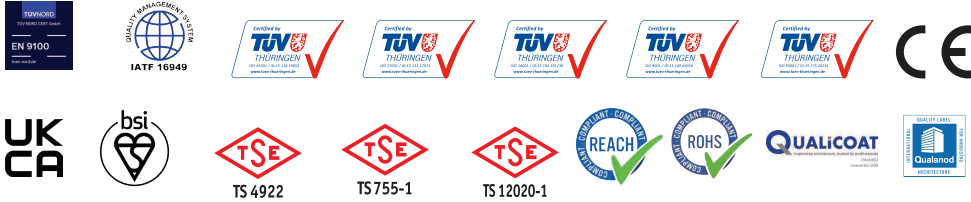
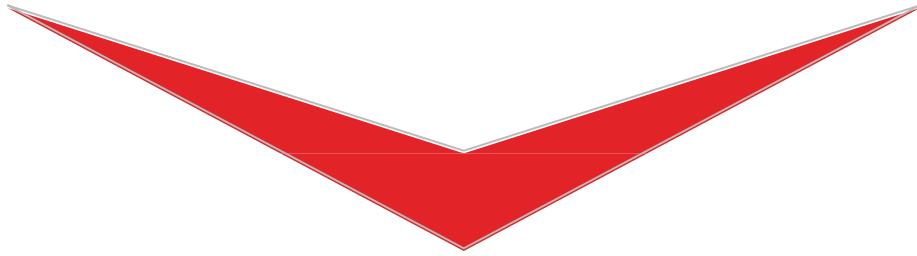


S65
KALDIR & SÜR
SÜRME SİSTEM
LIFT & SLIDE
SYSTEM

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



S65



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

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MİMARİ SİSTEM KATALOGLARI / ARCHITECTURAL SYSTEM CATALOGUES

CEPHE & IŞIKLIK SİSTEMLERİ FACADE & SKYLIGHT SYSTEMS	F50 ENERGY YÜKSEK YALITIMLI PERFORMANS CEPHE HIGH INSULATED PERFORMANCE FACADE	F50 Energy: Kondens Sistem Kapaklı Cephe / Capped Curtain Wall System With Condensation Line F50 Energy: Kondens Sistem Entegre Cephe / Integrated Curtain Wall System With Condensation Line F50 Energy: Kondens Sistem Yarı Kapaklı Cephe / Semi-Capped Curtain System With Condensation Line
	F50 CLASSIC YALITIMLI KLASİK CEPHE INSULATED CLASSIC FACADE	F50 Classic: Klasik Sistem Kapaklı Cephe / Classic Capped Curtain Wall System F50 Classic: Klasik Sistem Entegre Cephe / Classic Integrated Curtain Wall System F50 Classic: Klasik Sistem Yarı Kapaklı Cephe / Classic Semi-Capped Curtain Wall System F50 Classic: Klasik Sistem Kasetli Silikon Cephe / Classic Silicone Curtain Wall System With Structural Cells
	ÇELİK TAKVİYELİ CEPHE & IŞIKLIK SİSTEMLERİ / STEEL REINFORCED & SKYLIGHT SYSTEMS	ÇT68: Çelik Takviyeli Cephe / Steel Reinforced Curtain Wall ÇT94: Çelik Takviyeli Cephe / Steel Reinforced Curtain Wall SKY50: Işıklık Sistemi / Skylight System SKY78: Işıklık Sistemi (Çelik Takviyeli) / Skylight System (Steel Reinforced)
KAPI & PENCERE SİSTEMLERİ DOOR & WINDOW SYSTEMS	W55 YALITIMLI&Y.SIZ PENCERE & KAPI / W55 INSULATED&UNINSULATED WINDOW & DOOR	W1-W55-1,6T: Yalıtımlı P. ve K. / Insulated W. and D. / W2-W55-1,6: Y.sız P. ve K. / Uninslated W. and D. W3-W55-2T: Yalıtımlı P. ve K. / Insulated W. and D. / W4-W55-2: Y.sız P. ve K. / Uninsulated W. and D.
	W65 YALITIMLI PENCERE & KAPI / W65 INSULATED WINDOW & DOOR	W5-W65-1,6T: Yalıtımlı Pencere ve Kapi / Insulated Window and Door W6-W65-2T: Yalıtımlı Pencere ve Kapi / Insulated Window and Door
	W75 YALITIMLI PENCERE & KAPI / W75 INSULATED WINDOW & DOOR	W7-W75-1,6T: Yalıtımlı Pencere ve Kapi / Insulated Window and Door W8-W75-2T: Yalıtımlı Pencere ve Kapi / Insulated Window and Door
	WH70 YALITIMLI PENCERE & KAPI / WH70 INSULATED WINDOW & DOOR	WH 70: Yalıtımlı Pencere ve Kapi Sistemi / Insulated Window and Door System
	WH85 YALITIMLI PENCERE & KAPI / WH85 INSULATED WINDOW & DOOR	WH 85: Yüksek Yalıtımlı Pencere ve Kapi Sistemi / High Insulated Window and Door System
	BF85 KATLANIR KAPI SİSTEMİ / BF85 BI-FOLDING DOOR SYSTEM	BF 85: Isı Yalıtımlı Katlanır Kapi Sistemi / BF 85: Insulated Folding Door System
SÜRME SİSTEMLER SLIDING SYSTEMS	S45 YALITIMLI & YALITIMSIZ SÜRME / S45 INSULATED & UNINSULATED SLIDING	S1-S45-T: Yalıtımlı Sürme Kapi (Kaldır&Sür ve Klasik) / Insulated Sliding Door (Lift&Slide and Classic) S2-S45: Yalıtımsız Sürme Kapi (Kaldır&Sür ve Klasik) / Uninsulated Sliding Door (Lift&Slide and Classic)
	S65 YALITIMLI SÜRME / S65 INSULATED SLIDING	S3-S65-T: Yalıtımlı Sürme Kapi (Kaldır&Sür) / Insulated Sliding Door (Lift&Slide)
	S32 YALITIMLI & YALITIMSIZ SÜRME / S32 INSULATED & UNINSULATED SLIDING	S5-S32-T: Yalıtımlı & Yalıtımsız Klasik Hafif Sürme Kapi / Insulated & Uninsulated Classic Light Sliding Door
	S80 YALITIMLI SÜRME / S80 INSULATED SLIDING	S80-Teona: Yüksek Yalıtımlı Performans Sürme Kapi / High Insulated Performace Sliding Door (ECOSLIDE)
	M150 MİNİMAL SÜRME SİSTEMİ / M150 MINIMAL SLIDING SYSTEM	M150 Minimal Sürme Sistemi / M150 Minimal Sliding System
OFİS BÖLME SİSTEMLERİ OFFICE PARTITION SYSTEMS	YALITIMSIZ SİSTEMLER / UNINSULATED SYSTEMS	OB1-120: Struktürel Ofis Bölme Sistemi / Structural Office Partition System OB2-105: Çeçeveli Ofis Bölme Sistemi / Framed Office Partition System OB3-83: Kapaklı Ofis Bölme Sistemi / Capped Office Partition System OB4-45: Cam Cama Ofis Bölme Sistemi / Glass Office Partition System
CEPHE KAPLAMA FACADE CLADDING		Kompozit Panel Taşıyıcı Sistemi / Composite Panel Carriage System Terracotta Cephe Kaplama Sistemi / Terracotta Facade Cladding System Seramik Cephe Kaplama Sistemi / Ceramic Facade Cladding System
TAMAMLAYICI MİMARİ SİSTEMLER COMPLEMENTARY ARCHITECTURAL SYSTEMS	YALITIMSIZ SİSTEMLER / UNINSULATED SYSTEMS	G120 Giyotin Sistem / G120 Guillotine System Isı Camlı Cam Balkon Sistemi / Double Glazing Balcony System Kare Küpeşte ve Korkuluk Sistemleri / Square Railing and Balustrade Systems Menfez Sistemleri / Louver Systems Pervazlı Kapi Sistemleri / Door Sill Systems Güneş Kırıcı Sistem / Sunbreaker System C60 Yalıtımsız Doğrama Sistemleri / C60 Uninsulated Hinged Systems

BU KATALOGDA BULUNAN MARKA VE ÜRÜNLER, SİSTEM ALUMİNYUM SAN.VE TİC.A.Ş. BÜNYESİNDE OLUŞTURULMUŞ FİKİR ESERLERİ OLUP, TÜRK PATENT ENSTİTÜSÜ TARAFINDAN TESCİLLENMİŞTİR. HİÇ BİR SURETLE İZİNSİZ ÜRETİLEMEZ, ÇOĞALTILAMAZ. AKSİ DURUMLARDA KANUNİ İŞLEM YAPILIR.
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30 yıllık deneyimi ve yenilikçi vizyonu ile alanına liderlik eden Sistem Alüminyum, Tekirdağ Ergene’de 120 bin metrekare-si kapalı olmak üzere toplam 330 bin metrekarelik alana kurulu tesislerinde üretim faaliyetlerini sürdürmektedir. Kalıp üretiminden başlayarak dökümhane - alüminyum billet, ekstrüzyon hatları, elektrostatik toz boya ve eloksal tesisleri, ahşap kaplama bölümü, mekanik işlem tesisi ve kompozit panel üretim hatlarını bünyesinde barındıran üretim üssü, tam entegre yapısıyla öne çıkmaktadır.

Sistem Alüminyum, mimari ve endüstriyel uygulamalarda kullanılan alüminyum ekstrüzyon profiller ve cephe sistemleri için alüminyum kompozit paneller olmak üzere iki ana ürün grubunda üretim yapmaktadır. Bunlara ek olarak, 2021 yılı itibarıyla Dövme (forging) Alüminyum Tesisi’ni de faaliyete geçirmiştir.

İhracat satış rakamları ile İDDMİB tarafından düzenlenen “İhracatın Metalik Yıldızları” ödül törenlerinde, “Alüminyum Çubuk ve Profiller” kategorisinde 2018, 2019, 2020, 2022 ve 2024 yıllarında birincilik, 2021 ve 2023 yılında ise ikincilik ödülüne layık görülmüştür. Bugün 4 kıtada, 75’ten fazla ülkeye ihracat gerçekleştirmektedir. İstanbul Sanayi Odası tarafından hazırlanan 'Türkiye’nin En Büyük 500 Sanayi Kuruluşu' listesinde Sistem Alüminyum, 2024 yılında 313’üncü sırada yer aldı.

Sistem Alüminyum, yıllık 103 bin ton alüminyum profil üretim kapasitesine sahip tesislerinde; yapı, havacılık, denizcilik, otomotiv, beyaz eşya, elektrik ve enerji gibi birçok sektör için ürün ve hizmet geliştirmektedir.

CE, TSE, QUALICOAT (statik toz boya uygulamaları) ve QUALANOD (eloksal uygulamaları) belgelerine sahip olan Sistem Alüminyum, 2024 yılında devlet destekli Turquality Marka Destek Programı’na dahil olmuştur.

Ayrıca aşağıdaki yönetim sistemleri belgelerine sahiptir:

- IATF 16949 Otomotiv Kalite Yönetim Sistemi
- AS 9100 Havacılık, Savunma ve Uzay Kalite Yönetim Sistemi
- ISO 9001 Kalite Yönetim Sistemi
- ISO 14001 Çevre Yönetim Sistemi
- ISO 45001 İş Sağlığı ve Güvenliği Yönetim Sistemi
- ISO 50001 Enerji Yönetim Sistemi
- ISO/IEC 27001 Bilgi Güvenliği Yönetim Sistemi

Sistem Alüminyum, CE, UKCA ve TSE belgeleriyle ürün kalitesini güvence altına almaktadır. Ek olarak, üretim süreçlerinde yer alan ve ağır metal içerebilen kimyasalların, yalnızca yasal sınırlar dahilinde ve REACH ile RoHS kısıtlamalarına uygun şekilde kullanıldığını, doğaya saygılı üretim anlayışını benimsediğini taahhüt etmektedir. Müşteri taleplerine istinaden, statik toz boya uygulamaları için QUALICOAT, eloksal uygulamaları için ise QUALANOD belgelerini sunmaktadır.

Yetkilendirilmiş Yükümlü Statüsü (YYS) belgesi ile Sistem Alüminyum, dış ticarete güvenilirlik ve uygunluk esaslarına göre ihracat yapmaktadır.



With 30 years of experience and an innovative vision, Sistem Alüminyum leads its sector from its production facilities located in Ergene, Tekirdağ, spanning a total area of 330,000 square meters, including 120,000 square meters of indoor space. As a fully integrated manufacturing hub, it houses all key operations from die production to aluminum billet casting, extrusion lines, electrostatic powder coating and anodizing facilities, wood effect coating, mechanical processing plant, and aluminum composite panel production lines.

Sistem Alüminyum operates under two main product groups: aluminum extrusion profiles for architectural and industrial applications, and aluminum composite panels for façade systems. Additionally, as of 2021, the company launched its Forging Aluminum Facility.

Recognized for its export achievements, Sistem Alüminyum received first place awards in the “Aluminum Bars and Profiles” category at the “Metallic Stars of Export” ceremonies organized by IDDMIB in 2018, 2019, 2020, 2022, and 2024, and secured second place in 2021, 2023. Today, the company exports to over 75 countries across 4 continents. Ranked 313th in the 'Top 500 Industrial Enterprises of Turkey 2024' list by the Istanbul Chamber of Industry, Sistem Alüminyum has an annual production capacity of 103,000 tons of aluminum profiles, serving industries such as construction, aerospace, marine, automotive, white goods, electrical, and energy.

Sistem Alüminyum holds CE, TSE, QUALICOAT (for powder coating), and QUALANOD (for anodizing) certifications and was included in the state-supported Turquality Brand Support Program in 2024.

The company also holds the following management system certifications:

- IATF 16949 Automotive Quality Management System
- AS 9100 Aerospace, Defense and Space Quality Management System
- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
- ISO 45001 Occupational Health and Safety Management System
- ISO 50001 Energy Management System
- ISO/IEC 27001 Information Security Management System

Sistem Alüminyum ensures product quality through CE, UKCA, and TSE certifications. Furthermore, the company commits to environmentally responsible production by ensuring that chemicals potentially containing heavy metals are used only within legal limits and in compliance with REACH and RoHS regulations. Upon customer request, QUALICOAT certificates for powder coating and QUALANOD certificates for anodizing applications are provided.

With its Authorized Economic Operator (AEO) status, Sistem Alüminyum conducts its foreign trade operations in accordance with reliability and compliance principles.



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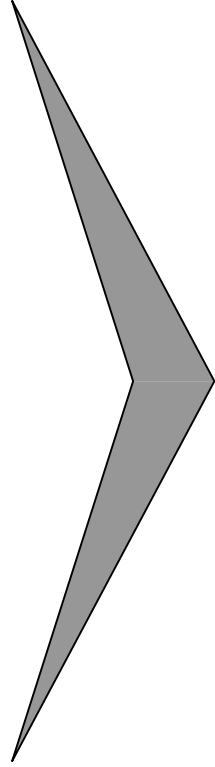
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TEKNİK ÖZELLİKLER

TECHNICAL PROPERTIES



SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.
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MALZEME TEKNİK ÖZELLİKLERİ / TECHNICAL PROPERTIES OF MATERIALS

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

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

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

Yoğunluk (Density) : 2.71 g/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 Ürünlere 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 scratches cramped shapes,swellings,stain etc. on the exposed areas.)

7-Tüm Fitiller (All gaskets)

Hammadde (Raw material) : EPDM

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

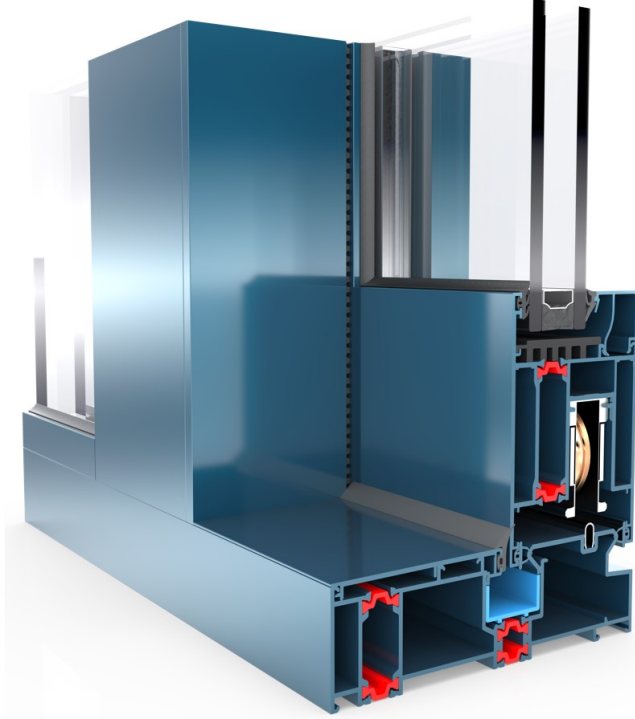
Ölçü Toleransları Standardı (Measurement Tolerances Standarts) : **DIN ISO 3302-1/E2**

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

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

(Measurement Tolerances Standarts for Profile Design and Manufacturing)

YÜKSEK PERFORMANSLI SÜRME SİSTEM / HIGH PERFORMANCE SLIDING SYSTEM



TEKNİK ÖZELLİKLER

TECHNICAL PROPERTIES

KASA DERİNLİĞİ / FRAME DEPTH :	140,4 mm
KANAT DERİNLİĞİ / SASH DEPTH :	64,2 mm
PROFİL ET KALINLIĞI / PROFILE WALL THICKNESS :	2 mm
MAX. CAM KALINLIĞI / MAX. GLASS THICKNESS :	48 mm
ISI BARIYERLERİ / INSULATION BARS :	14,8 - 24 mm
ISI YALITIM DEĞERİ (Uf) / THERMAL INSULATION VALUE (Uf) :	4,09 W/m ² K - 5,26 W/m ² K

KULLANIM SEÇENEKLERİ

APPLICATION ALTERNATIVES

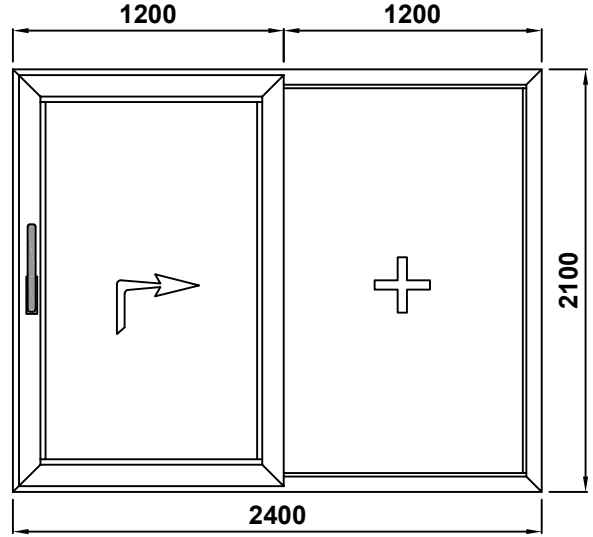
	PENCERE WINDOW	KAPI DOOR
TEK KANATLI SÜRME / SINGLE SASH SLIDING :	●	●
ÜSTÜ SABİTLİ SÜRME / TOP FIXED SLIDING :	●	●
KENDİNDEN PERVAZLI SÜRME / SELF JAMBED SLIDING :	●	●
ORTADA HAREKETLİ SÜRME / MIDDLE MOVABLE SLIDING :	●	●
TAKVİYELİ ORTA KAYIT / REINFORCED TRANSOM :	●	●
SİNEKLİKLİ SÜRME / INSECT SCREEN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

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

- Alutech S65 sistemiyle akredite test laboratuvarında gerçekleştirilen performans test sonuçlarıdır.
These are the performance test results performed in the accredited test laboratory with the Alutech S65 system.

**Test Numunesinin Ebatları**

Test Sample's Dimensions

**Kasa / Frame**

Genişlik / Width: 2400 mm

Yükseklik / Height: 2100 mm

Açılır Kanat / Opening Vent

Genişlik / Width: 1210 mm

Yükseklik / Height: 2028 mm

Sabit Pencere / Fixed Window

Genişlik / Width: 1252 mm

Yükseklik / Height: 2100 mm

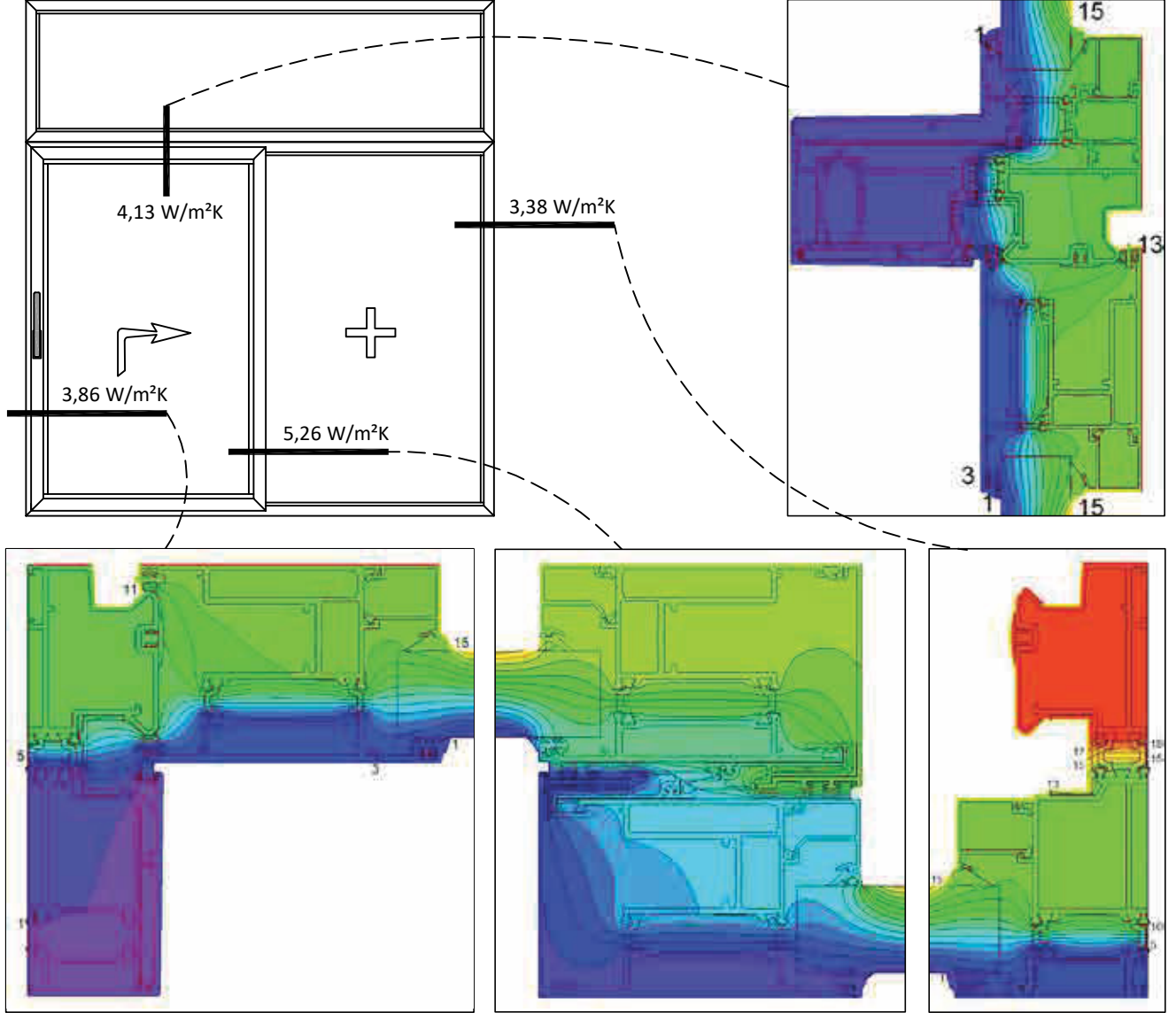
PERFORMANS TEST SONUÇLARI**PERFORMANCE TEST RESULTS**HAVA GEÇİRGENLİĞİ - EN 12207
(AIR PERMEABILITY)1
(150 Pa)2
(300 Pa)3
(450 Pa)4
(600 Pa)SU SIZDIRMAZLIĞI - EN 12208
(WATERTIGHTNESS)2A
(50 Pa)3A
(100 Pa)4A
(150 Pa)5A
(200 Pa)6A
(250 Pa)7A
(300 Pa)8A
(450 Pa)9A
(600 Pa)E1200
(1200 Pa)RÜZGAR YÜKÜNE DAYANIM - EN 12210
(RESISTANCE TO WIND LOAD)1
(400 Pa)2
(800 Pa)3
(1200 Pa)4
(1600 Pa)5
(2000 Pa)SEHİM KRİTERİ - EN 12210
(DEFLECTION CRITERIA)A
(<L/150)B
(<L/200)C
(<L/300)

** Akredite kuruluştan onaylı orijinal belge görseline katalogun 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

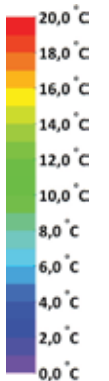
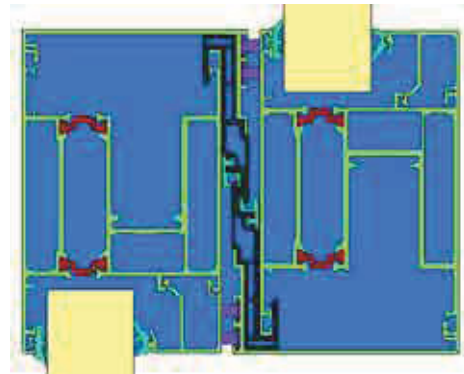
- S65 Lift & Slide sisteminde, ısı transferi analizi yazılımı aracılığıyla oluşturulmuş termal hesap sonuçlarıdır. / These are the thermal calculation results created through the heat transfer analysis software with the S65 Lift & Slide system.



MALZEMELER VE KESİT RENKLENDİRMELERİ / MATERIALS AND SECTION COLORINGS

Material

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



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

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

STATİK HESAPLAMA YÖNTEMİ / STATIC CALCULATION METHOD

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

TS 498 (DIN 1055) , TS EN 13830

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

1-Yatay Rüzgar Yükleri (Horizontal Wind Load)

2-Düşey Cam Yükleri (Vertical Glass Load)

3-Kar Yükleri (Snow Load)

Rüzgar Yükleri (Wind Load) :

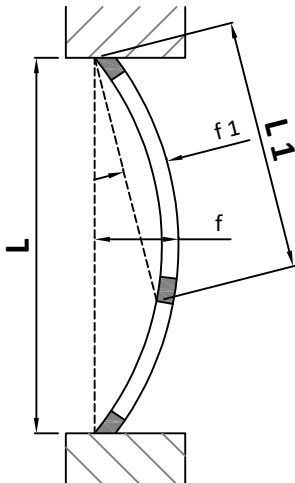
Statik hesaba başlamadan önce rüzgar şekil katsayısı tayin edilerek binanın yüksekliğine göre aşağıdaki tablodan seçilen rüzgar yükü referans değer olarak alınır. (Before the static calculation, first determine the shape coefficient of wind and then according to the height of the building select the 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/m ²) ABSORPTION	RÜZGAR YÜKÜ (kg/m ²) 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)	
$L \leq 3m$	$f = \max. 0,8cm$
$L < 2m$	$f = L / 200$
ARA KAYIT VARSA ; (IF IT HAS TRANSOM)	
a) Camların boyları L1 ; (If the glass height L1)	
$L1 \leq 2,4m$	$f1 \leq L1 / 300$
$L1 > 2,4m$	$f1 \leq 0,8cm$
b) Profillerin boyları L ; (If the profile length L)	
$L \leq 3m$	$f1 \leq L / 200$
$L > 2m$	$f1 \leq L / 300$

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)

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

Diyagramlar Hakkında Bilgi (Information About The Diagrams) :

Tablolarda verilen eğriler; takviyeli ya da takviyesiz olan kenet profillerinin toplam atalet değerine ve 60, 96, 132 ve 156 kg/m² olmak üzere 4 farklı rüzgar yüküne bağlı olarak ayrı ayrı çizilmiştir. Eğrilerin altında kalan taralı bölgeler o rüzgar yüküne göre "uygulanabilir" ebatları ifade etmektedir.

(The curves in the table; drew according to the inertia value of the clamp profiles and the wind loads of 60, 96, 132 and 156 kg/m². The hatched area below the curves according to the selected wind load mean "applicable" dimensions.)

Açılım Mekanizmasının Çalışma Limitleri (Limits of Opening Accessory) :

Minimum-Maksimum Kanat Genişlikleri (Minimum-Maximum Sash Width) : 700mm - 3000mm

Minimum-Maksimum Kanat Yükseklikleri (Minimum-Maximum Sash Height) : 850mm - 3250mm

Maksimum Toplam Kanat Ağırlığı (Maximum Total Sash Weight) : 400 Kg

Statik Hesaplamaların Sınırları (Limits of Static Calculations) :

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

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

Sehim Kriteri (Deflection Criteria) : H / 300

DİYAGRAM - 1 DIAGRAM - 1

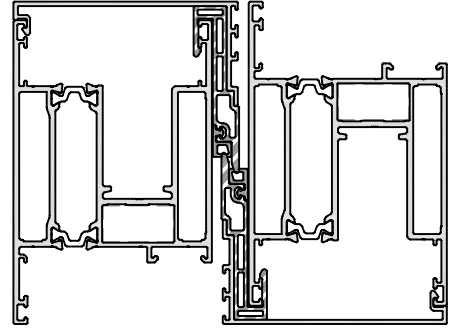
TAKVİYESİZ KENET İÇİN STATİK DİYAGRAMI STATIC DIAGRAM FOR CLAMP WITHOUT REINFORCEMENT



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

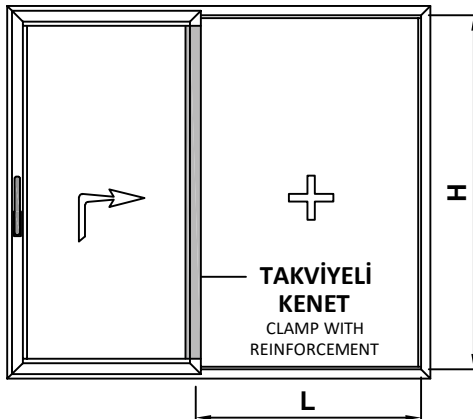
TOPLAM STATİK DEĞER:
TOTAL STATIC VALUE

110 cm⁴



DİYAGRAM - 2 DIAGRAM - 2

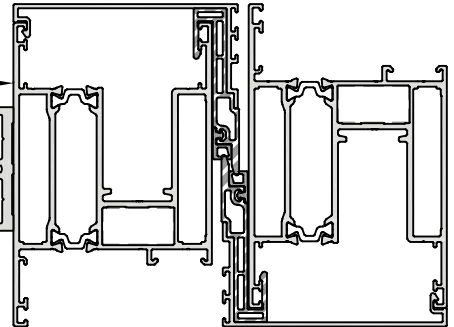
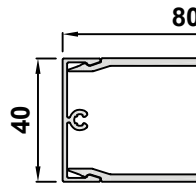
TAKVİYELİ KENET İÇİN STATİK DİYAGRAMI STATIC DIAGRAM FOR CLAMP WITH REINFORCEMENT



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

TOPLAM STATİK DEĞER:
TOTAL STATIC VALUE

220 cm⁴

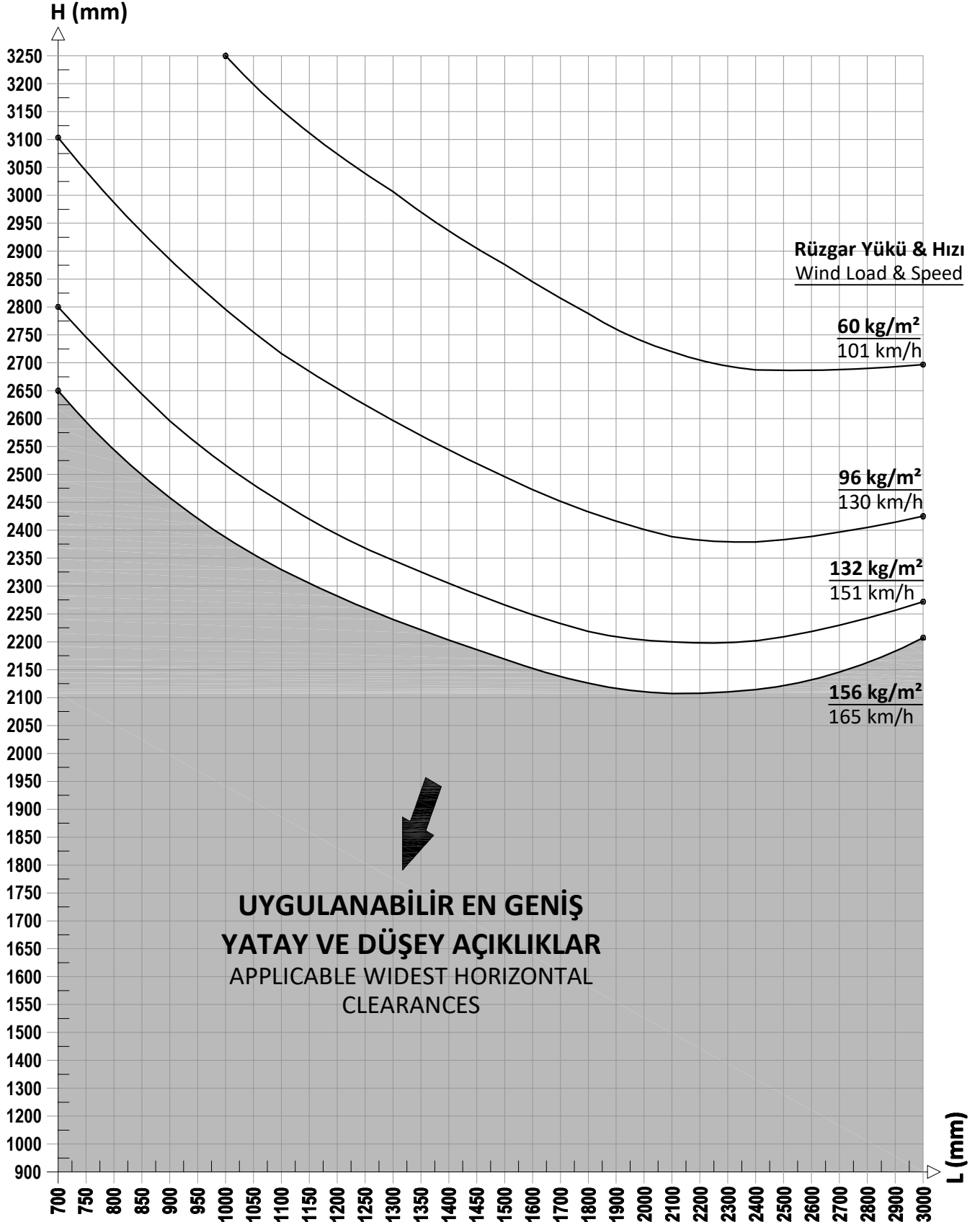


RÜZGAR YÜKÜNE BAĞLI KULLANIM LİMİTLERİ DİYAGRAMLARI

USAGE LIMITS DIAGRAMS ACCORDING TO THE WIND LOAD & SPEED

DİYAGRAM - 1

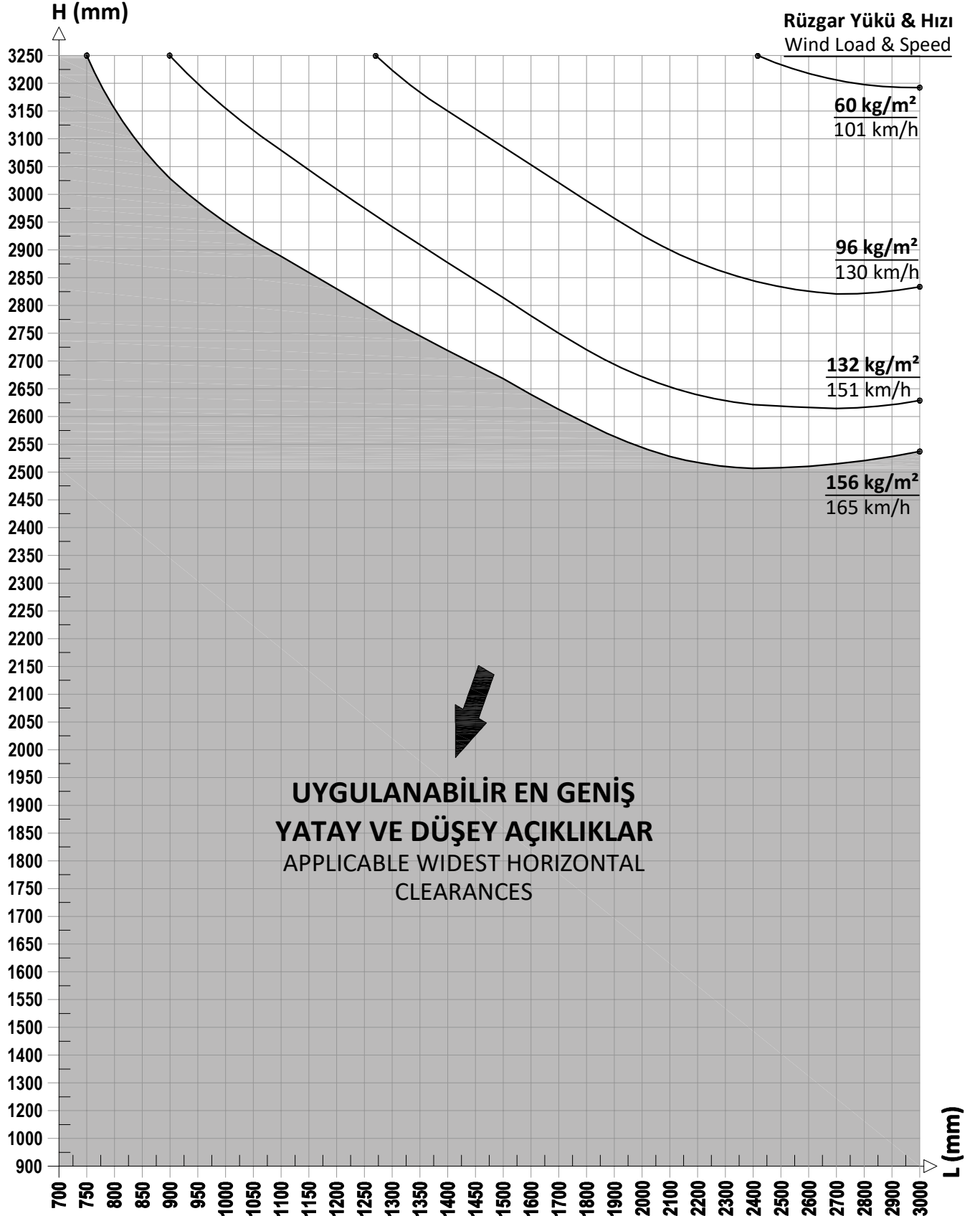
DIAGRAM - 1



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

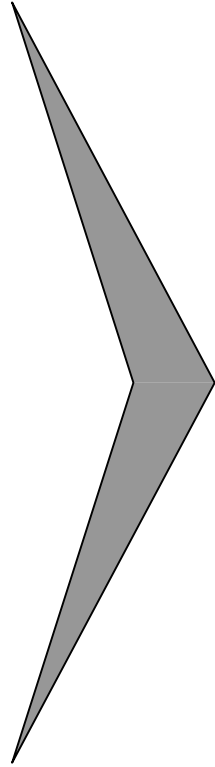
DİYAGRAM - 2

DIAGRAM - 2



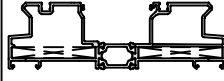
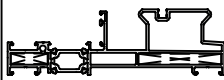
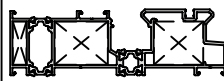
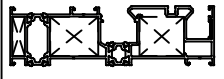
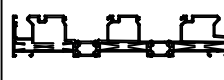
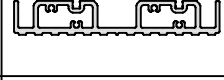
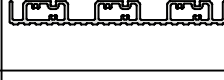
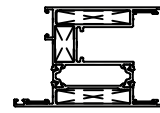
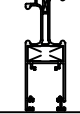
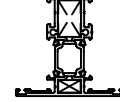
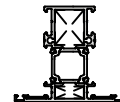
PROFİL FİHRİSTİ

PROFILE INDEX

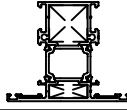
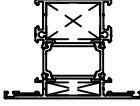
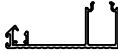
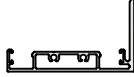
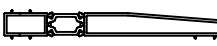
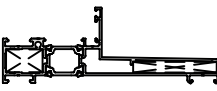
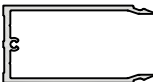


- KATALOGDA BELİRTİLEN TÜM PROFİL AĞIRLIKLARI TEORİK OLUP PROFİLLERİN PRES(HAM) HALLERİNE AİTTİR. ISI BARIYERİ ÇEŞİDİNE VEYA PROFİL YÜZEYİNDEKİ BOYA KALINLIKLARINA BAĞLI OLARAK AĞIRLIK FARKLILIKLARI OLUŞABİLMEKTEDİR. WEIGHTS IN THIS CATALOGUE ARE THEORETICAL AND BELONG TO MILL FINISH SURFACE. ACCORDING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

PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
S3-101	KASA PROFİLİ (140.4 mm/1.6 mm) FRAME PROFILE		POLYAMİD 2,467	15
S3-108	KASA PROFİLİ (146.9 mm/1.6 mm) FRAME PROFILE		POLYAMİD 2,660	15
S3-102	KASA PROFİLİ (140.4 mm/1.6 mm) FRAME PROFILE		POLYAMİD 2,455	16
S3-105	KASA PROFİLİ (140.4 mm/1.6 mm) FRAME PROFILE		POLYAMİD 2,698	16
S3-106	KASA PROFİLİ (146.9 mm/1.6 mm) FRAME PROFILE		POLYAMİD 2,898	16
S3-103	KASA PROFİLİ (216.6 mm/1.6 mm) FRAME PROFILE		POLYAMİD 3,806	17
S3-107	KASA PROFİLİ (223.1 mm/1.6 mm) FRAME PROFILE		POLYAMİD 3,962	17
S3-104	KASA PROFİLİ (216.6 mm/1.6 mm) FRAME PROFILE		POLYAMİD 3,737	18
S3-109	EŞİK KASA PROFİLİ (152.4 mm/3.5 mm) FRAME PROFILE		3,905	19
S3-110	EŞİK KASA PROFİLİ (228.6 mm/3.5 mm) FRAME PROFILE		5,709	19
S3-515	SİNEKLİK RAY KASA PROFİLİ (42.7 mm/1.5 mm) FRAME PROFILE FOR INSECT SCREEN RAIL		0,709	23
S3-201	PENCERE KANAT PROFİLİ (98.5 mm/1.8 mm) CASEMENT PROFILE FOR WINDOW		POLYAMİD 2,389	18
S3-514	SİNEKLİK KANAT PROFİLİ (94 mm/1.6 mm) SASH PROFILE FOR INSECT SCREEN		1,420	23
W6-301	ORTA KAYIT PROFİLİ (29 mm/2 mm) TRANSOM PROFILE		POLYAMİD 1,580	20
W6-308	ORTA KAYIT PROFİLİ (34 mm/2 mm) TRANSOM PROFILE		POLYAMİD 1,689	20

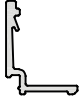
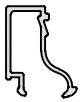
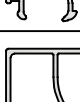
PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W6-302	ORTA KAYIT PROFİLİ (39 mm/2 mm) TRANSOM PROFILE		POLYAMID 1,797	20
W6-303	ORTA KAYIT PROFİLİ (49 mm/2 mm) TRANSOM PROFILE		POLYAMID 2,014	20
S3-513	ADAPTÖR PROFİLİ (13.7 mm/1.5mm) ADAPTER PROFILE		0,216	23
S3-505	ADAPTÖR PROFİLİ (29.1 mm/1.5 mm) ADAPTER PROFILE		0,223	23
S3-512	ADAPTÖR KAPAK PROFİLİ (11.4 mm/1.6 mm) ADAPTER PROFILE		0,426	22
S3-504	ADAPTÖR PROFİLİ (29.7 mm/1.5 mm) ADAPTER PROFILE		0,705	22
S3-502	ADAPTÖR PROFİLİ (33.8 mm/1.4 mm) ADAPTER PROFILE		0,487	22
S3-503	ADAPTÖR PROFİLİ (34.4 mm/1.5 mm) ADAPTER PROFILE		0,561	22
S3-511	ADAPTÖR PROFİLİ (47.3 mm/2 mm) ADAPTER PROFILE		1,300	22
S3-516	ADAPTÖR PROFİLİ (72.7 mm/1.6 mm) ADAPTER PROFILE		0,721	22
S3-517	ADAPTÖR PROFİLİ (72.7 mm/1.6 mm) ADAPTER PROFILE		0,765	22
S3-501	ADAPTÖR PROFİLİ (64.2 mm/1.6 mm) ADAPTER PROFILE		POLYAMID 1,100	21
S3-508	ADAPTÖR PROFİLİ (140.4 mm/1.6 mm) ADAPTER PROFILE		POLYAMID 1,482	21
S3-507	ADAPTÖR PROFİLİ (140.4 mm/1.6 mm) ADAPTER PROFILE		POLYAMID 1,994	21
S80-503	TAKVİYE PROFİLİ (40 mm/2.4 mm) REINFORCEMENT PROFILE		1,348	18

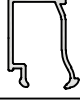
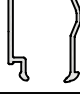
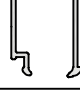
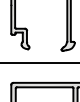
PROFİL FİHRİSTİ / PROFILE INDEX

[illegible]

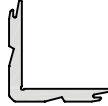
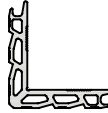
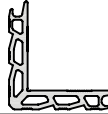
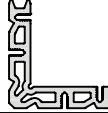
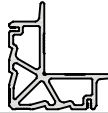
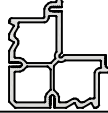
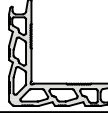
PROFİL FİHRİSTİ / PROFILE INDEX

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	24
W-512	CAM ÇİTASI (24.5mm/7.5 mm) GLASS BEAM		0,214	24
W-513	CAM ÇİTASI (24.5mm/11.5 mm) GLASS BEAM		0,229	24
W-514	CAM ÇİTASI (24.5mm/15.5 mm) GLASS BEAM		0,234	24
W-515	CAM ÇİTASI (24.5mm/19.5 mm) GLASS BEAM		0,264	24
W-516	CAM ÇİTASI (24.8mm/23.5 mm) GLASS BEAM		0,278	24
W-517	CAM ÇİTASI (24.5mm/27.5 mm) GLASS BEAM		0,292	24
W-518	CAM ÇİTASI (24.5mm/31.5 mm) GLASS BEAM		0,306	24
W-519	CAM ÇİTASI (24.4mm/35.5 mm) GLASS BEAM		0,320	24
W-520	CAM ÇİTASI (24.5mm/39.5 mm) GLASS BEAM		0,334	24

PROFİL FİHRİSTİ / PROFILE INDEX

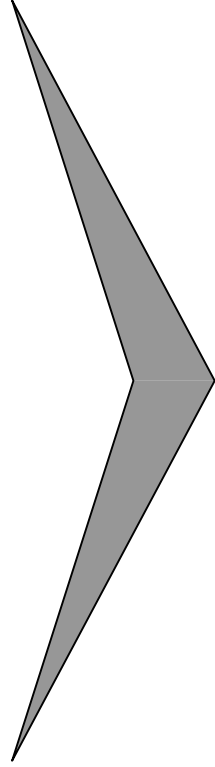
PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
W-511-a	CAM ÇİTASI (24.4mm/3.5 mm) GLASS BEAM		0,203	25
W-512-a	CAM ÇİTASI (24.5mm/7.5 mm) GLASS BEAM		0,211	25
W-513-a	CAM ÇİTASI (24.4mm/11.5 mm) GLASS BEAM		0,219	25
W-514-a	CAM ÇİTASI (24.4mm/15.5 mm) GLASS BEAM		0,225	25
W-515-a	CAM ÇİTASI (24.4mm/19.5 mm) GLASS BEAM		0,238	25
W-516-a	CAM ÇİTASI (24.4mm/23.5 mm) GLASS BEAM		0,265	25
W-517-a	CAM ÇİTASI (24.4mm/27.5 mm) GLASS BEAM		0,278	25
W-518-a	CAM ÇİTASI (24.4mm/31.5 mm) GLASS BEAM		0,291	25
W-519-a	CAM ÇİTASI (24.4mm/35.5 mm) GLASS BEAM		0,304	25
W-520-a	CAM ÇİTASI (24.4mm/39.5 mm) GLASS BEAM		0,317	25
W-521-a	CAM ÇİTASI (24.4mm/43.5 mm) GLASS BEAM		0,330	25
W-522-a	CAM ÇİTASI (24.4mm/29.5 mm) GLASS BEAM		0,284	25

PROFİL FİHRİSTİ / PROFILE INDEX

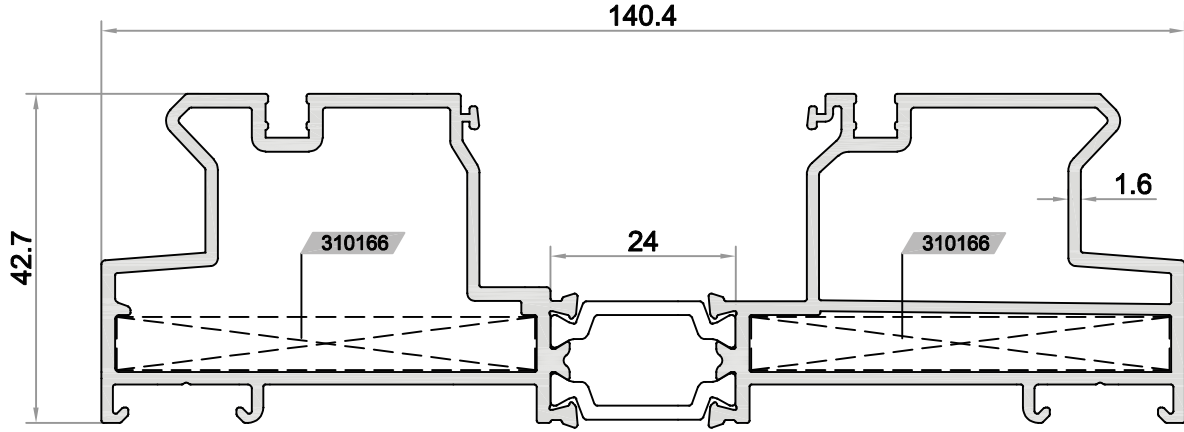
PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
S3-601	ORTA KAYIT BİRLEŞTİRME (38.4 mm/17.6 mm) VERTICAL CONNECTION		0,545	29
SC0309	KÖŞE BİRLEŞTİRME (55 mm/55 mm) CORNER CLEATS		1,636	29
FP521	KÖŞE BİRLEŞTİRME (70 mm/70 mm) CORNER CLEATS		2,366	29
SC0308	KÖŞE BİRLEŞTİRME (70 mm/70 mm) CORNER CLEATS		2,392	27
W-601	KÖŞE BİRLEŞTİRME (74 mm/74 mm) CORNER CLEATS		3,428	27
S3-602	KÖŞE BİRLEŞTİRME (85.9 mm/28.1 mm) CORNER CLEATS		3,853	29
W-614	KÖŞE BİRLEŞTİRME (100 mm/100 mm) CORNER CLEATS		5,318	28
W-604	KÖŞE BİRLEŞTİRME (101 mm/47.6 mm) CORNER CLEATS		5,539	28
W-611	KÖŞE BİRLEŞTİRME (116 mm/61.6mm) CORNER CLEATS		2,520	27
W-607	DİKEY BAĞLANTI (36.9 mm/8.2 mm) VERTICAL CONNECTION		0,431	29
W-617	DİKEY BAĞLANTI (58 mm/23.5 mm) VERTICAL CONNECTION		1,154	29

PROFİLLER

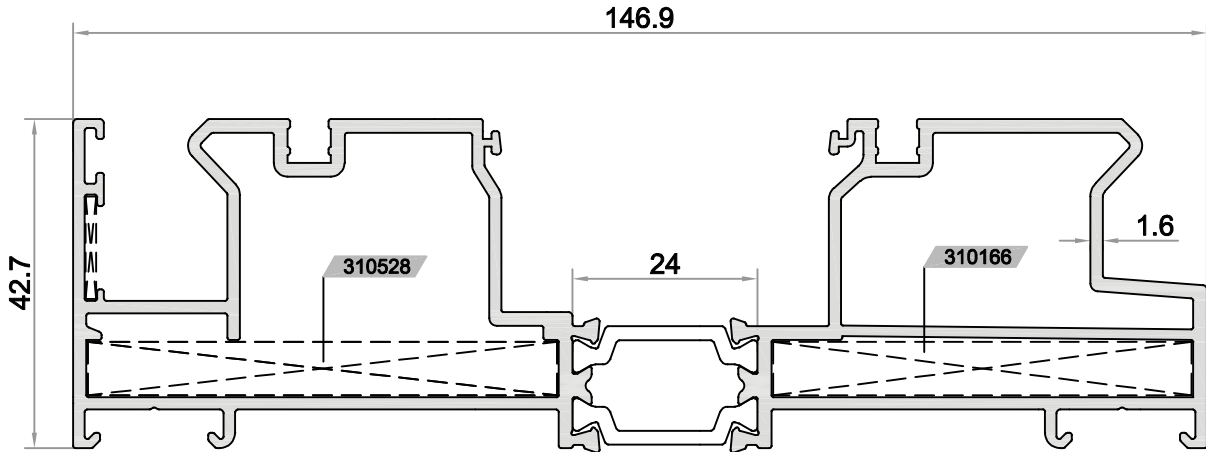
PROFILES



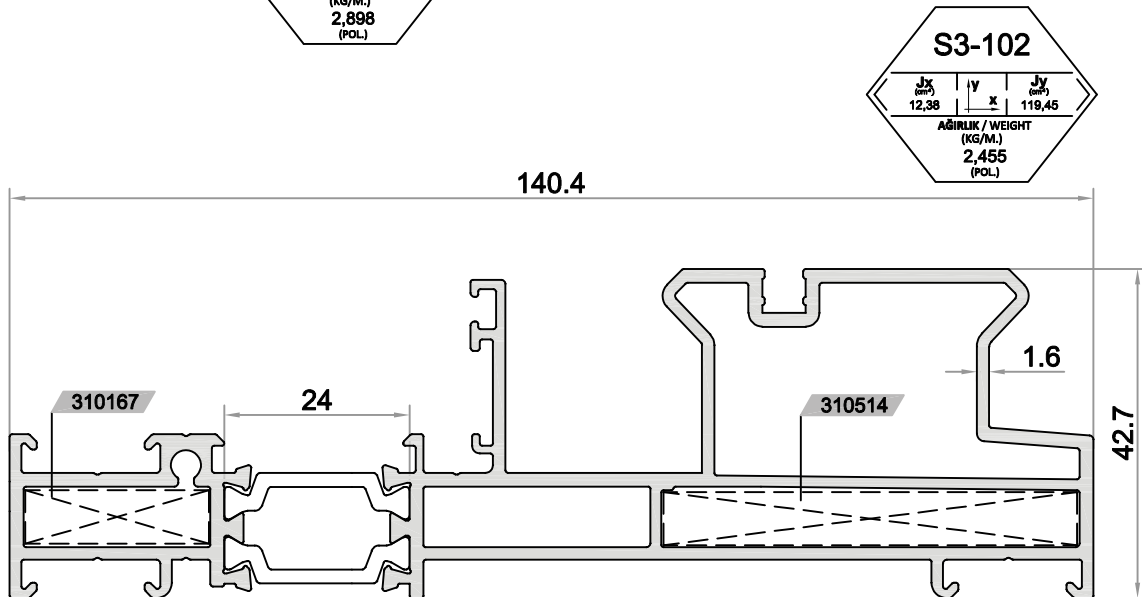
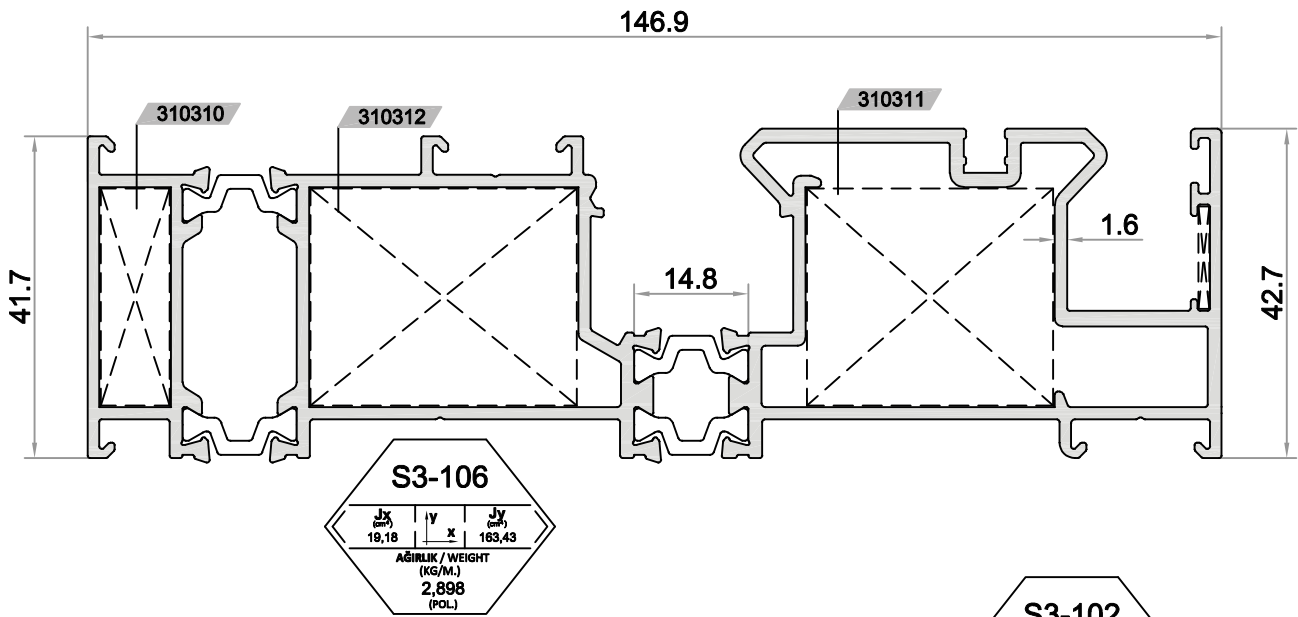
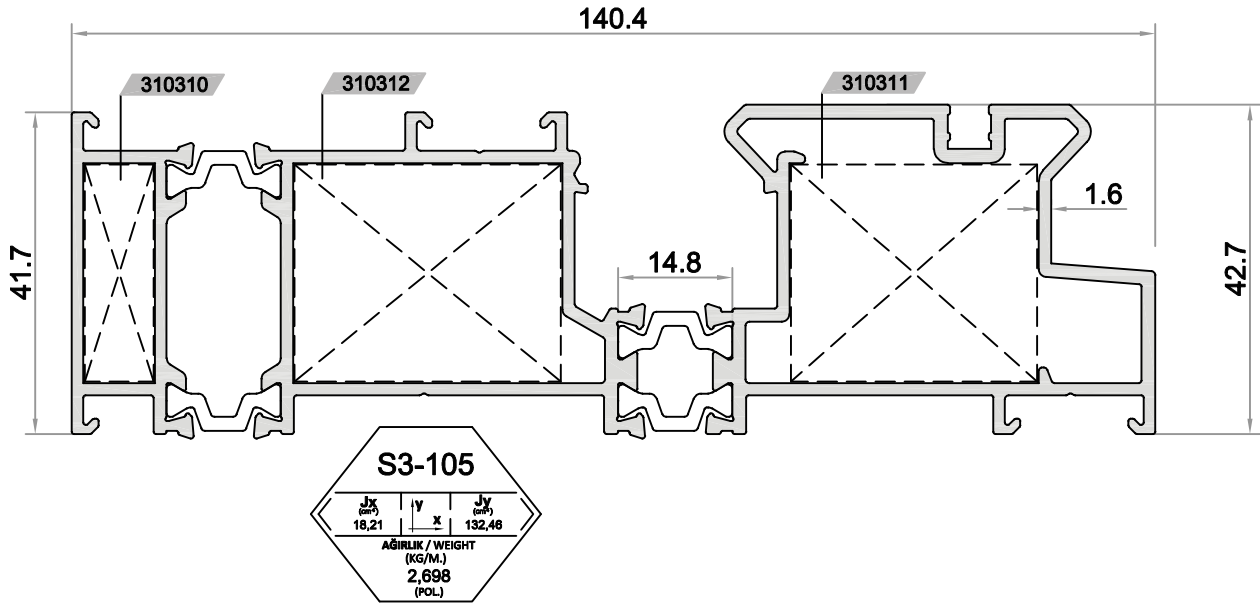
- KATALOGDA BELİRTİLEN TM PROFİL AĞIRLIKLARI TEORİK OLUP PROFİLLERİN PRES(HAM) HALLERİNE AİTTİR. ISI BARİYERİ ÇEŞİDİNE VEYA PROFİL YZEYİNDEKİ BOYA KALINLIKLARINA BAĞLI OLARAK AĞIRLIK FARKLILIKLARI OLUŞABİLMEKTEDİR. WEIGHTS IN THIS CATALOGUE ARE THEORETICAL AND BELONG TO MILL FINISH SURFACE. ACCORDING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

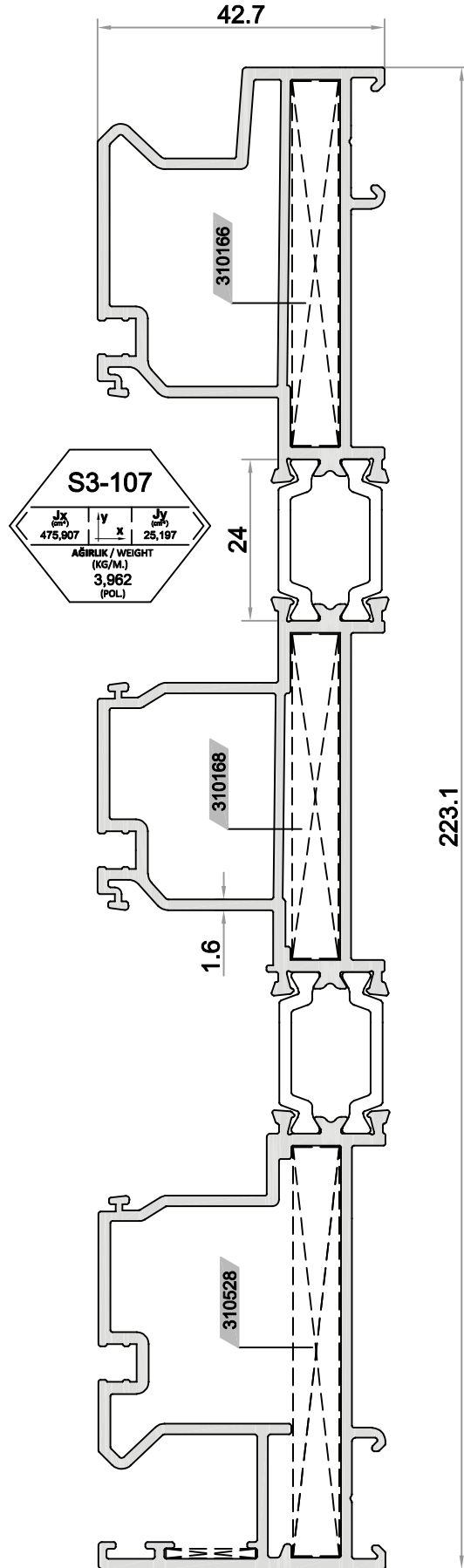
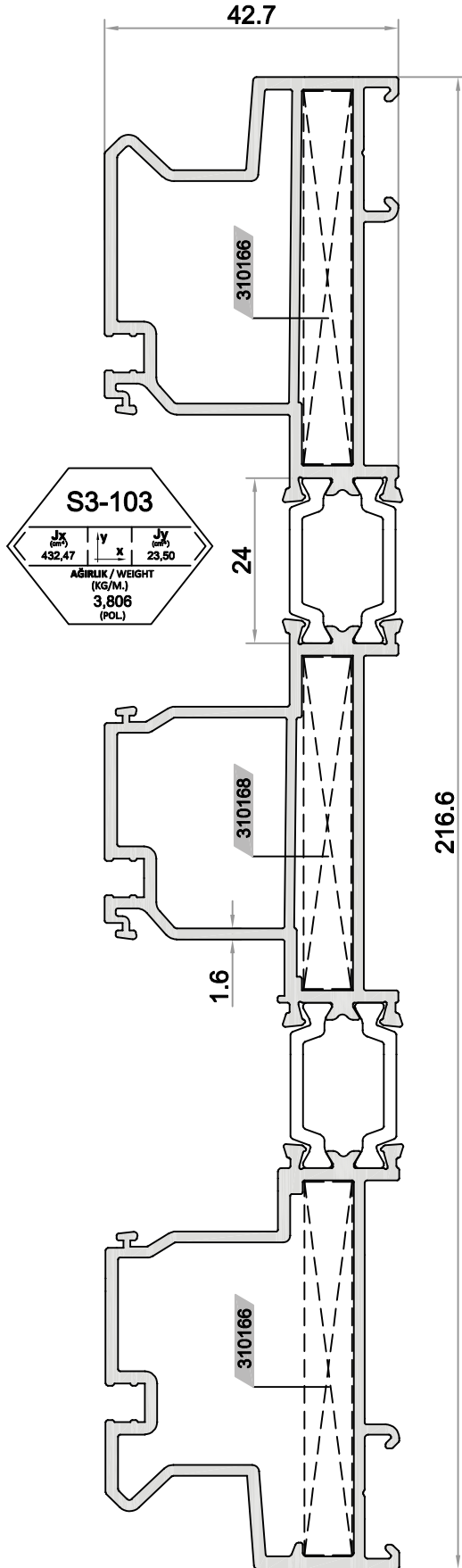


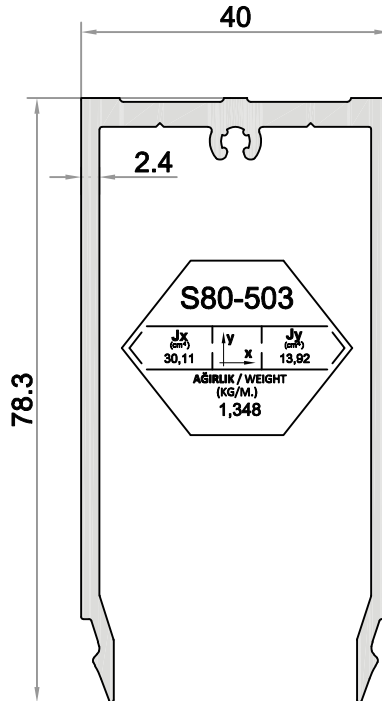
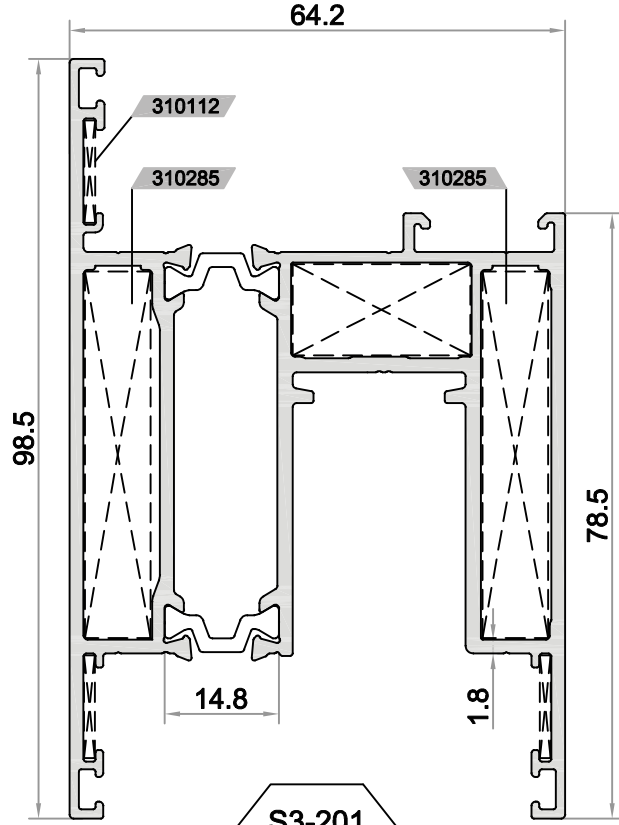
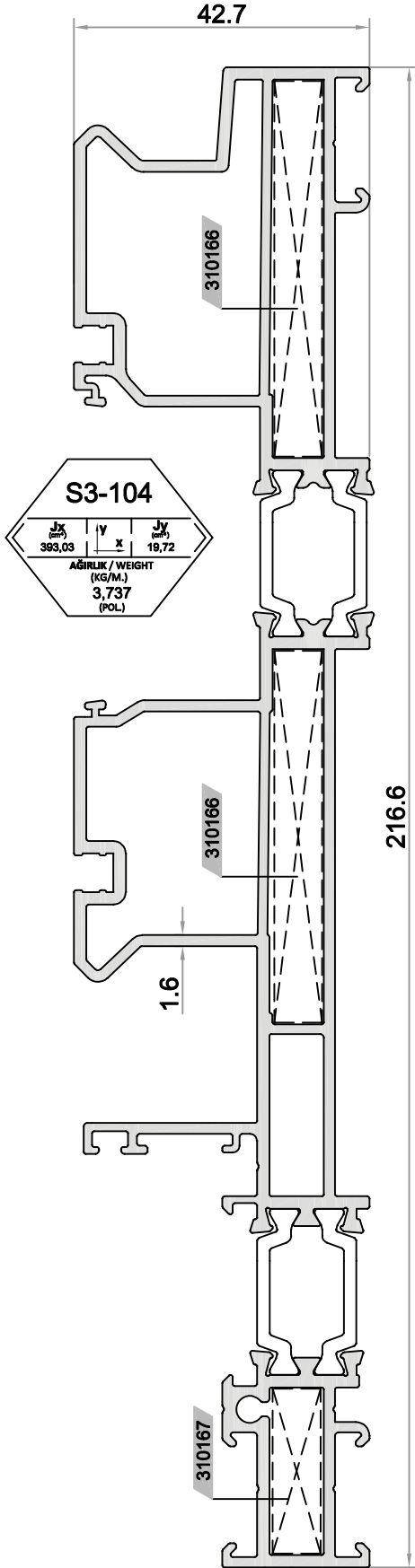
S3-101				
J_x (cm ⁴)	y	x	J_y (cm ⁴)	
16,34			138,46	
AĞIRLIK / WEIGHT (KG/M.)				
2,467				
(POL.)				

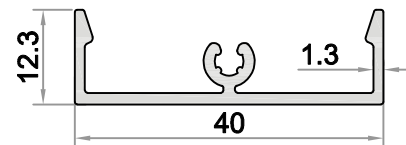
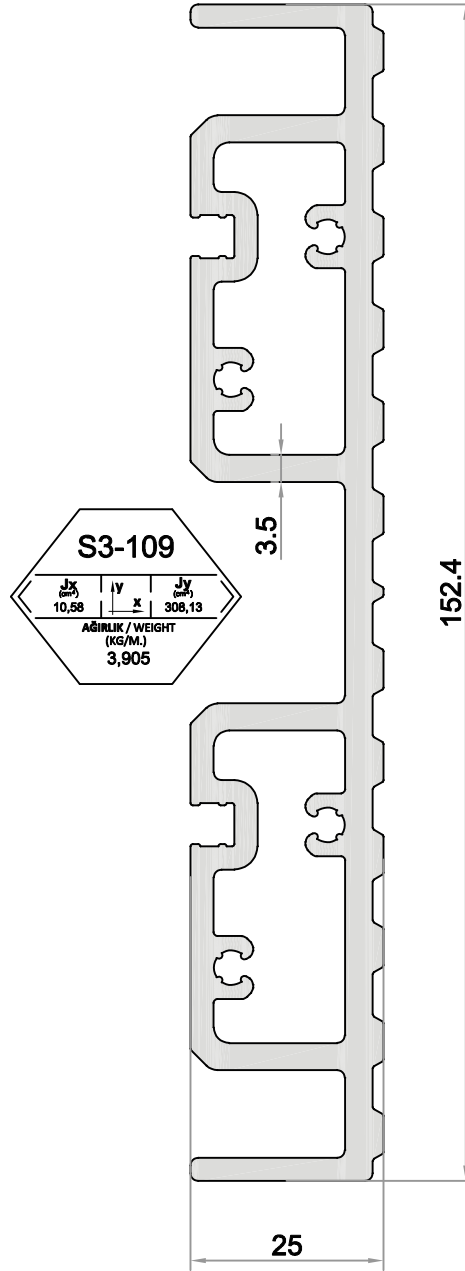
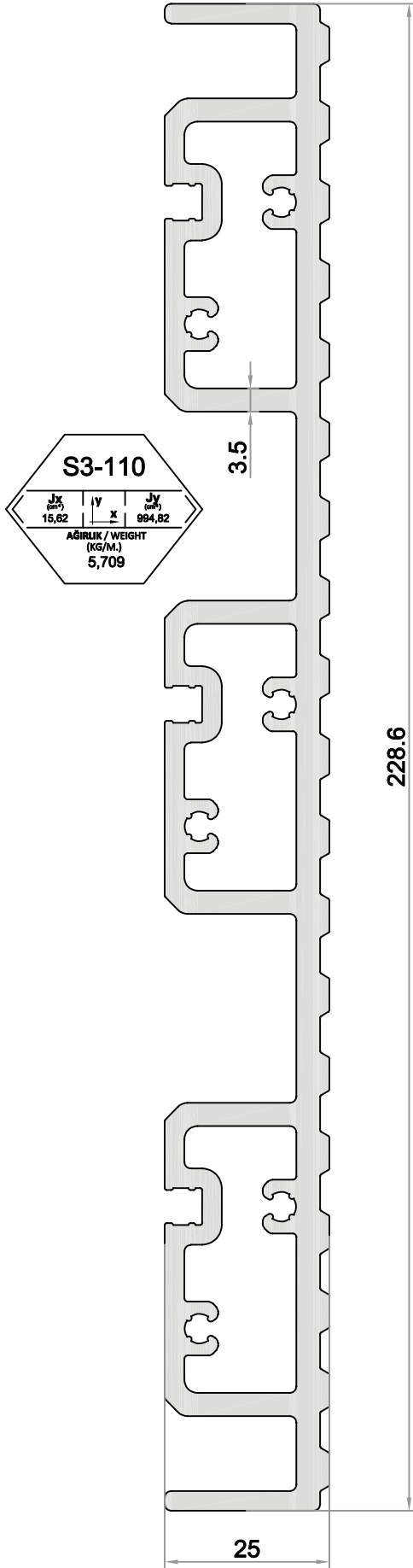


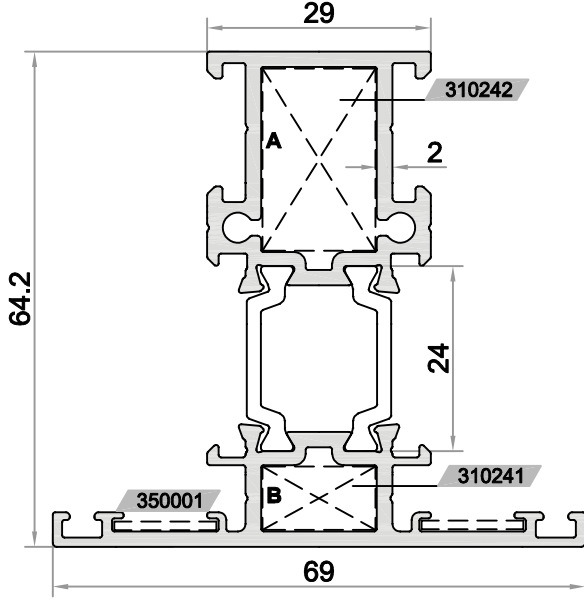
S3-108				
J_x (cm ⁴)	y	x	J_y (cm ⁴)	
17,79			159,36	
AĞIRLIK / WEIGHT (KG/M.)				
2,660				
(POL.)				



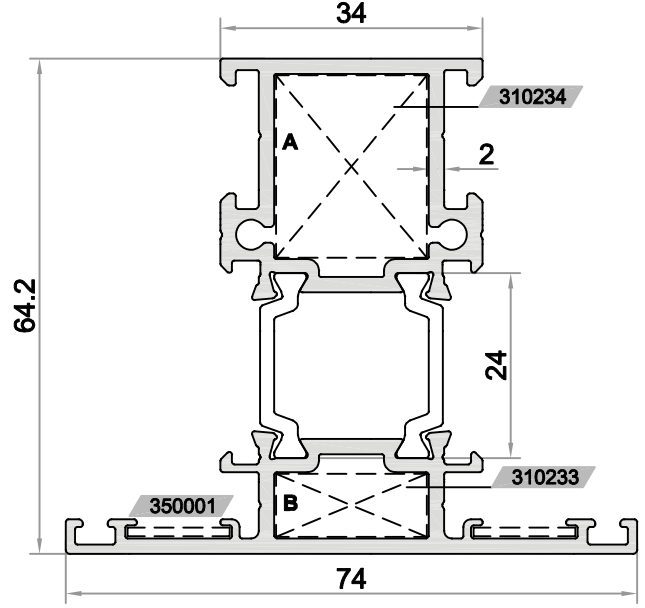




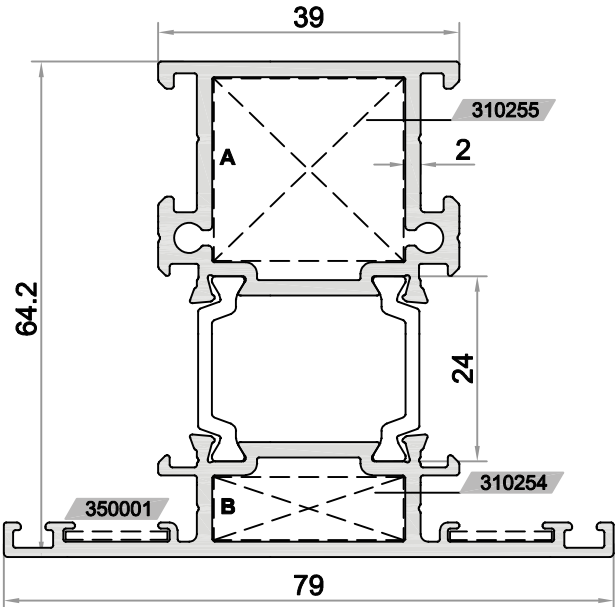




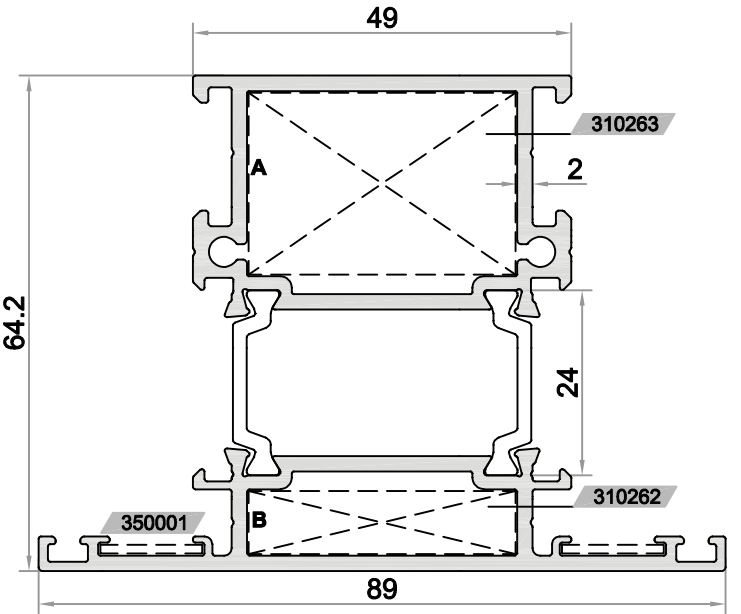
W6-301			MEKANİK KÖŞE TAKOZLARI MECHANIC CORNER CLEATS	
Jx (cm ⁴)	Iy (cm ⁴)	Jy (cm ⁴)	310179(A)	310178(B)
20,84	x	9,43	310452 (A)	310364 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,580 (POL.)				



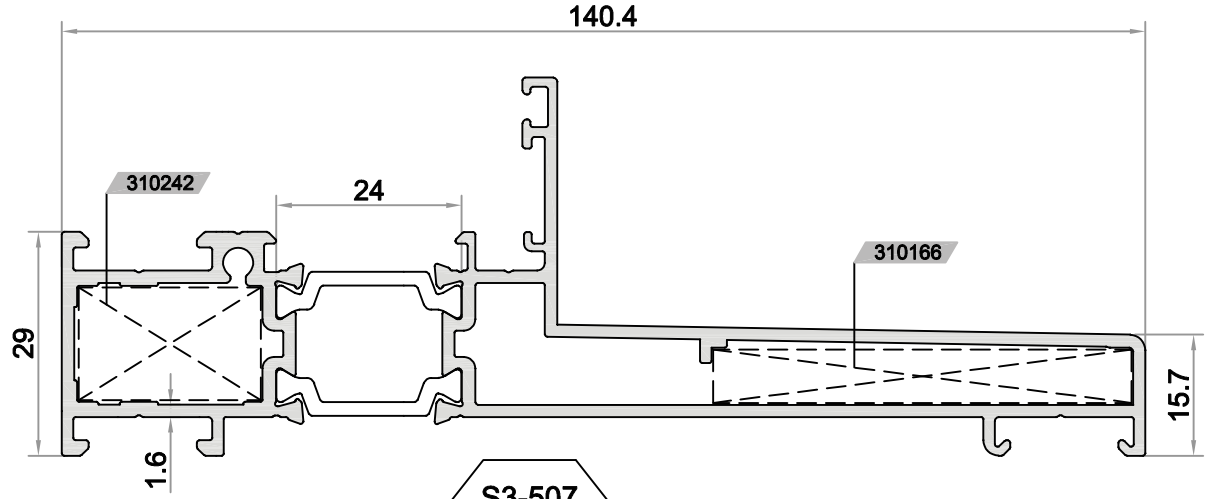
W6-308			MEKANİK KÖŞE TAKOZLARI MECHANIC CORNER CLEATS	
Jx (cm ⁴)	Iy (cm ⁴)	Jy (cm ⁴)	310175(A)	310174(B)
22,55	x	12,85	310453 (A)	310370 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,689 (POL.)				



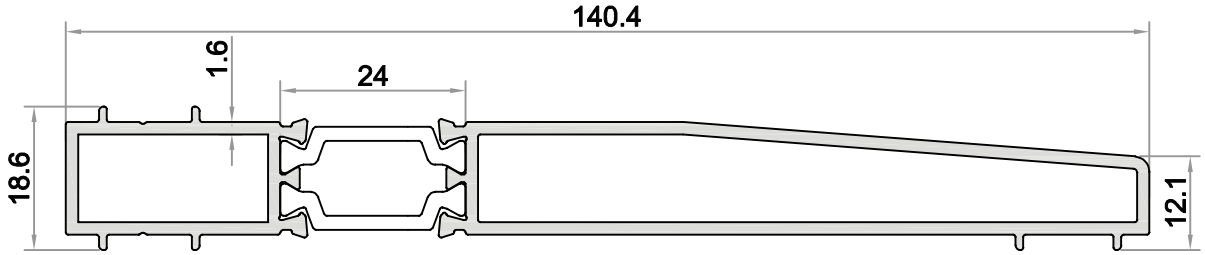
W6-302			MEKANİK KÖŞE TAKOZLARI MECHANIC CORNER CLEATS	
Jx (cm ⁴)	Iy (cm ⁴)	Jy (cm ⁴)	310189(A)	310188(B)
24,26	x	16,59	310454 (A)	310365 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
1,797 (POL.)				



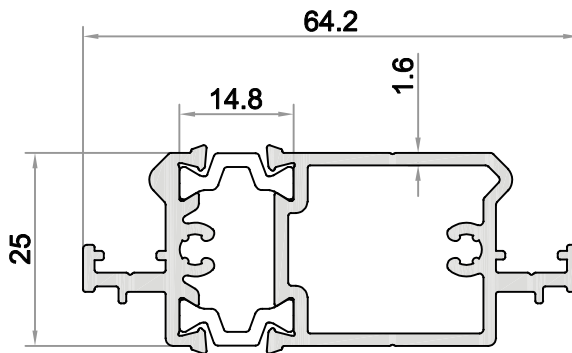
W6-303			MEKANİK KÖŞE TAKOZLARI MECHANIC CORNER CLEATS	
Jx (cm ⁴)	Iy (cm ⁴)	Jy (cm ⁴)	310197(A)	310196(B)
27,85	x	28,76	310455 (A)	310366 (B)
AĞIRLIK / WEIGHT (KG/M.)			DİKEY BAĞLANTILAR TRANSOM CONNECTIONS	
2,014 (POL.)				



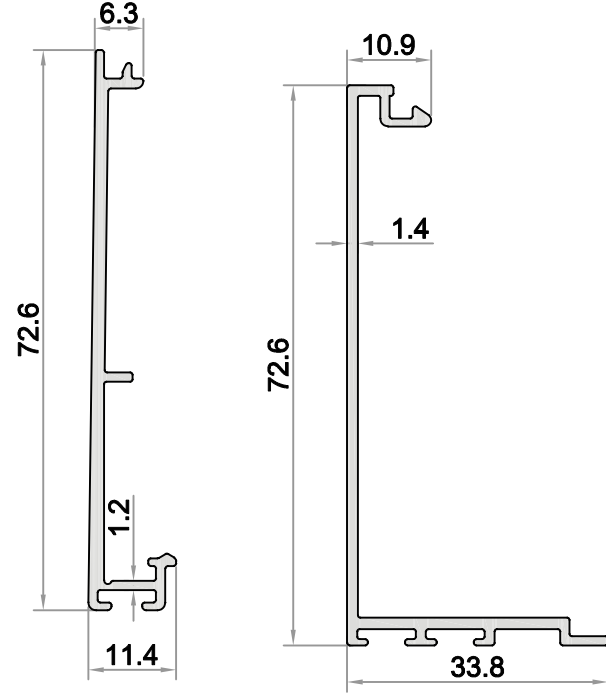
S3-507		
J_x (mm ⁴)	I_y X	J_y (mm ⁴)
6,78		97,89
AĞIRLIK / WEIGHT (KG/M.)		
1,994 (POL.)		



S3-508		
J_x (mm ⁴)	I_y X	J_y (mm ⁴)
1,6		73,29
AĞIRLIK / WEIGHT (KG/M.)		
1,482 (POL.)		

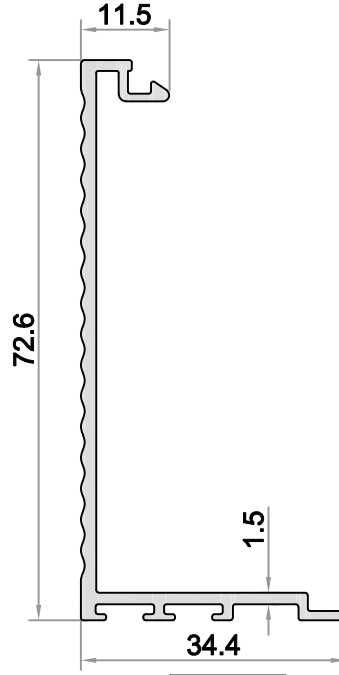


S3-501		
J_x (mm ⁴)	I_y X	J_y (mm ⁴)
9,87		2,35
AĞIRLIK / WEIGHT (KG/M.)		
1,100 (POL.)		

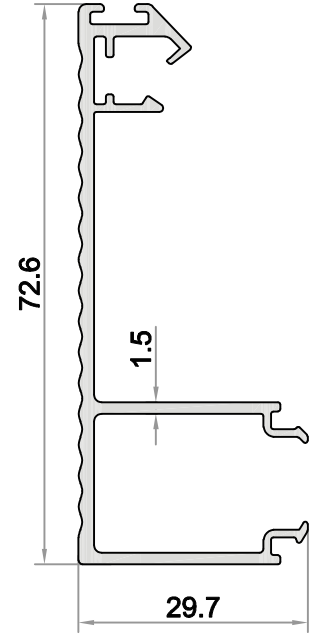


S3-512
AĞIRLIK / WEIGHT
(KG/M.)
0,426

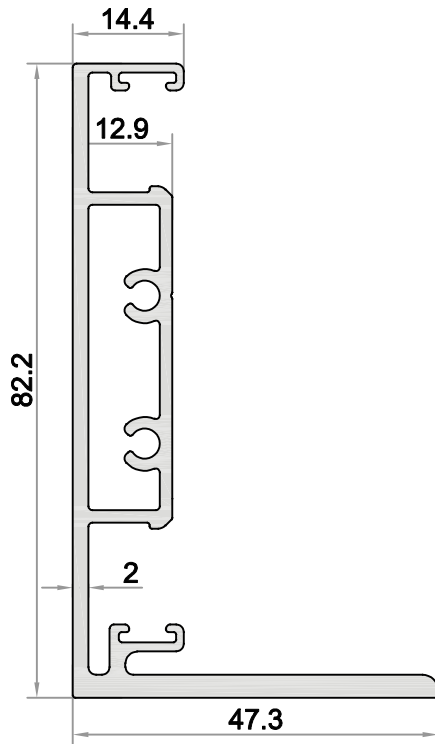
S3-502
AĞIRLIK / WEIGHT
(KG/M.)
0,487



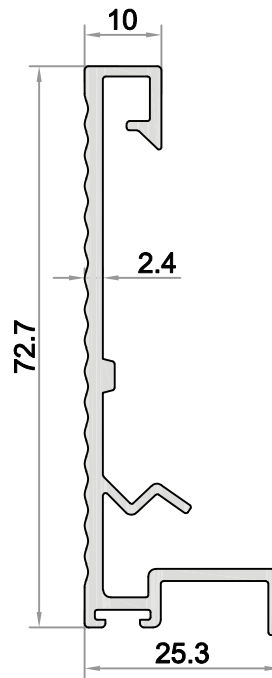
S3-503
AĞIRLIK / WEIGHT
(KG/M.)
0,561



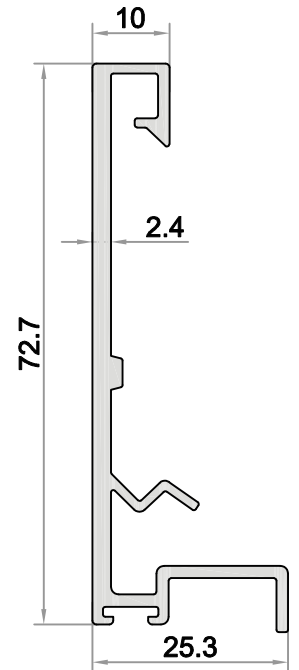
S3-504
AĞIRLIK / WEIGHT
(KG/M.)
0,705



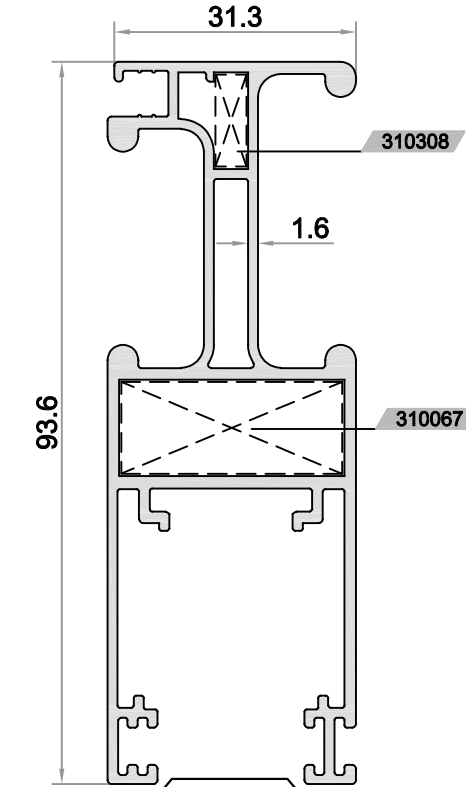
S3-511
AĞIRLIK / WEIGHT
(KG/M.)
1,300



S3-516
AĞIRLIK / WEIGHT
(KG/M.)
0,721

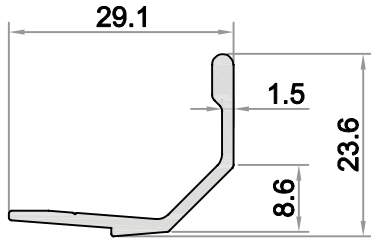


S3-517
AĞIRLIK / WEIGHT
(KG/M.)
0,765



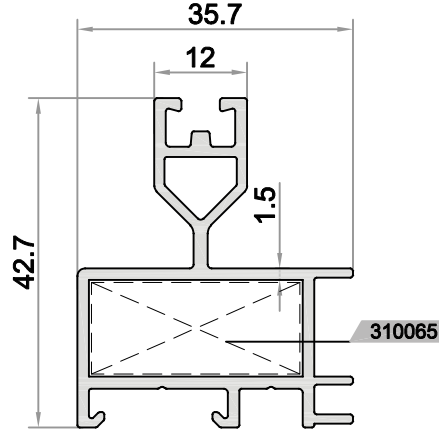
S3-514

AĞIRLIK / WEIGHT
(KG/M.)
1,420



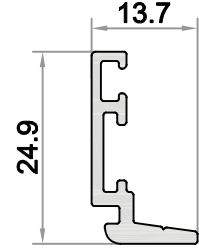
S3-505

AĞIRLIK / WEIGHT
(KG/M.)
0,223



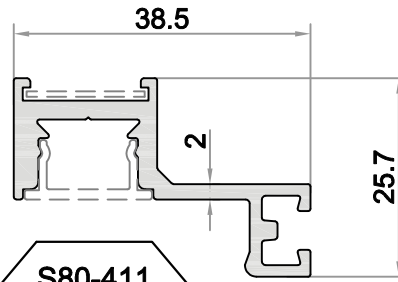
S3-515

AĞIRLIK / WEIGHT
(KG/M.)
0,709



S3-513

AĞIRLIK / WEIGHT
(KG/M.)
0,216

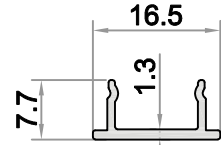


S80-411

AĞIRLIK / WEIGHT
(KG/M.)
0,508

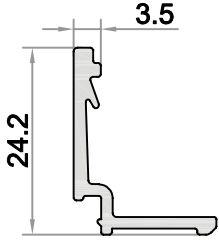


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sales representative
about this profile.

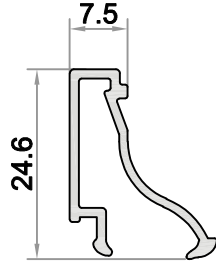


S80-408

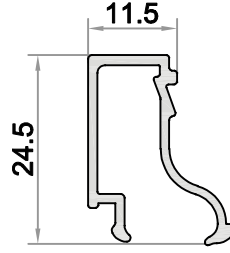
AĞIRLIK / WEIGHT
(KG/M.)
0,92



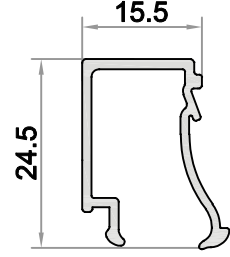
W-511
AĞIRLIK / WEIGHT
(KG/M.)
0,206



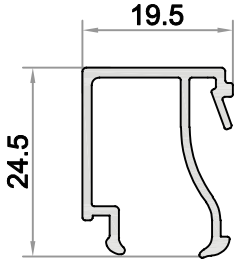
W-512
AĞIRLIK / WEIGHT
(KG/M.)
0,214



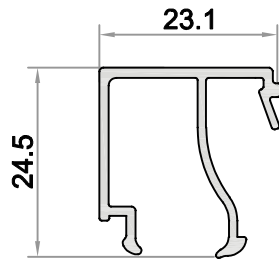
W-513
AĞIRLIK / WEIGHT
(KG/M.)
0,229



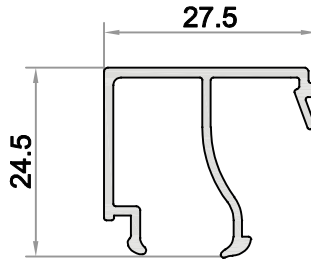
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AĞIRLIK / WEIGHT
(KG/M.)
0,234



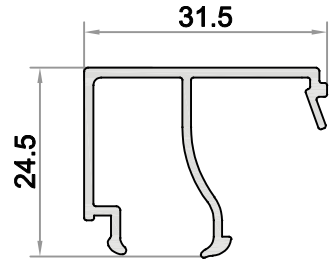
W-515
AĞIRLIK / WEIGHT
(KG/M.)
0,264



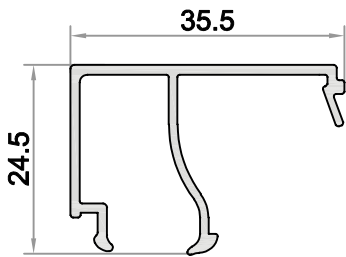
W-516
AĞIRLIK / WEIGHT
(KG/M.)
0,278



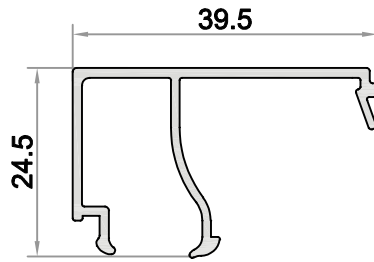
W-517
AĞIRLIK / WEIGHT
(KG/M.)
0,292



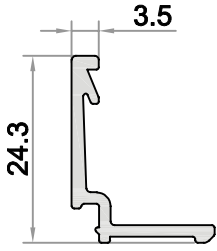
W-518
AĞIRLIK / WEIGHT
(KG/M.)
0,306



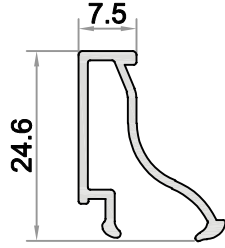
W-519
AĞIRLIK / WEIGHT
(KG/M.)
0,320



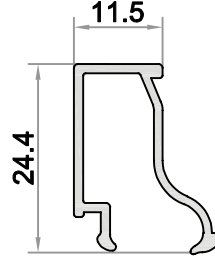
W-520
AĞIRLIK / WEIGHT
(KG/M.)
0,334



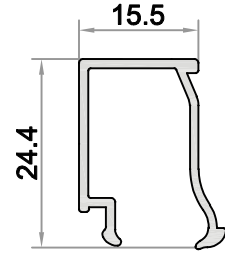
W-511-a
AĞIRLIK / WEIGHT
(KG/M.)
0,203



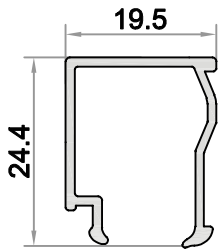
W-512-a
AĞIRLIK / WEIGHT
(KG/M.)
0,211



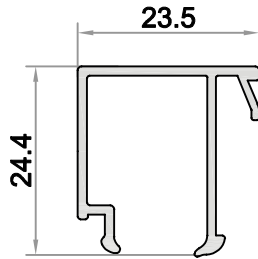
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AĞIRLIK / WEIGHT
(KG/M.)
0,219



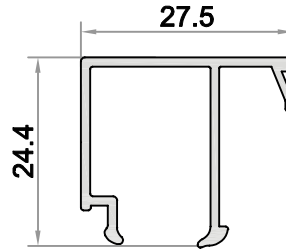
W-514-a
AĞIRLIK / WEIGHT
(KG/M.)
0,225



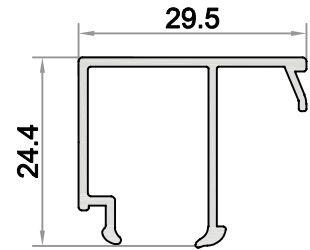
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AĞIRLIK / WEIGHT
(KG/M.)
0,238



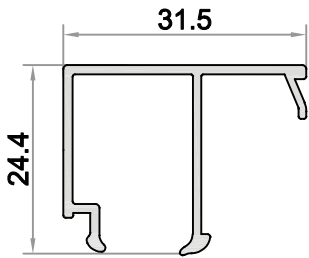
W-516-a
AĞIRLIK / WEIGHT
(KG/M.)
0,265



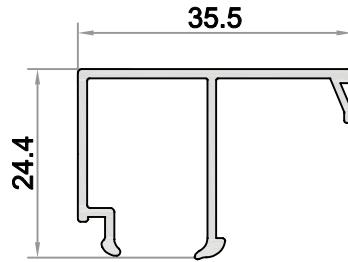
W-517-a
AĞIRLIK / WEIGHT
(KG/M.)
0,278



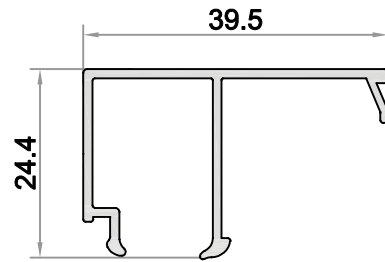
W-522-a
AĞIRLIK / WEIGHT
(KG/M.)
0,284



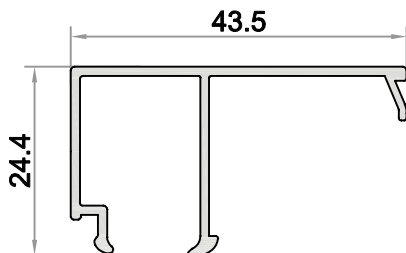
W-518-a
AĞIRLIK / WEIGHT
(KG/M.)
0,291



W-519-a
AĞIRLIK / WEIGHT
(KG/M.)
0,304

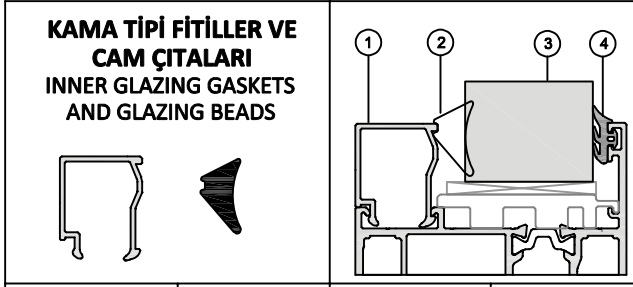


W-520-a
AĞIRLIK / WEIGHT
(KG/M.)
0,317

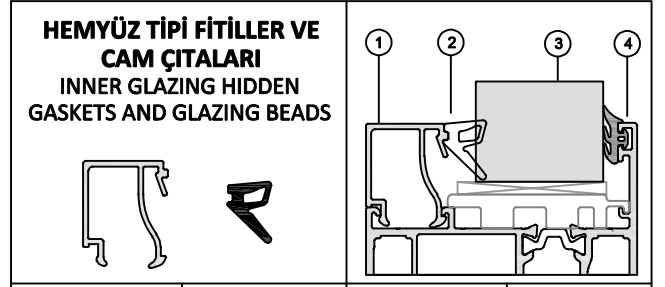


W-521-a
AĞIRLIK / WEIGHT
(KG/M.)
0,330

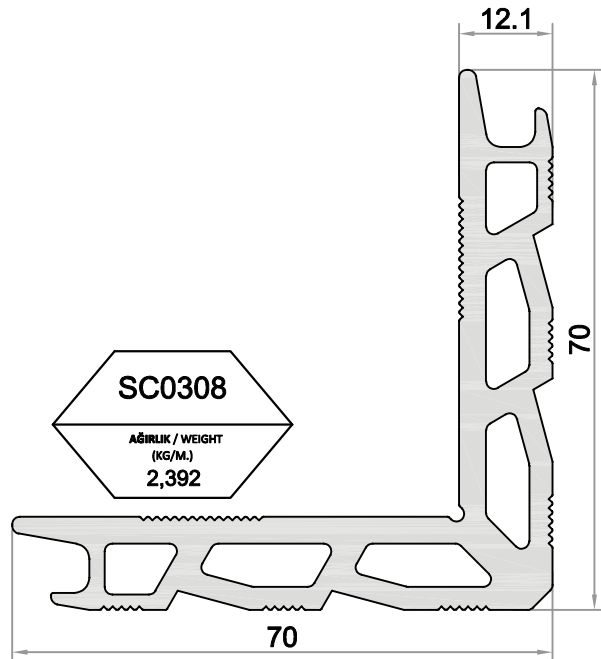
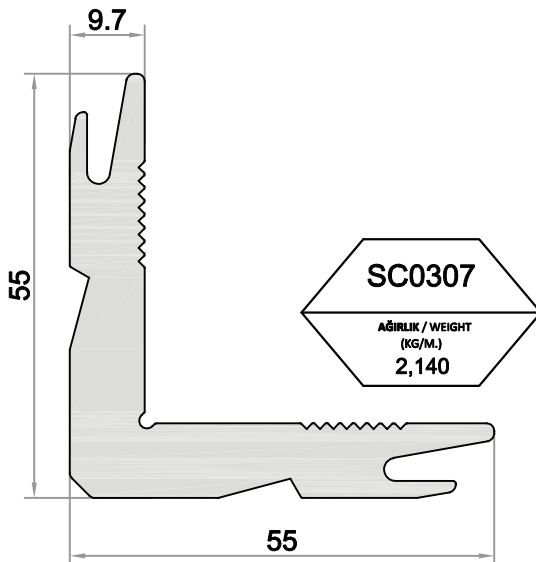
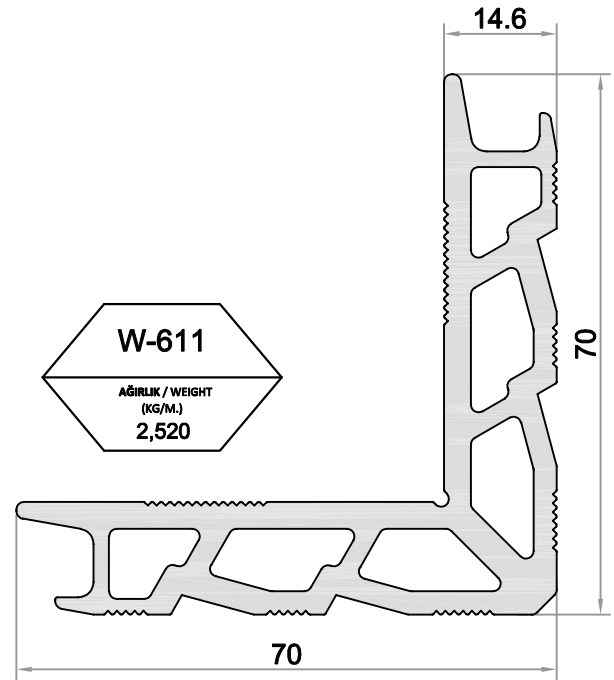
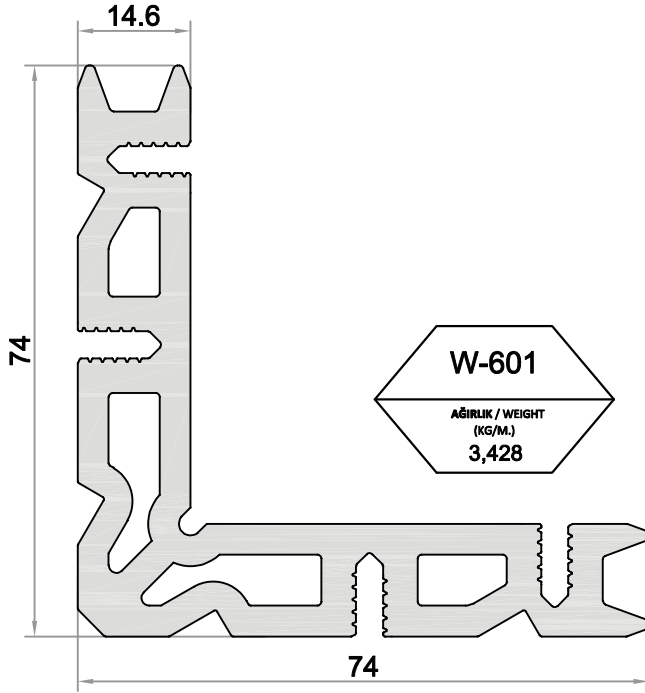
CAM ÇİTASI & FİTİL SEÇİM TABLOSU / SELECTION TABLE FOR GLAZING BEADS

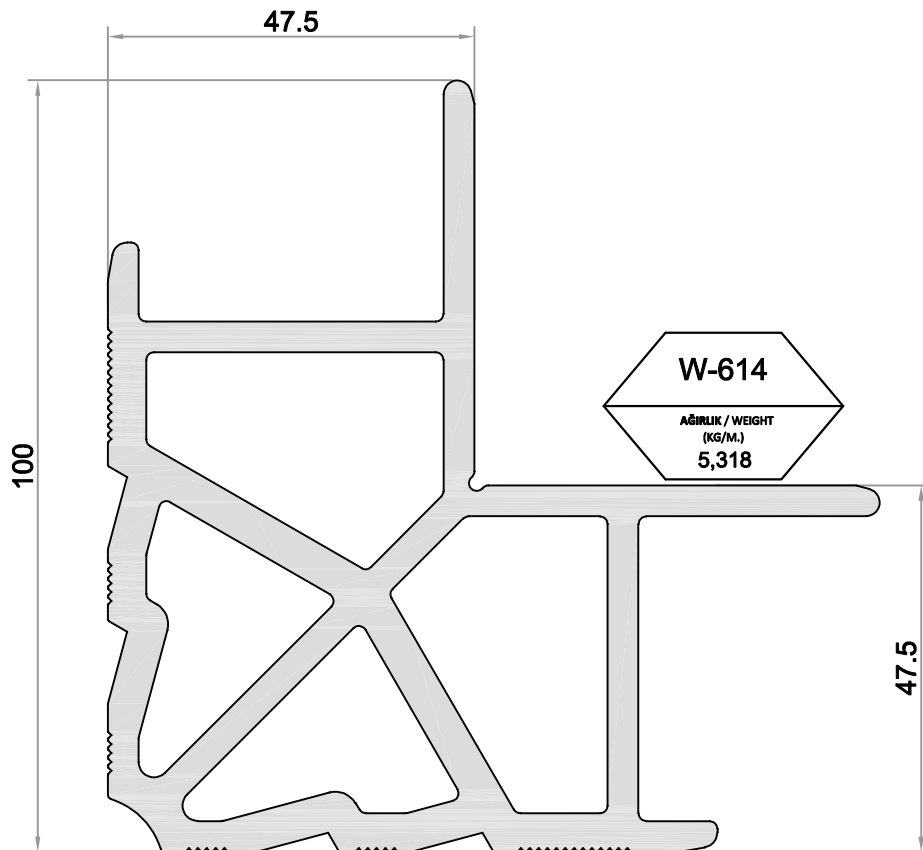
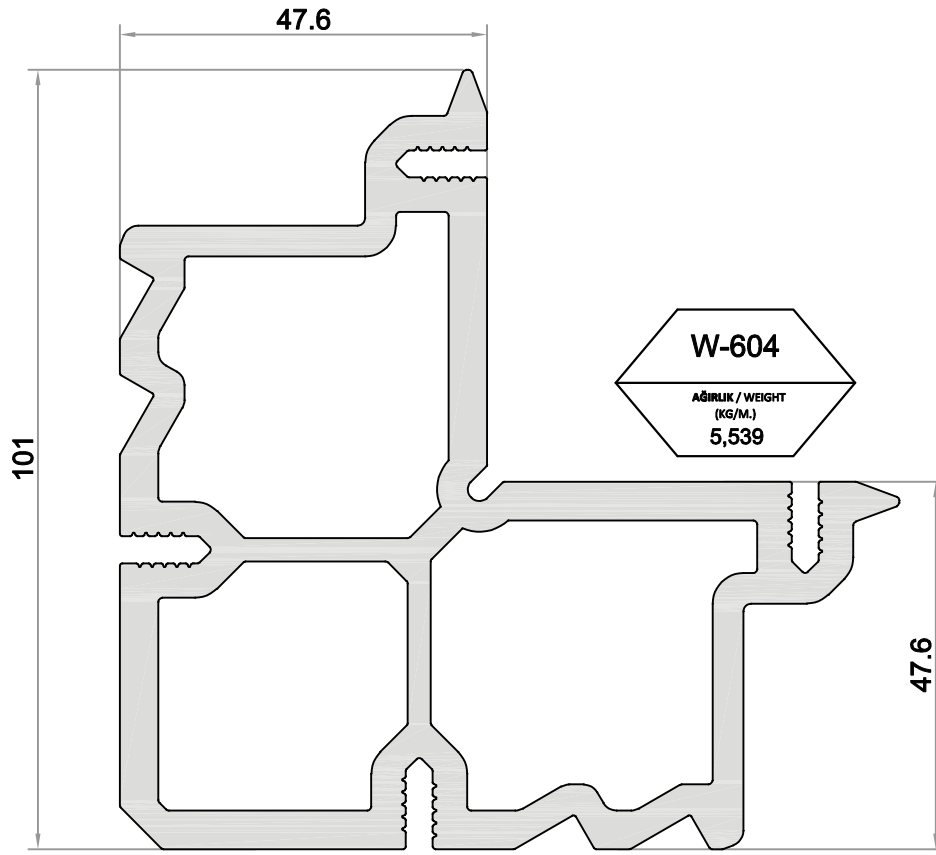


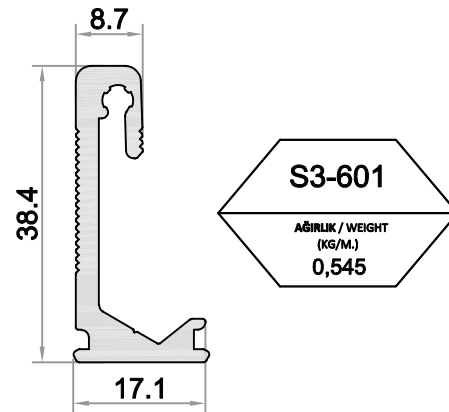
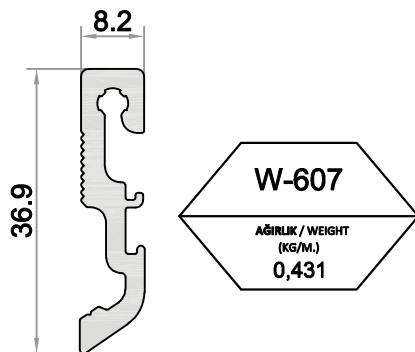
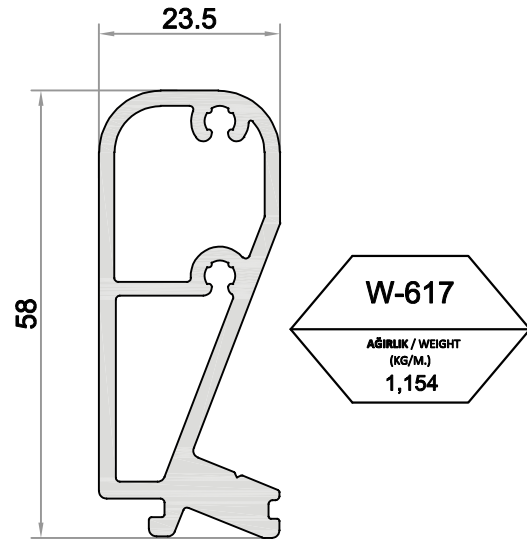
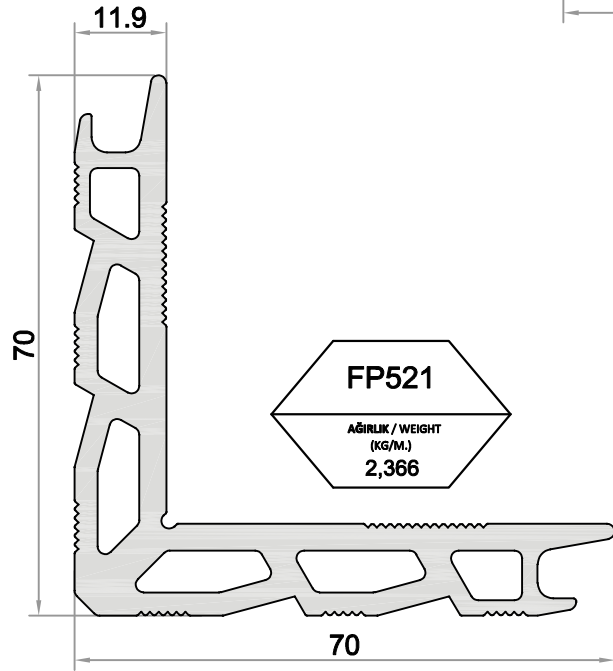
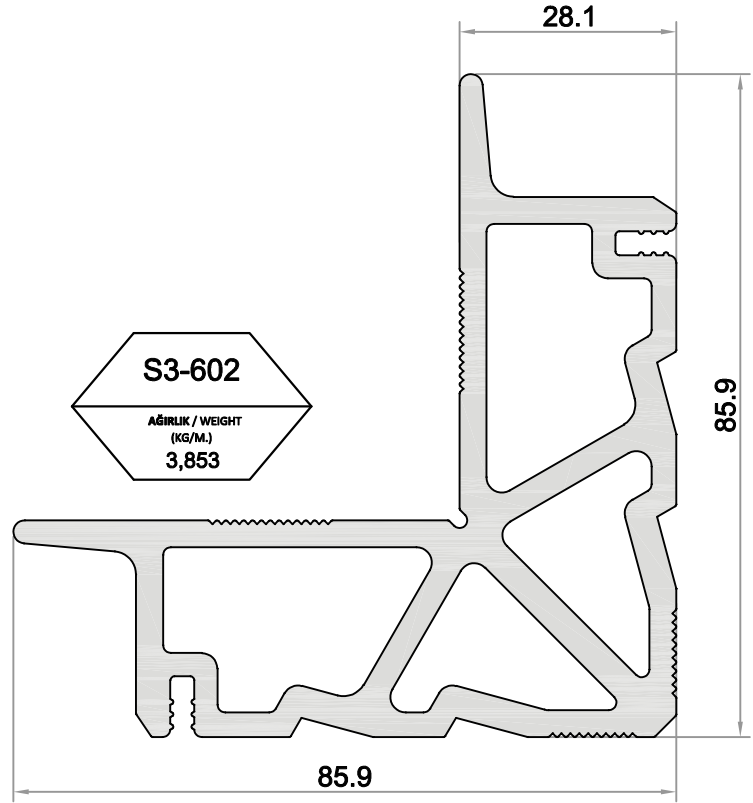
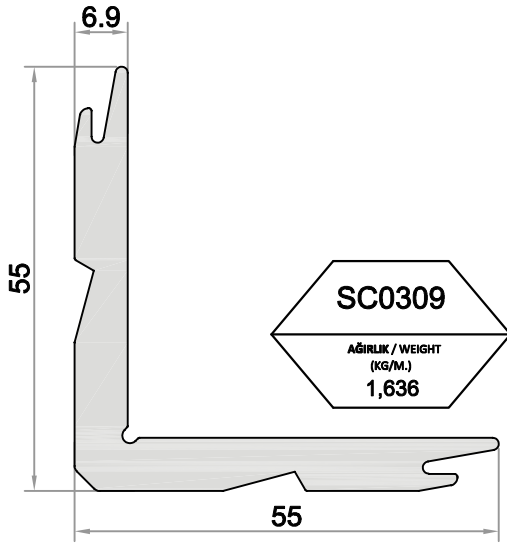
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W-519-A	320130	15 mm	320071
W-519-A	320129	16 mm	320071
W-518-A	320132	17 mm	320071
W-518-A	320131	18 mm	320071
W-518-A	320130	19 mm	320071
W-518-A	320129	20 mm	320071
W-517-A	320132	21 mm	320071
W-517-A	320131	22 mm	320071
W-517-A	320130	23 mm	320071
W-517-A	320129	24 mm	320071
W-516-A	320132	25 mm	320071
W-516-A	320131	26 mm	320071
W-516-A	320130	27 mm	320071
W-516-A	320129	28 mm	320071
W-515-A	320132	29 mm	320071
W-515-A	320131	30 mm	320071
W-515-A	320130	31 mm	320071
W-515-A	320129	32 mm	320071
W-514-A	320132	33 mm	320071
W-514-A	320131	34 mm	320071
W-514-A	320130	35 mm	320071
W-514-A	320129	36 mm	320071
W-513-A	320132	37 mm	320071
W-513-A	320131	38 mm	320071
W-513-A	320130	39 mm	320071
W-513-A	320129	40 mm	320071
W-512-A	320132	41 mm	320071
W-512-A	320131	42 mm	320071
W-512-A	320130	43 mm	320071
W-512-A	320129	44 mm	320071
W-511-A	320132	45 mm	320071
W-511-A	320131	46 mm	320071
W-511-A	320130	47 mm	320071
W-511-A	320129	48 mm	320071



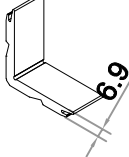
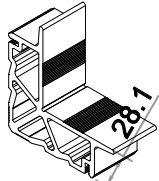
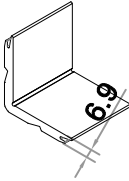
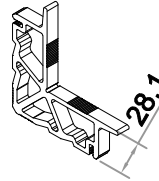
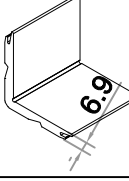
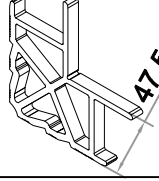
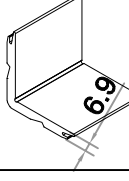
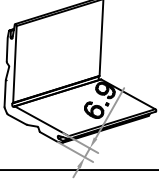
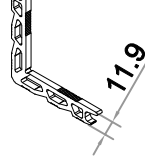
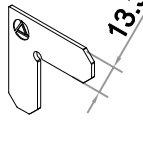
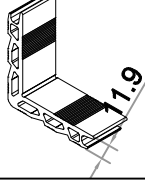
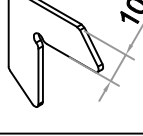
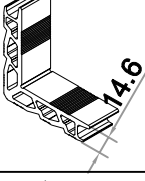
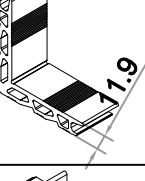
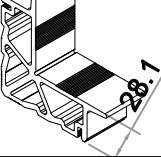
1	2	3	4
CAM ÇİTASI	CAM İÇ FİTİL	CAM KALINLIĞI	CAM DIŞ FİTİL
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W-519	320135	16 mm	320071
W-518	320138	17 mm	320071
W-518	320137	18 mm	320071
W-518	320136	19 mm	320071
W-518	320135	20 mm	320071
W-517	320138	21 mm	320071
W-517	320137	22 mm	320071
W-517	320136	23 mm	320071
W-517	320135	24 mm	320071
W-516	320138	25 mm	320071
W-516	320137	26 mm	320071
W-516	320136	27 mm	320071
W-516	320135	28 mm	320071
W-515	320138	29 mm	320071
W-515	320137	30 mm	320071
W-515	320136	31 mm	320071
W-515	320135	32 mm	320071
W-514	320138	33 mm	320071
W-514	320137	34 mm	320071
W-514	320136	35 mm	320071
W-514	320135	36 mm	320071
W-513	320138	37 mm	320071
W-513	320137	38 mm	320071
W-513	320136	39 mm	320071
W-513	320135	40 mm	320071
W-512	320138	41 mm	320071
W-512	320137	42 mm	320071
W-512	320136	43 mm	320071
W-512	320135	44 mm	320071
W-511	320138	45 mm	320071
W-511	320137	46 mm	320071
W-511	320136	47 mm	320071
W-511	320135	48 mm	320071







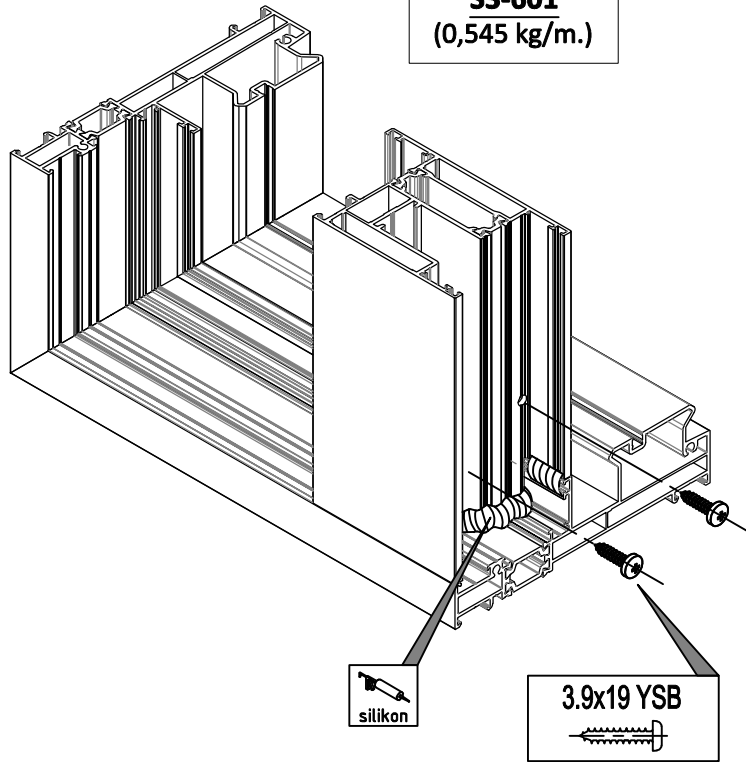
KÖŞE TAKOZU AKSESUARLARI / CORNER CLEAT ACCESSORIES

AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION	AKSESUAR KODU / ACCESSORY CODE	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310167 <i>Pr. No: SC0309</i> 1,636 kg/m.		23.8 mm (38,8 Gr/Ad.)	310312 <i>Pr. No: S3-602</i> 3,853 kg/m.		34,5 mm (132,4 Gr/Ad.)
310168 <i>Pr. No: SC0309</i> 1,636 kg/m.		48.2 mm (78,6 Gr/Ad.)	310310 <i>Pr. No: S3-602</i> 3,853 kg/m.		8,9 mm (34,1 Gr/Ad.)
310514 <i>Pr. No: SC0309</i> 1,636 kg/m.		53.6 mm (87,4 Gr/Ad.)	310285 <i>Pr. No: W-614</i> 5,318 kg/m.		8,5 mm (45 Gr/Ad.)
310166 <i>Pr. No: SC0309</i> 1,636 kg/m.		54,2 mm (88,3 Gr/Ad.)	310528 <i>Pr. No: SC0309</i> 1,636 kg/m.		60,8 mm (99,1 Gr/Ad.)
310308 <i>Pr. No: FP521</i> 2,366 kg/m.		4 mm (9,4 Gr/Ad.)	310112		1.4 mm (3 Gr/Ad.)
310065 <i>Pr. No: FP521</i> 2,366 kg/m.		27 mm (63,6 Gr/Ad.)	360063		1.5 mm (5.1 Gr/Ad.)
310242 <i>Pr. No: W-611</i> 2,520 kg/m.		23,6 mm (59,3 Gr/Ad.)			
310067 <i>Pr. No: FP521</i> 2,366 kg/m.		28,6 mm (67,4 Gr/Ad.)			
310311 <i>Pr. No: S3-602</i> 3,853 kg/m.		31,9 mm (122,4 Gr/Ad.)			

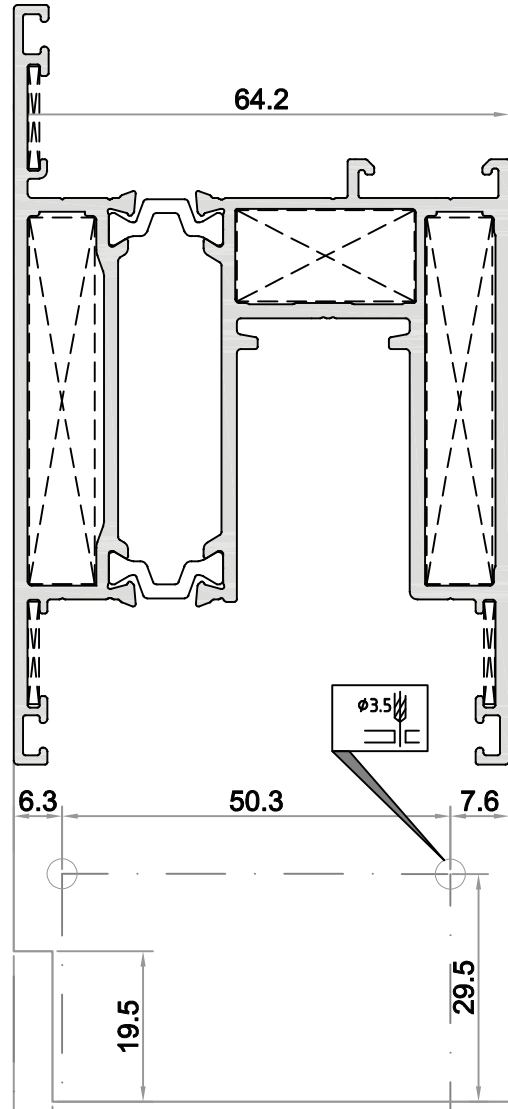
T VE U BAĞLANTI AKSESUARLARI / T AND U CONNECTION ACCESSORIES

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION	T BAĞ. / T CON.
310377	47,5 mm	 W-607 (0,431 kg/m.)

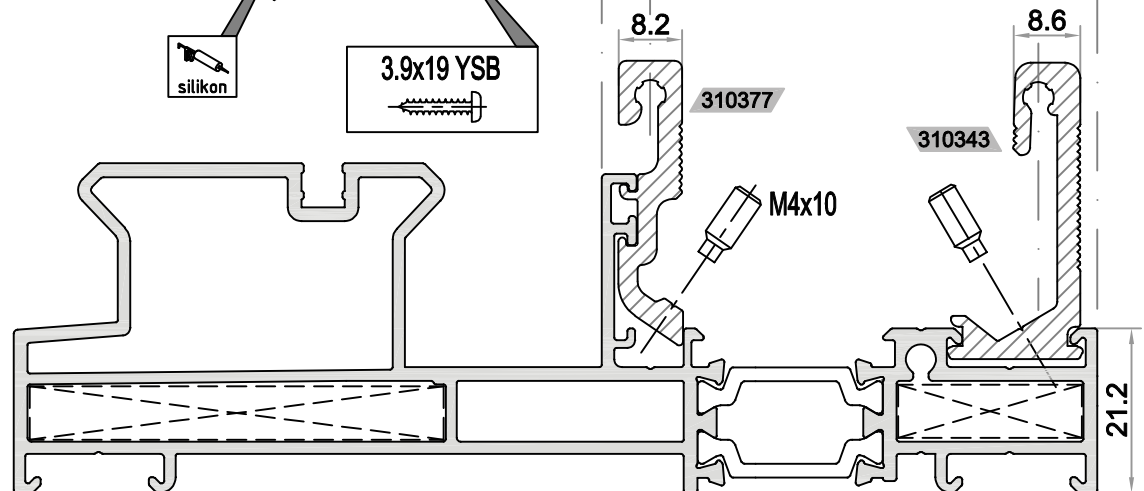
AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION	U BAĞ. / U CON.
310343	47,5 mm	 S3-601 (0,545 kg/m.)



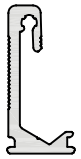
S3-201

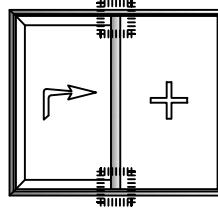


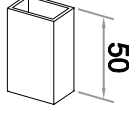
S3-102



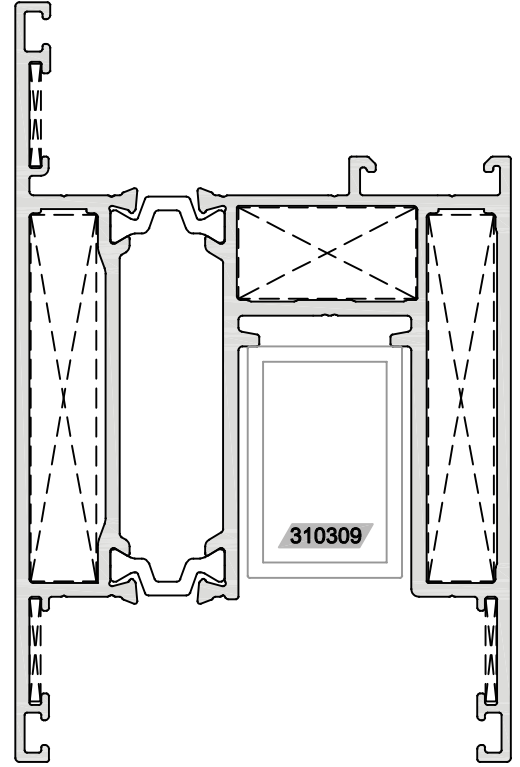
T VE U BAĞLANTI AKSESUARLARI / T AND U CONNECTION ACCESSORIES

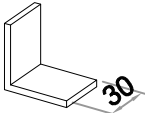
AKSESUAR KODU ACCESSORY CODE	U BAĞ. / U CON.
310343	
KESİM ÖLÇÜSÜ CUTTING DIMENSION	S3-601 (0,545 kg/m.)
47,5 mm	

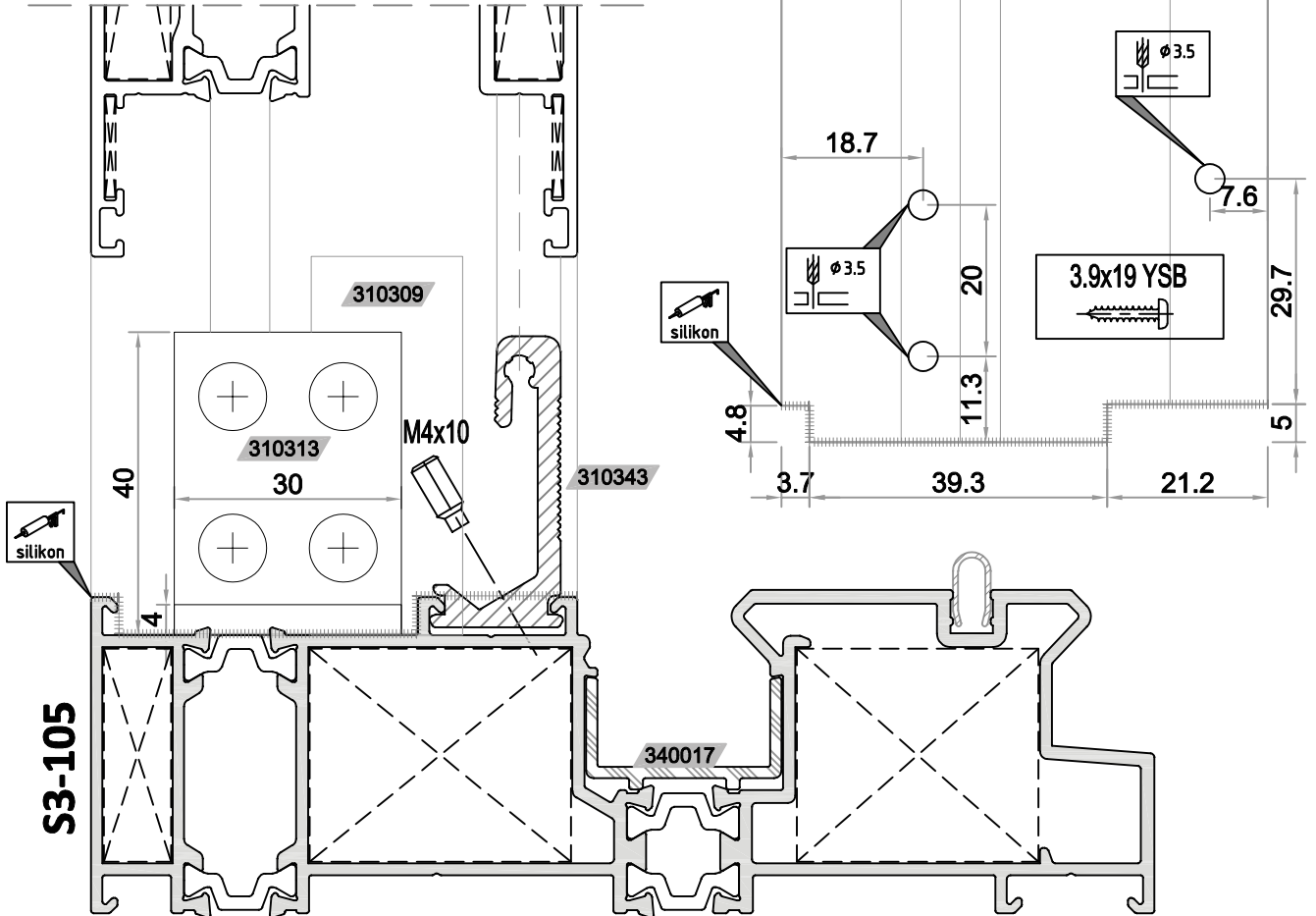


AKSESUAR KODU ACCESSORY CODE	ADAPTÖR / ADAPTER
310309	
KESİM ÖLÇÜSÜ CUTTING DIMENSION	5323 (0,520 kg/m.)
50 mm	

S3-201

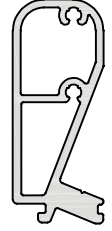


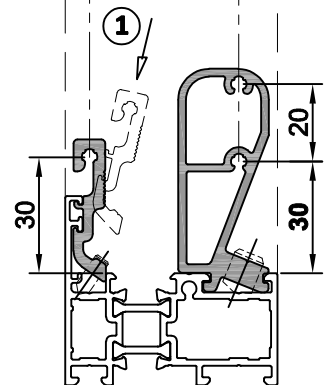
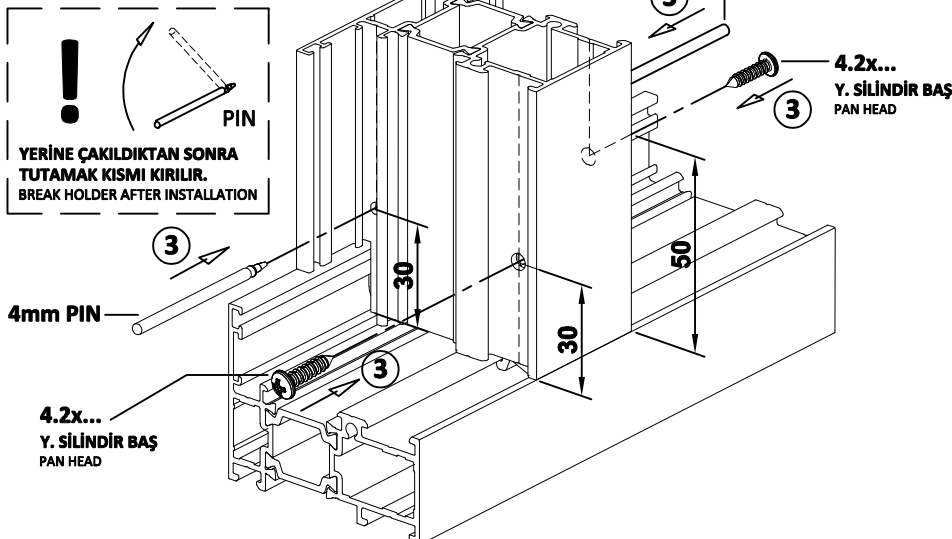
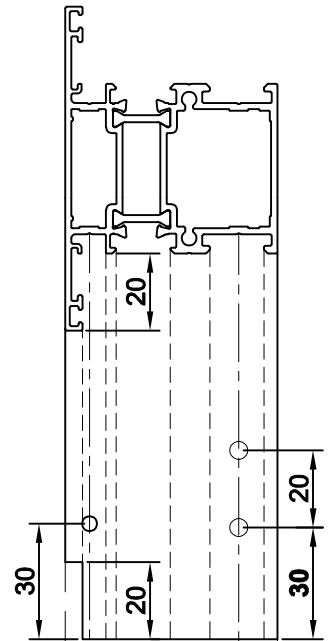
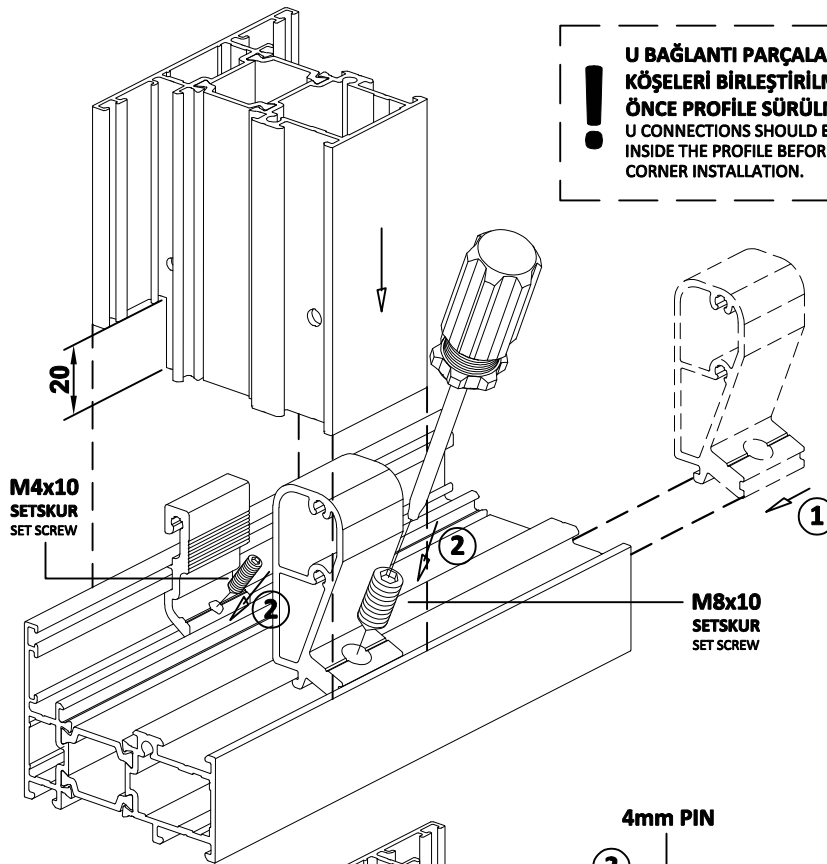
AKSESUAR KODU ACCESSORY CODE	L BAĞ. / L CON.
310313	
KESİM ÖLÇÜSÜ CUTTING DIMENSION	608 (0,824 kg/m.)
30 mm	



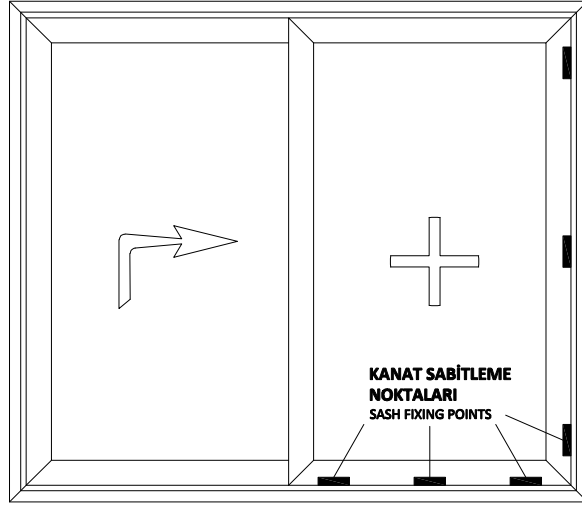
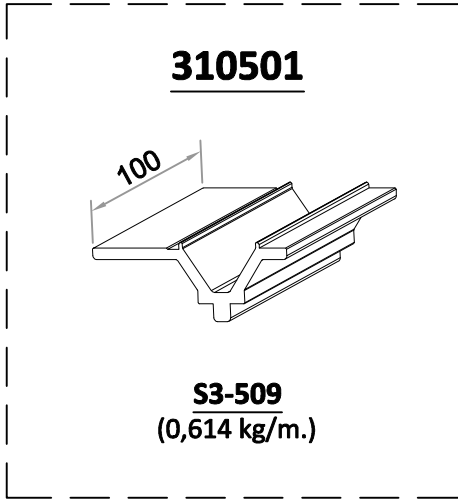
T VE U BAĞLANTI AKSESUARLARI / T AND U CONNECTION ACCESSORIES

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION	T BAĞ. / T CON.
310371	9,7 mm	 W-607 (0,431 kg/m.)
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	

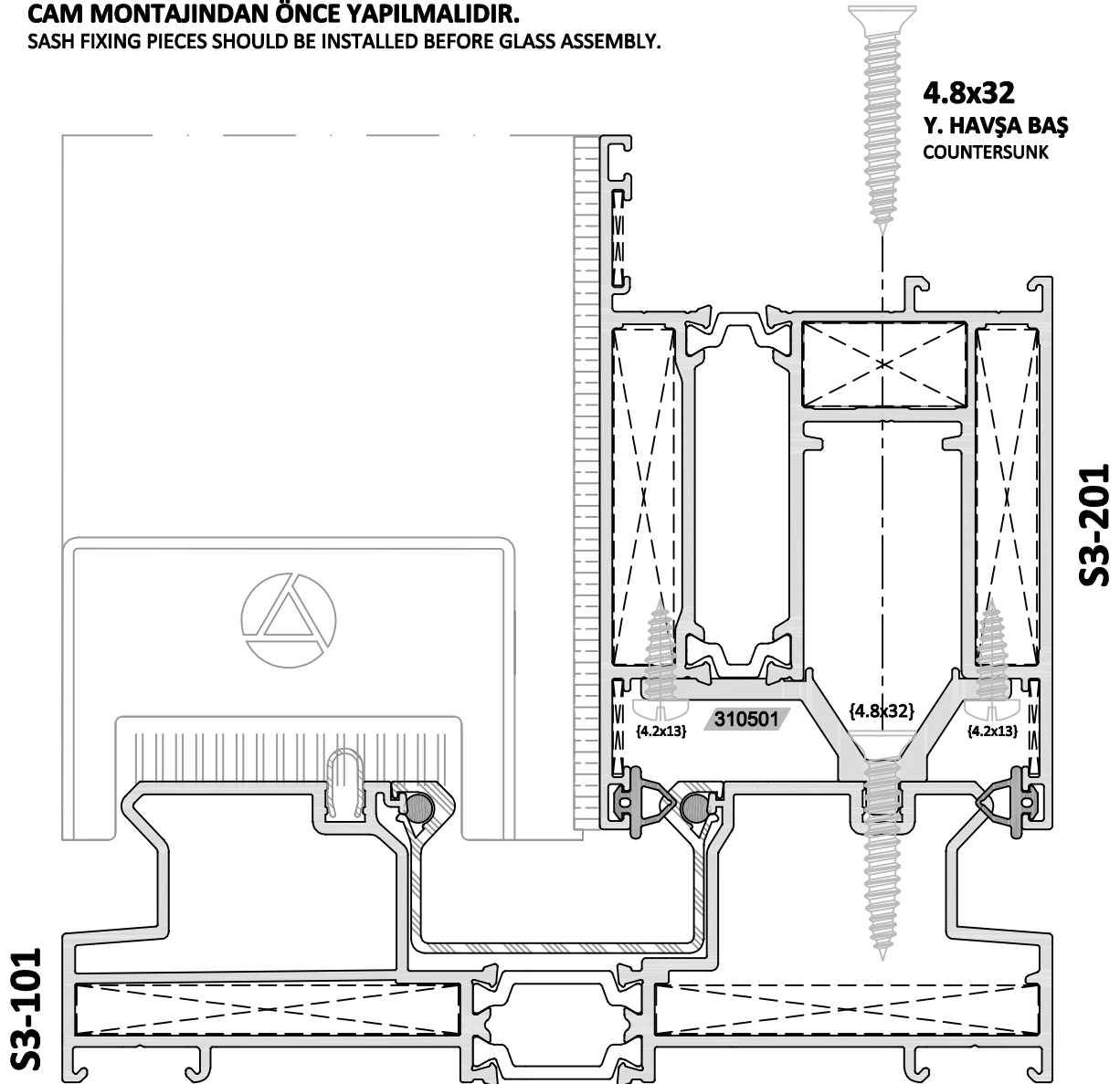
AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION	T BAĞ. / T CON.
310451	9,7 mm	 W-617 (1,154 kg/m.)
310452	14,6 mm	
310453	19,6 mm	
310454	24,6 mm	
310455	34,6 mm	
310456	45,6 mm	
310459	55,6 mm	
310460	66,6 mm	



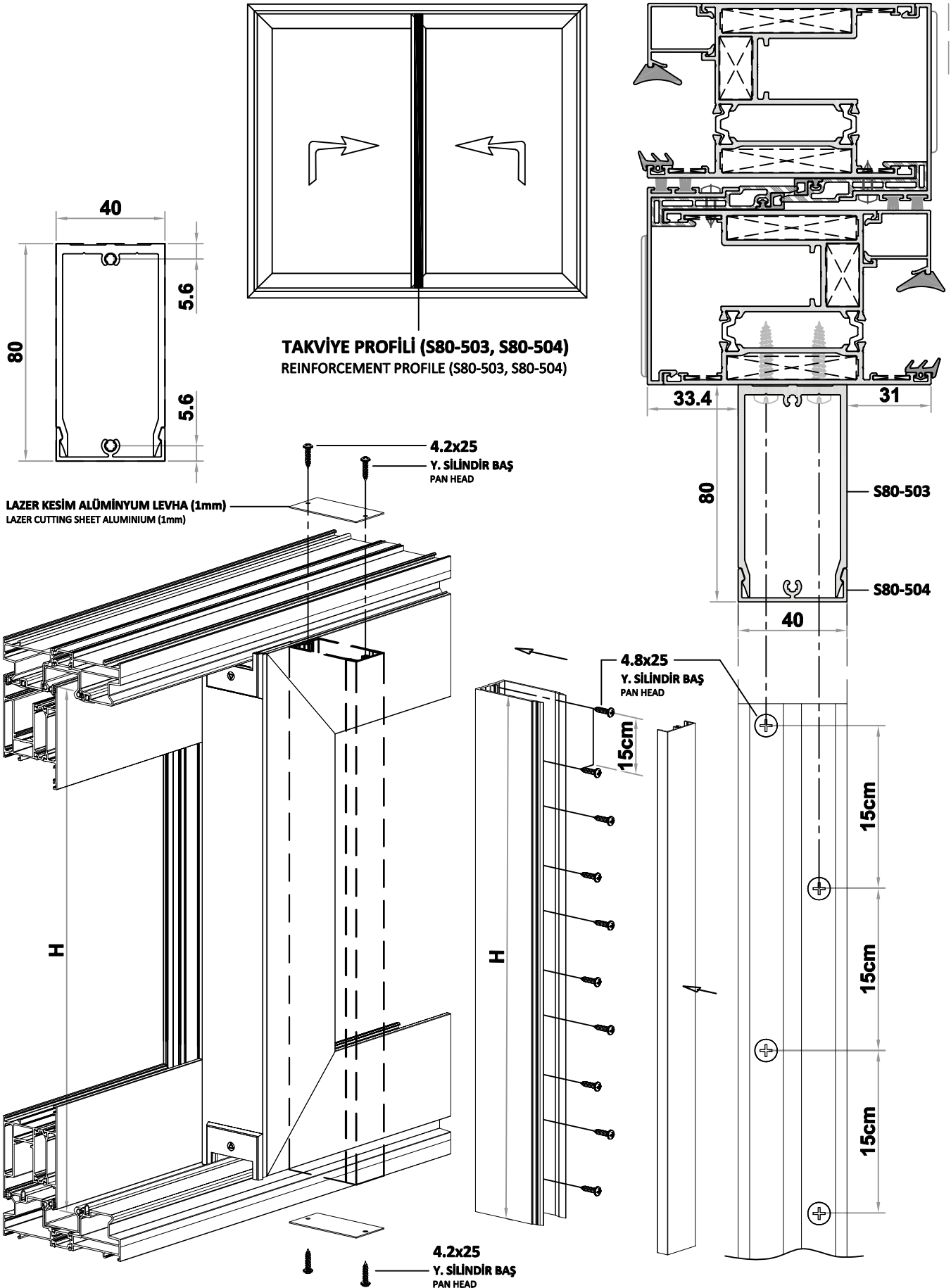
KANAT SABİTLEME PARÇASI MONTAJI / SASH FIXING PIECE ASSEMBLY



! KANAT SABİTLEME PARÇALARININ BAĞLANTILARI MUTLAKA CAM MONTAJINDAN ÖNCE YAPILMALIDIR.
SASH FIXING PIECES SHOULD BE INSTALLED BEFORE GLASS ASSEMBLY.



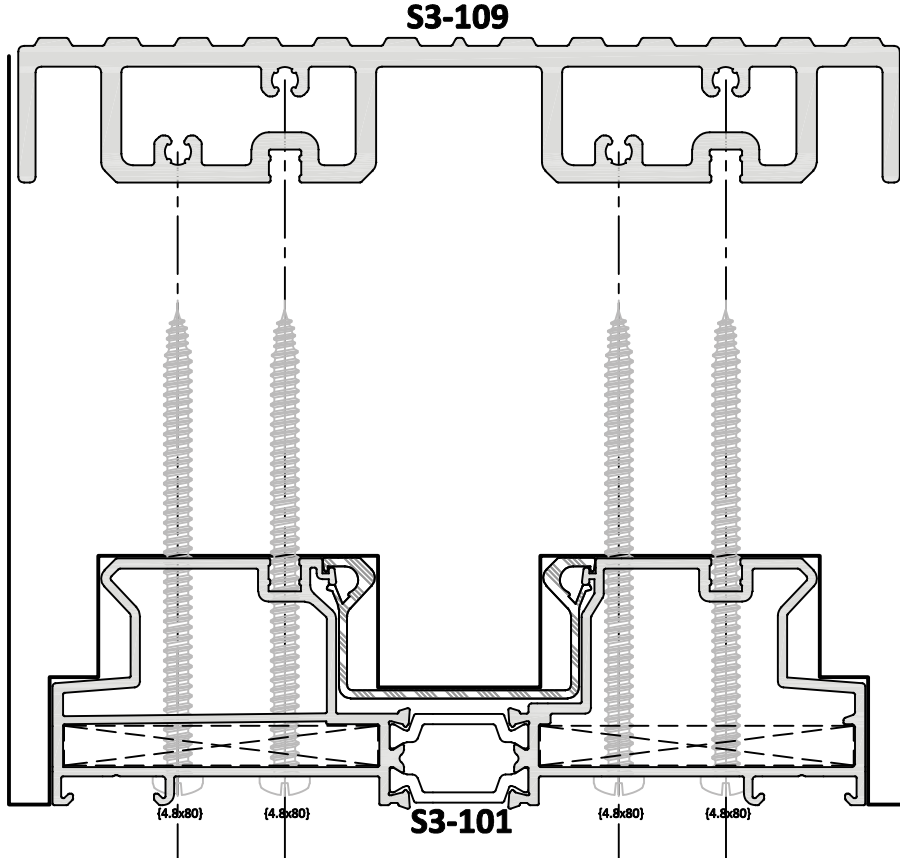
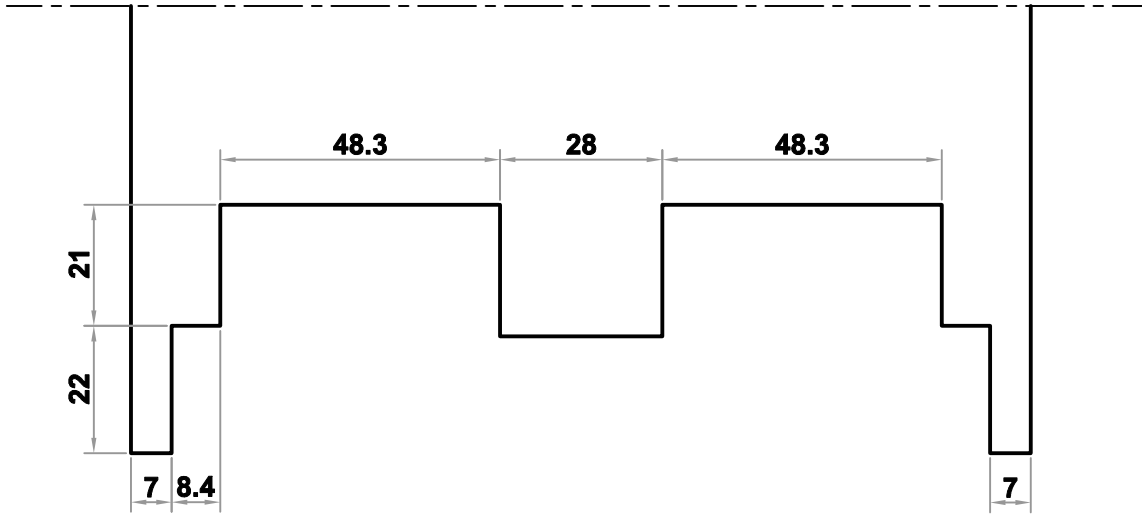
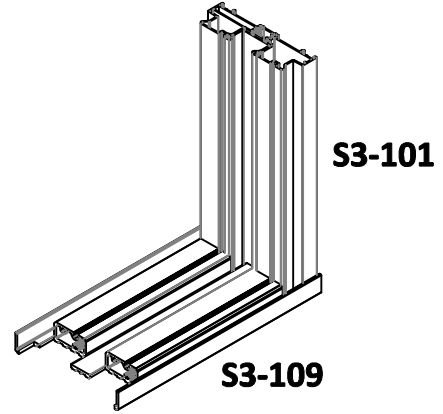
TAKVİYE PROFİLİ MONTAJI / REINFORCEMENT PROFILE ASSEMBLY

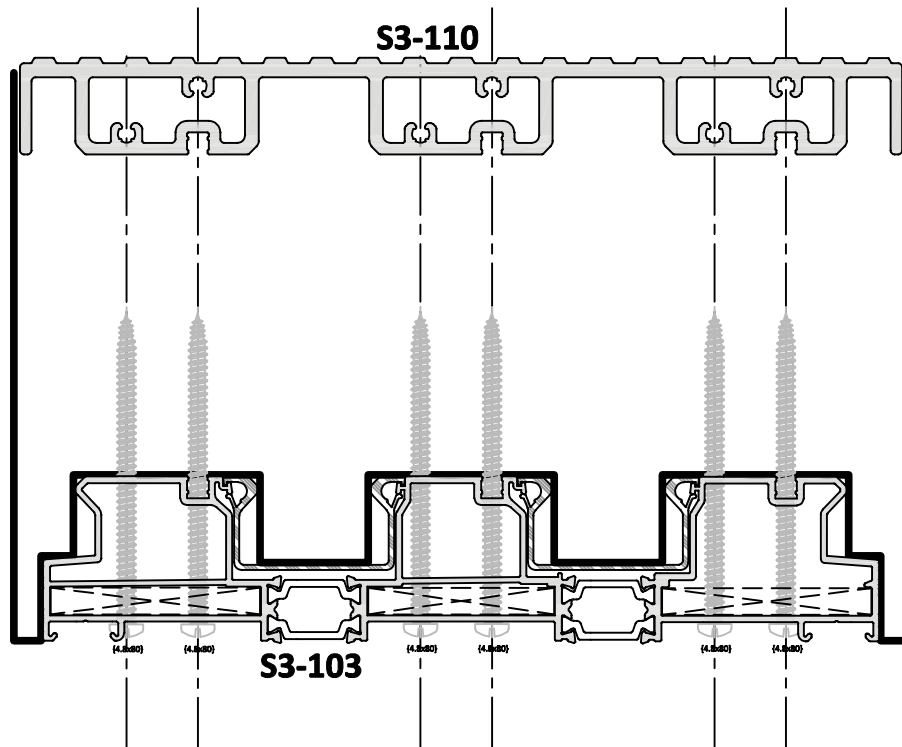
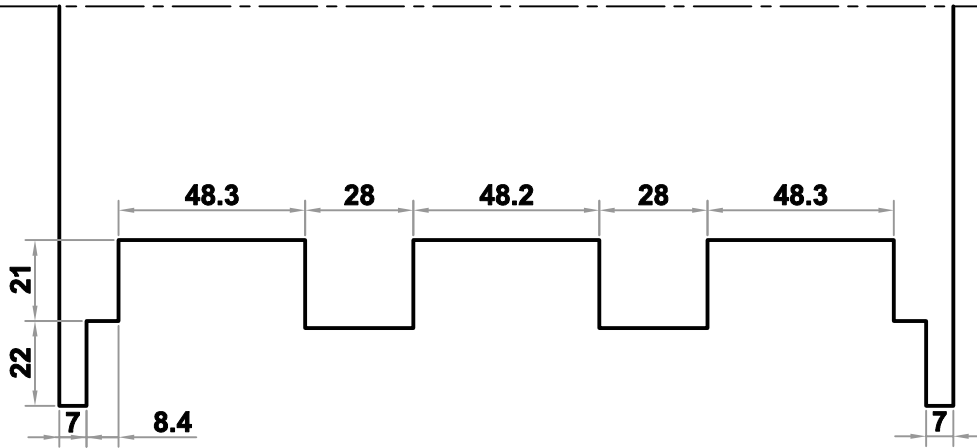
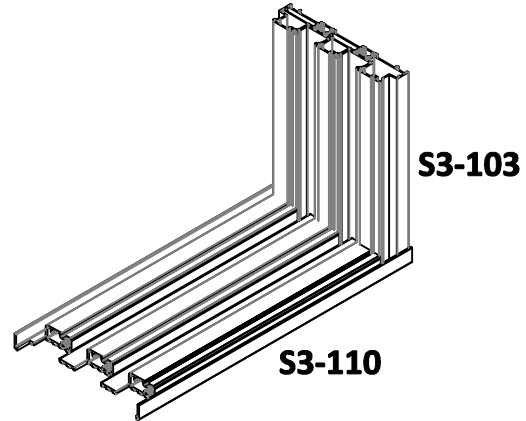


2 RAYLI EŞİK KASA PROFİL KERTME / NOTCHING DETAIL FOR THE DOUBLE RAIL SILL FRAME

***SADECE S3-101 PROFİLİ İLE KULLANILABİLİR**

***CAN ONLY BE USED WITH PROFILE S3-101**



3 RAYLI EŞİK KASA PROFİL KERTME / NOTCHING DETAIL FOR THE TRIPLE RAIL SILL FRAME***SADECE S3-103 PROFİLİ İLE KULLANILABİLİR*****CAN ONLY BE USED WITH PROFILE S3-103**

DETAYLAR

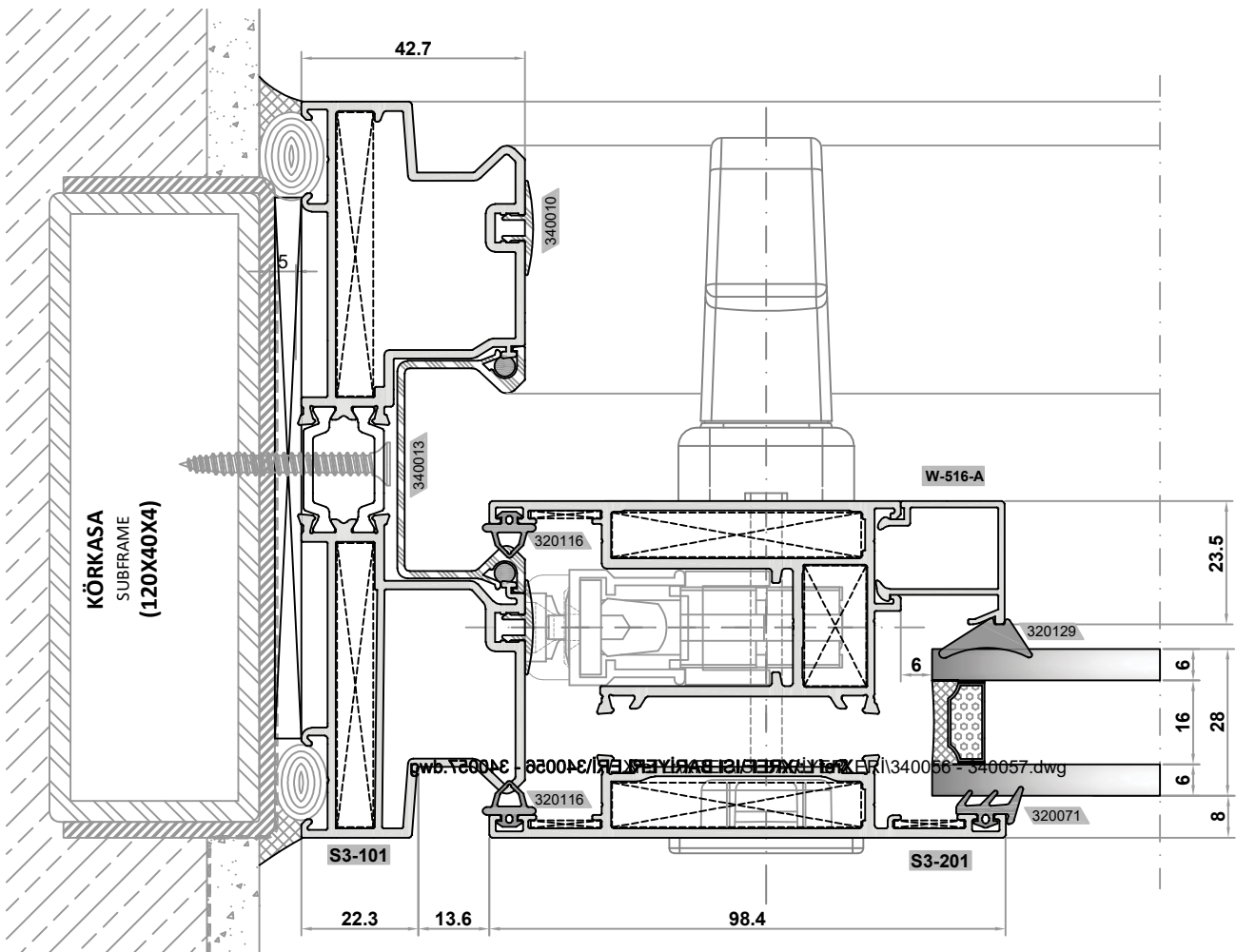
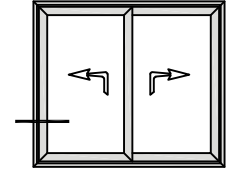
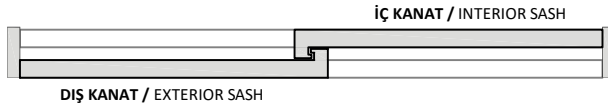
DETAILS

TARAMA STİLLERİ / HATCH STYLES

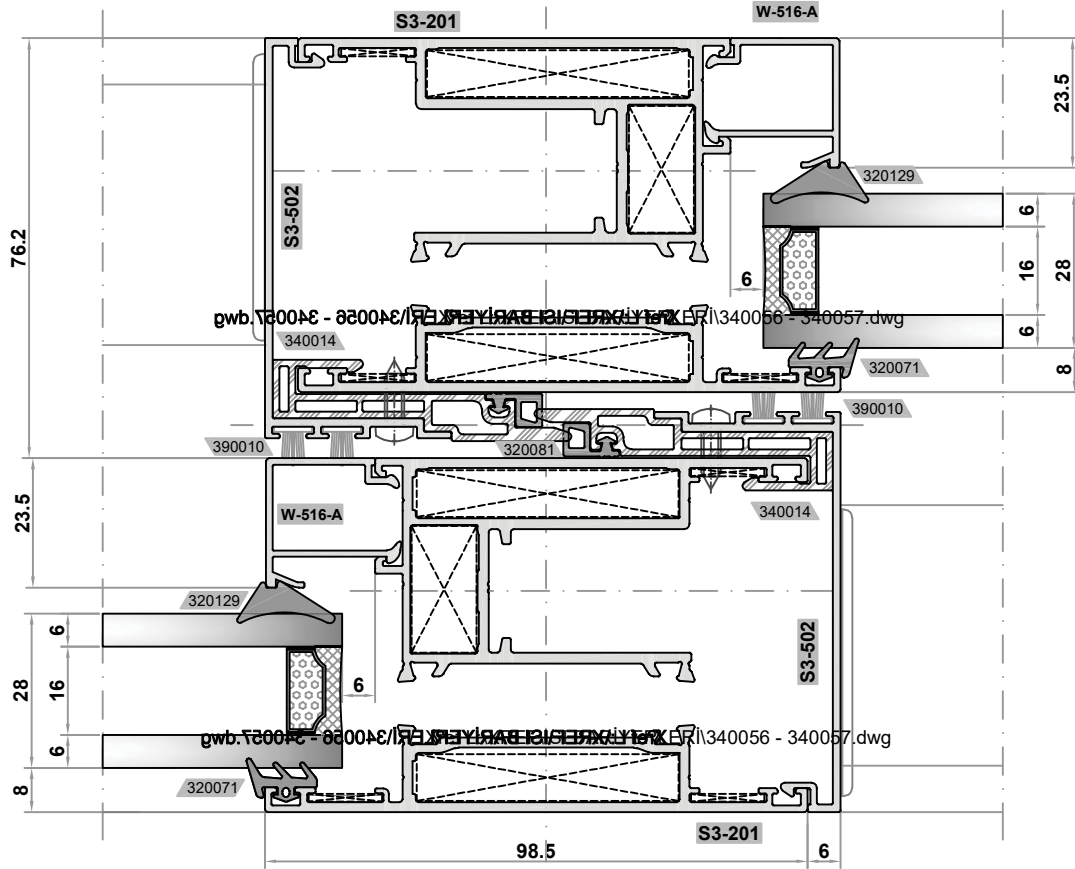
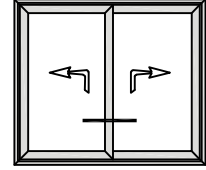
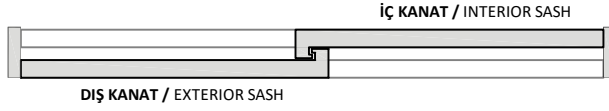
	EPDM FİTİL / EPDM GASKET		PVC PROFİL / PVC PROFILE
	STRÜKTÜREL SİLİKON / STRUCTURAL SILICONE		ÇELİK PROFİL / STEEL PROFILE
	MESAFE BELİRLEYİCİ / SPACE ADJUSTER		SU YALITIM MEMBRANI / WATERPROOFING MEMBRANE
	ALÜMİNYUM PROFİL / ALUMINIUM PROFILE		POLİETİLEN CONTA / POLYETHYLENE GASKET
	PROFİL PARÇA (Al)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

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

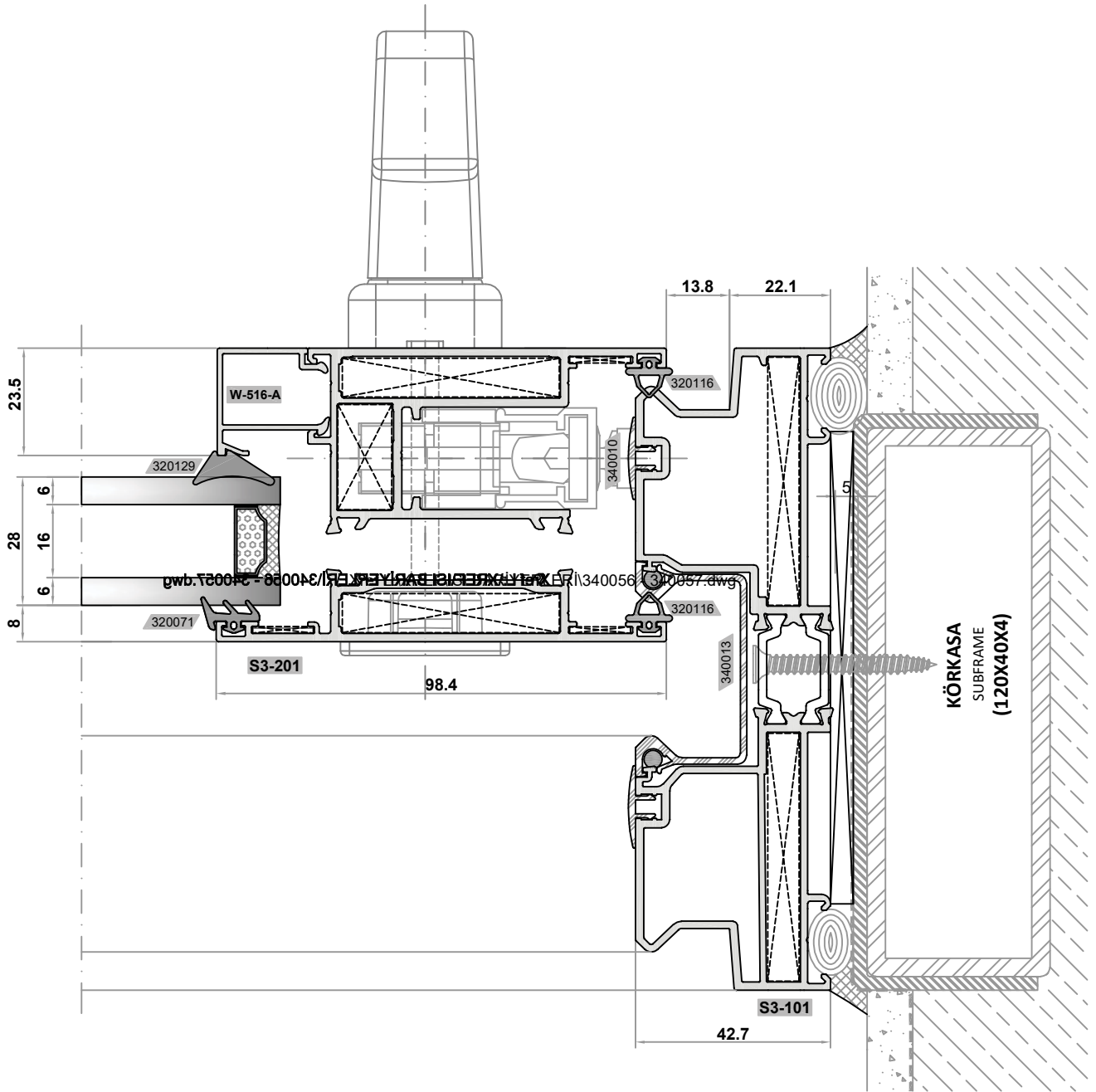
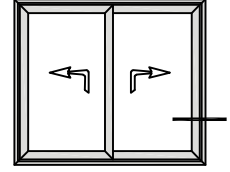
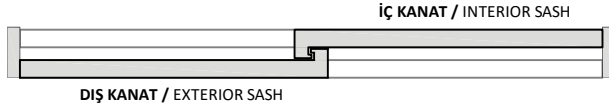
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DOUBLE SASH INSULATED SLIDING DOOR DETAIL



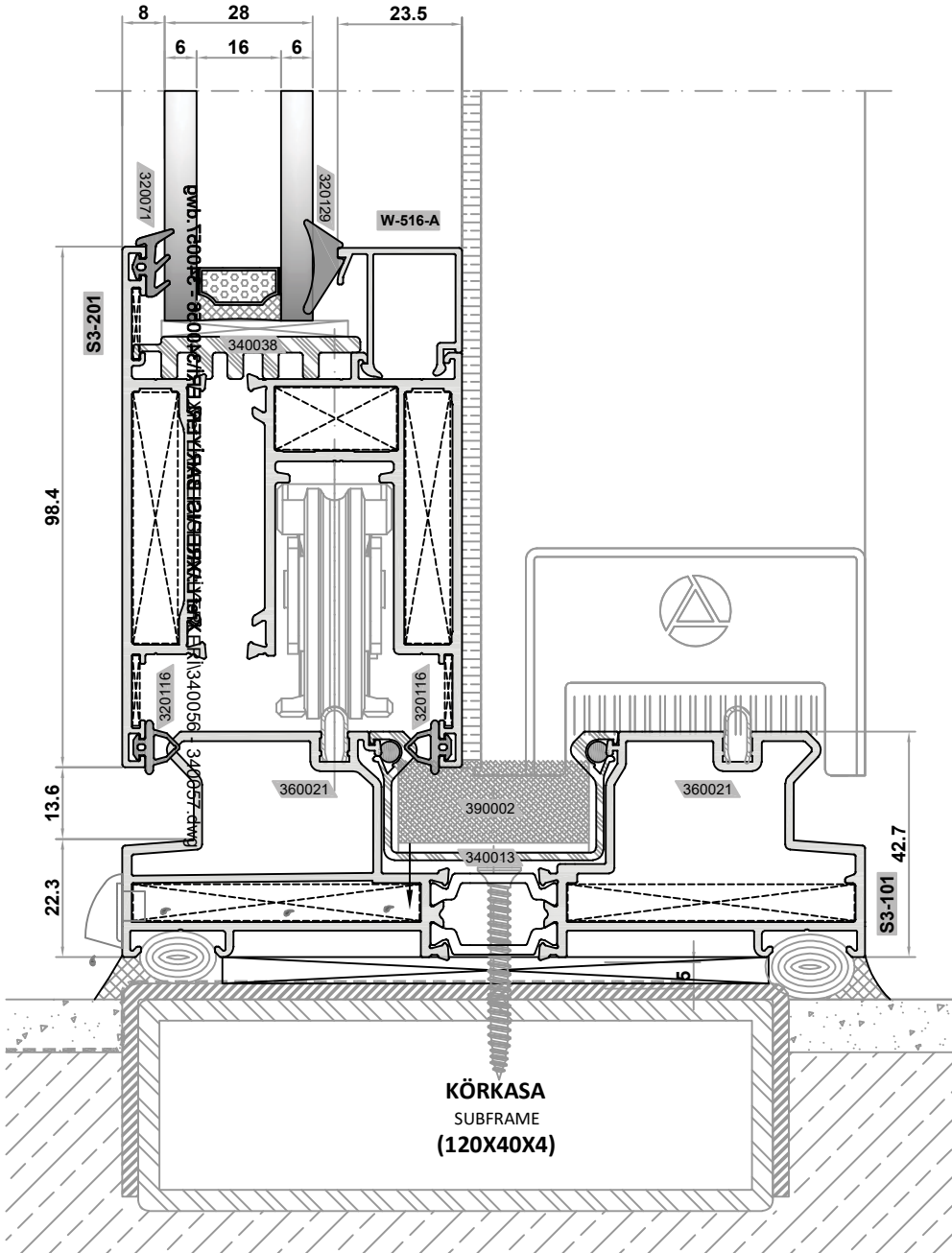
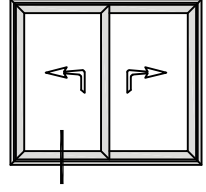
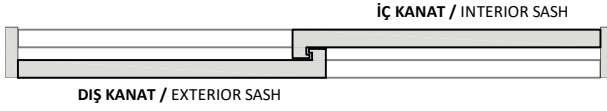
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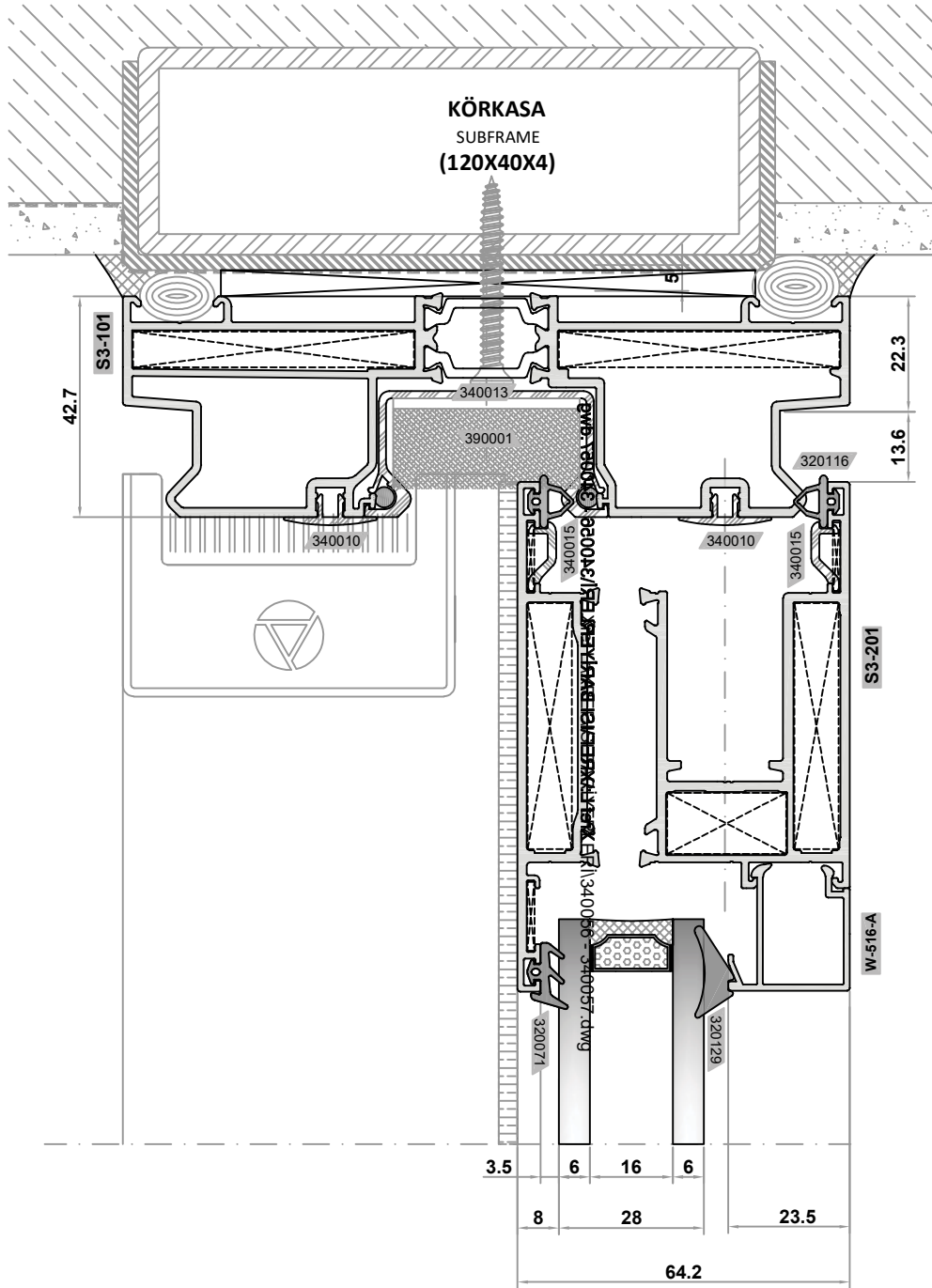
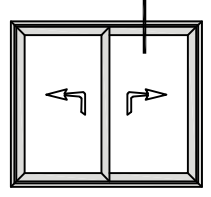
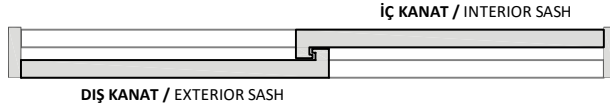
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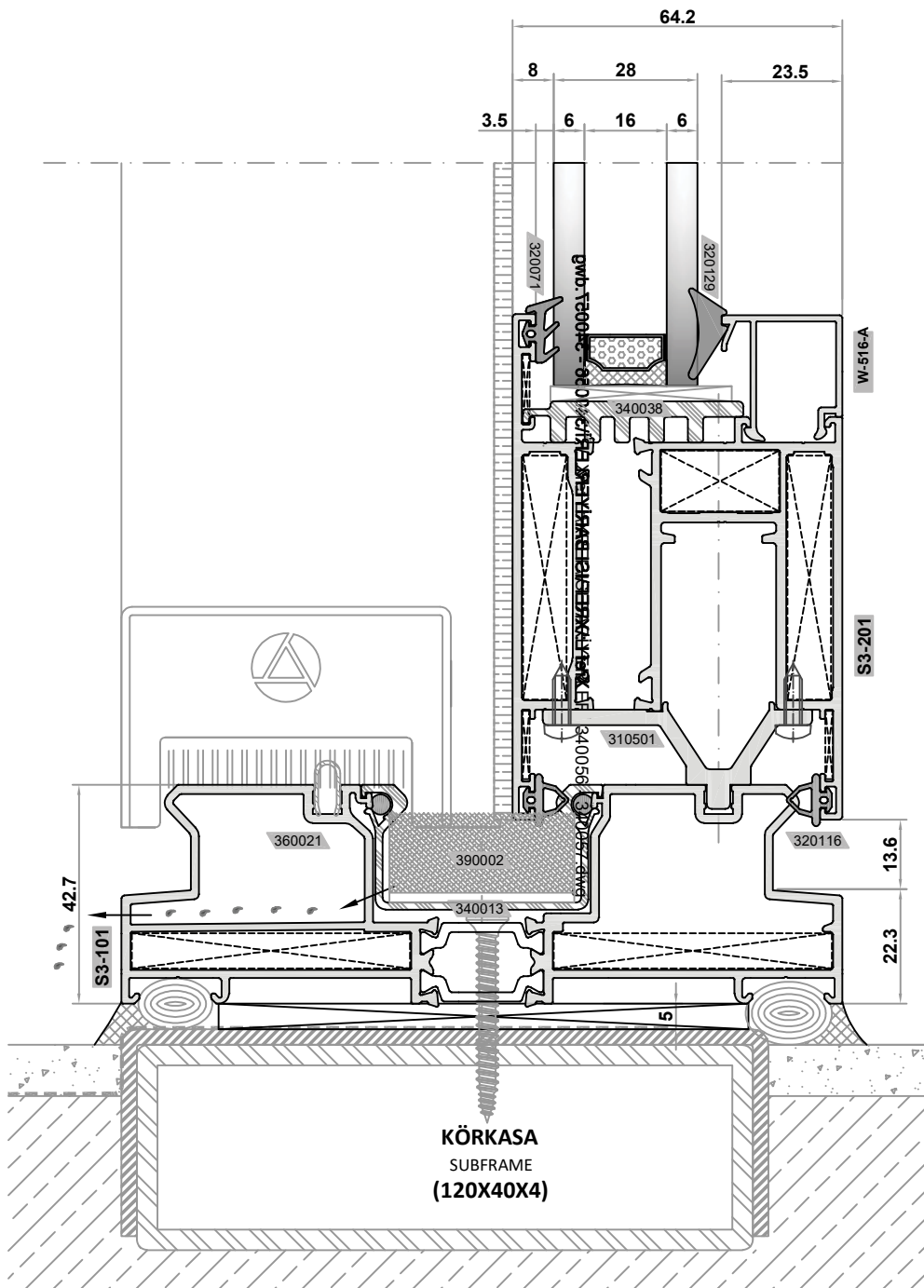
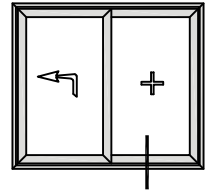
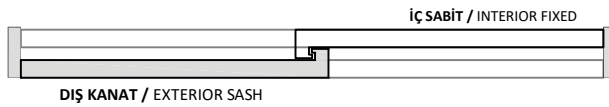
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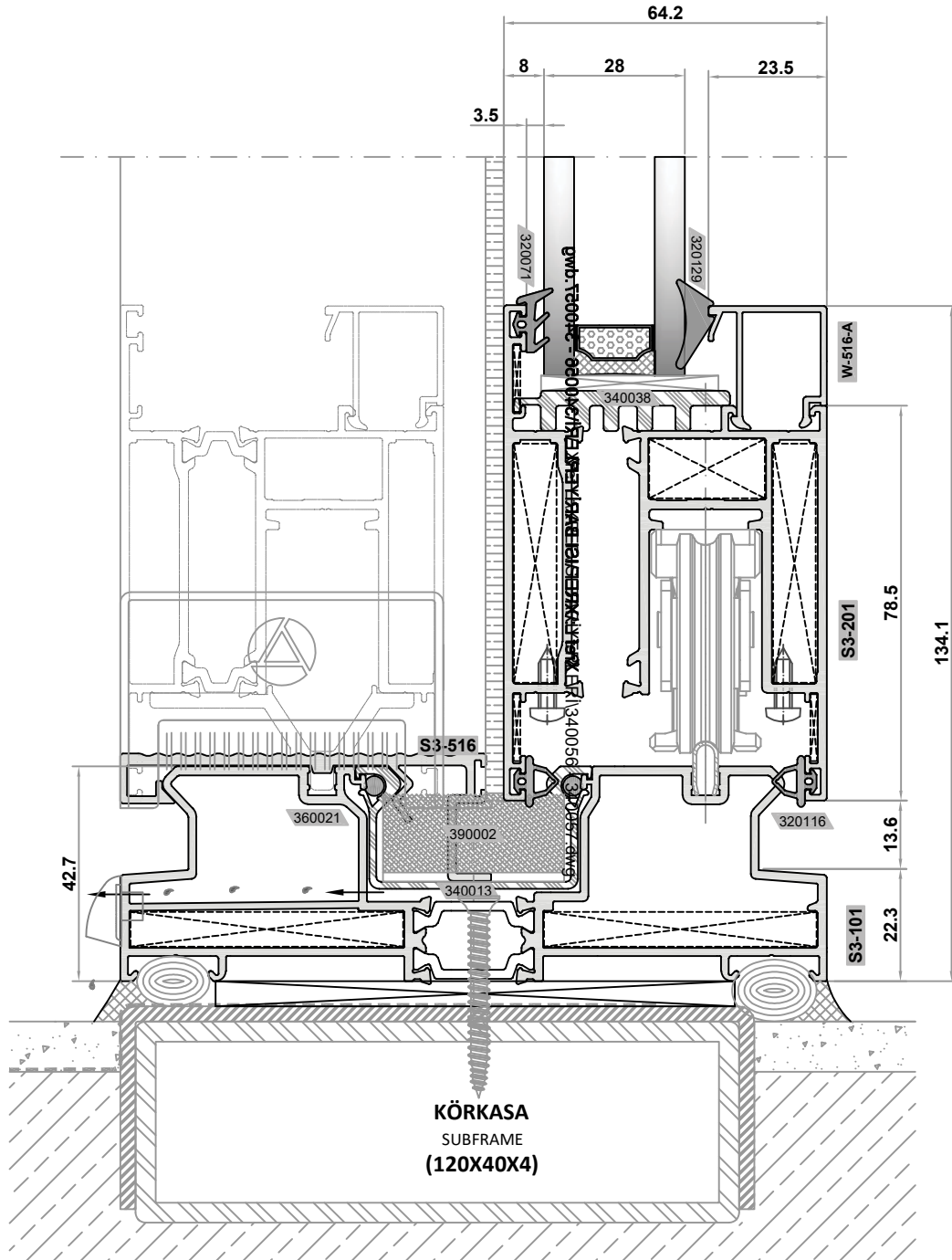
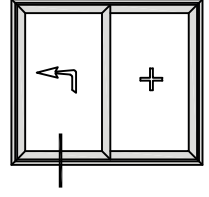
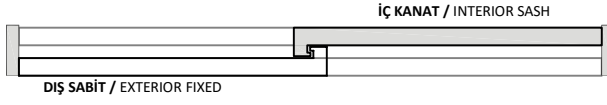
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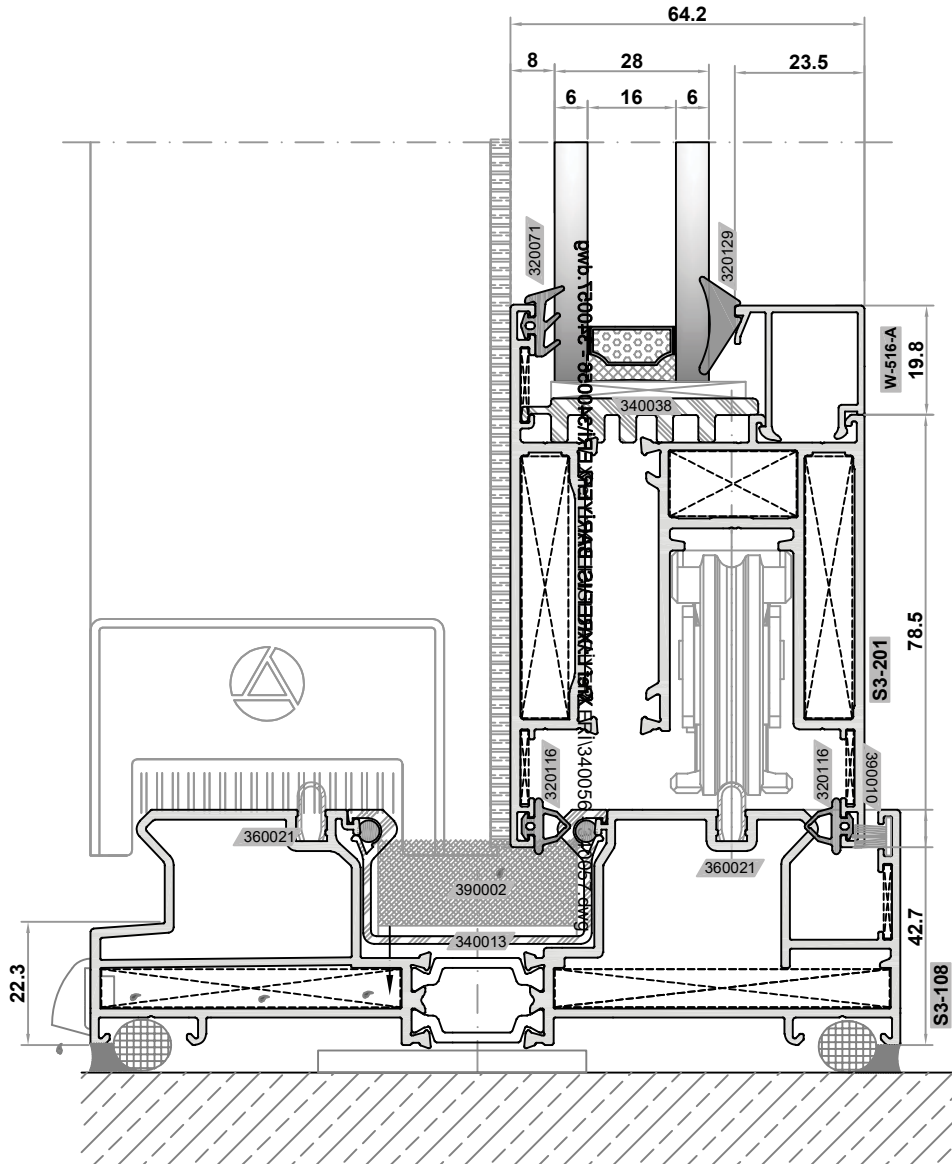
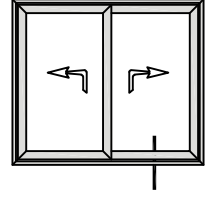
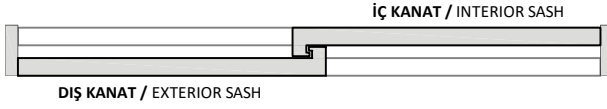
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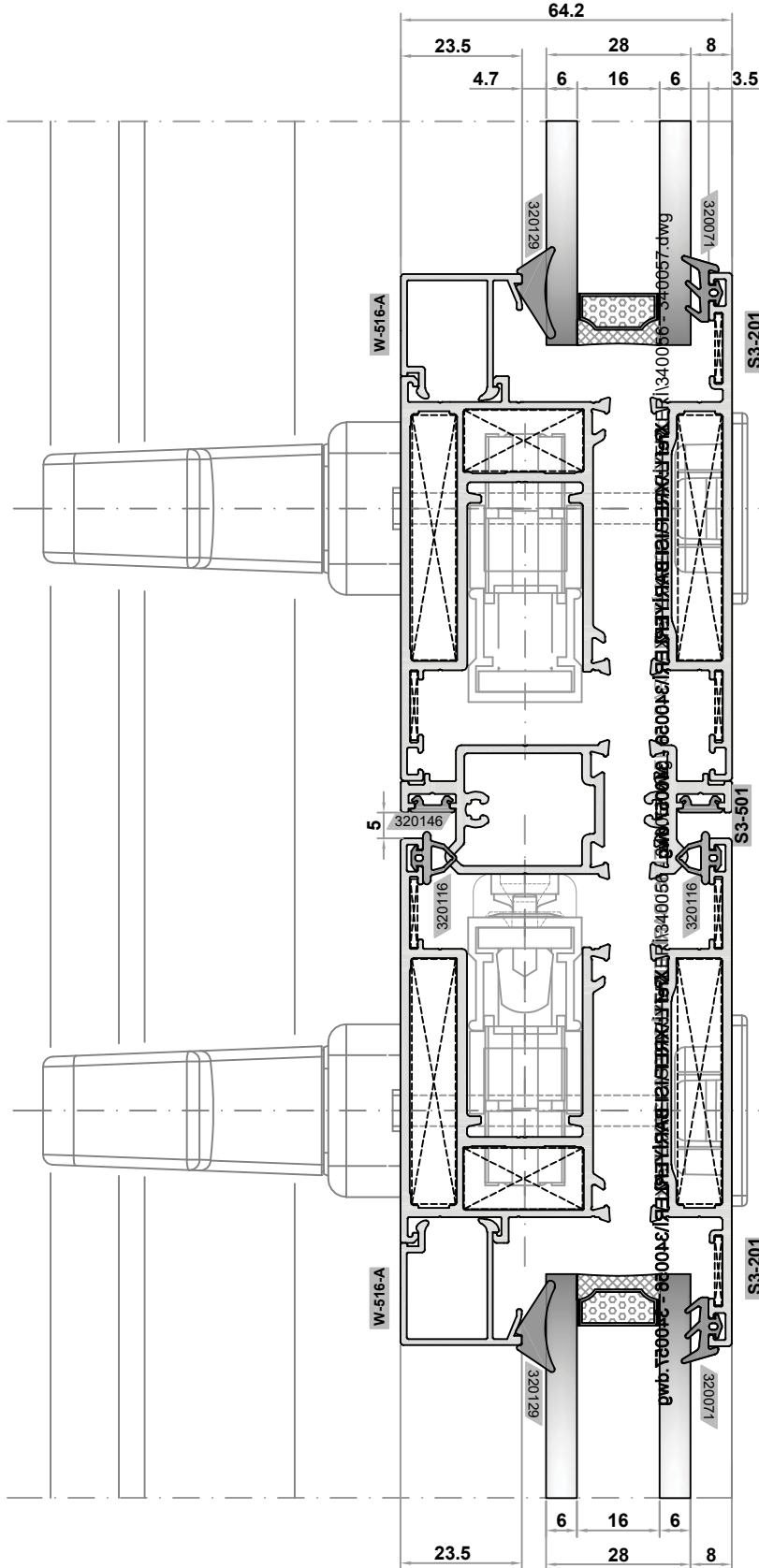
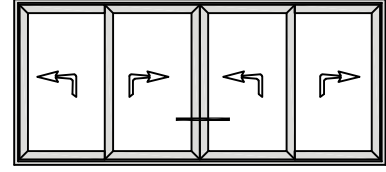
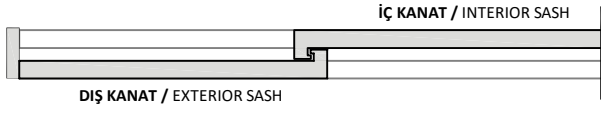
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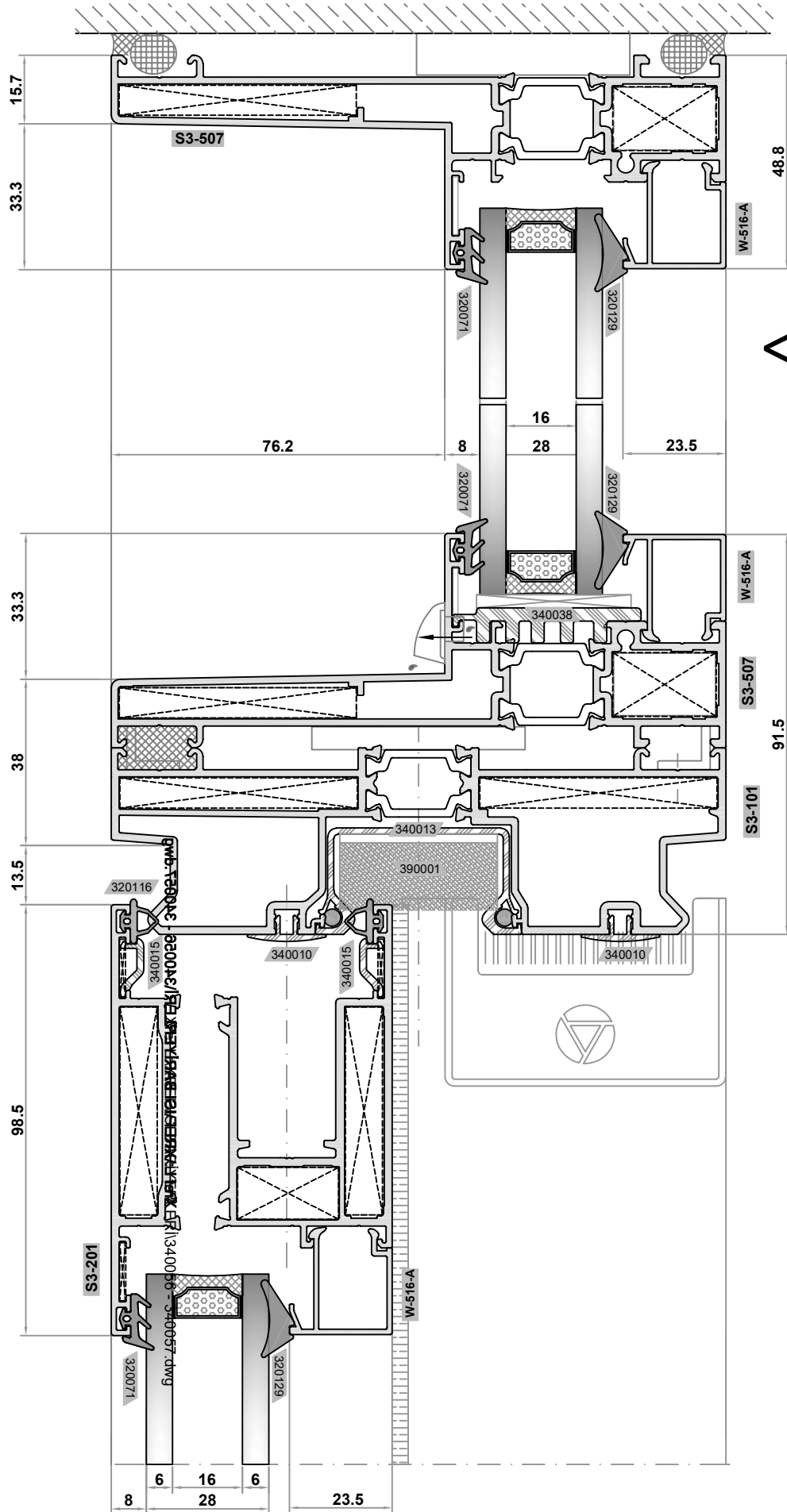
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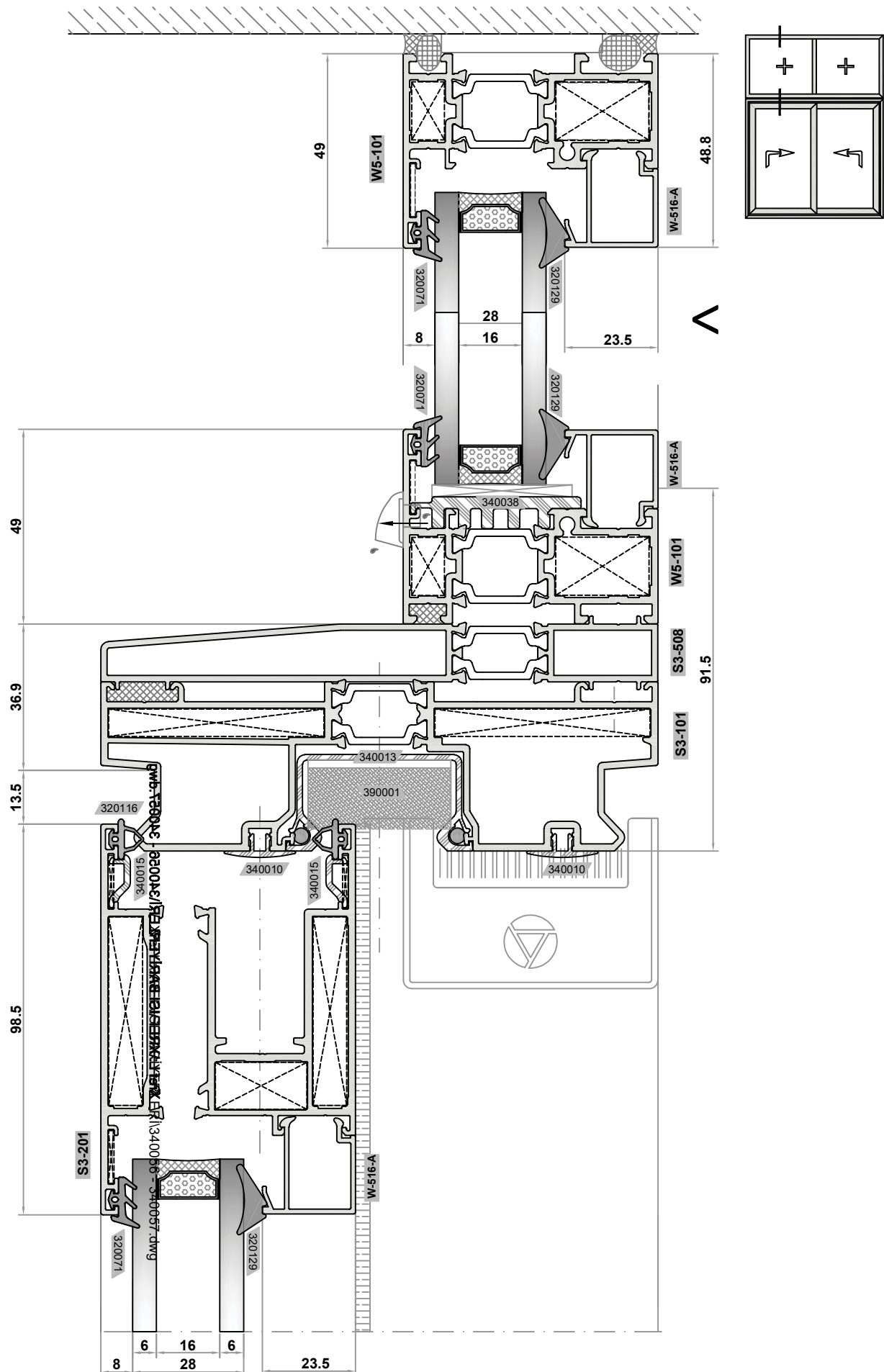
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DOUBLE SASH INSULATED SLIDING DOOR DETAIL



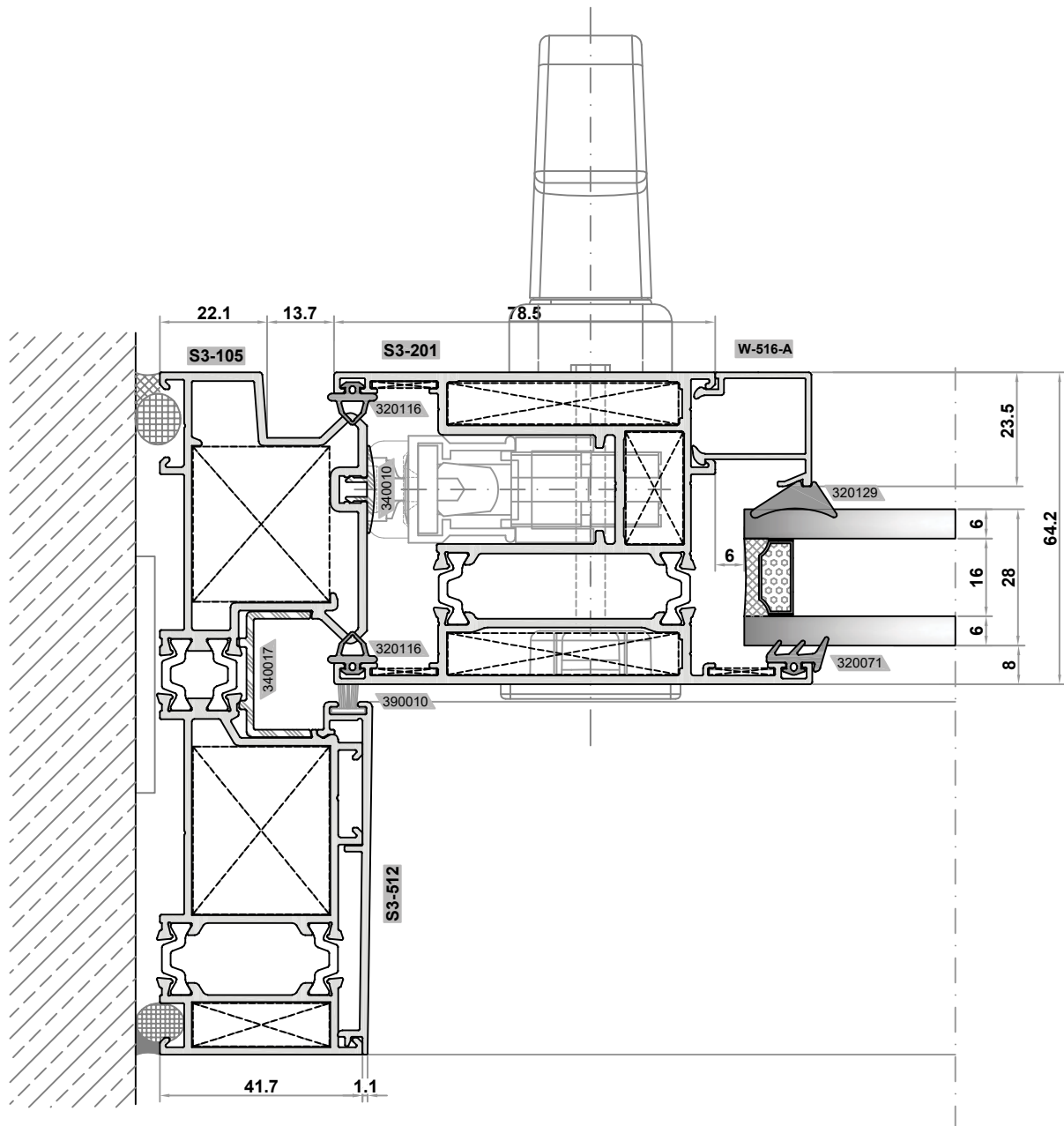
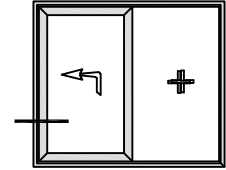
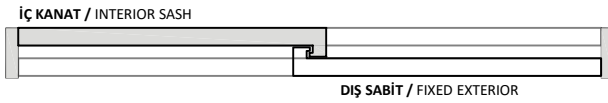
◁ ALTERNATİF DETAY - 2 ▷
ALTERNATIVE DETAIL - 2



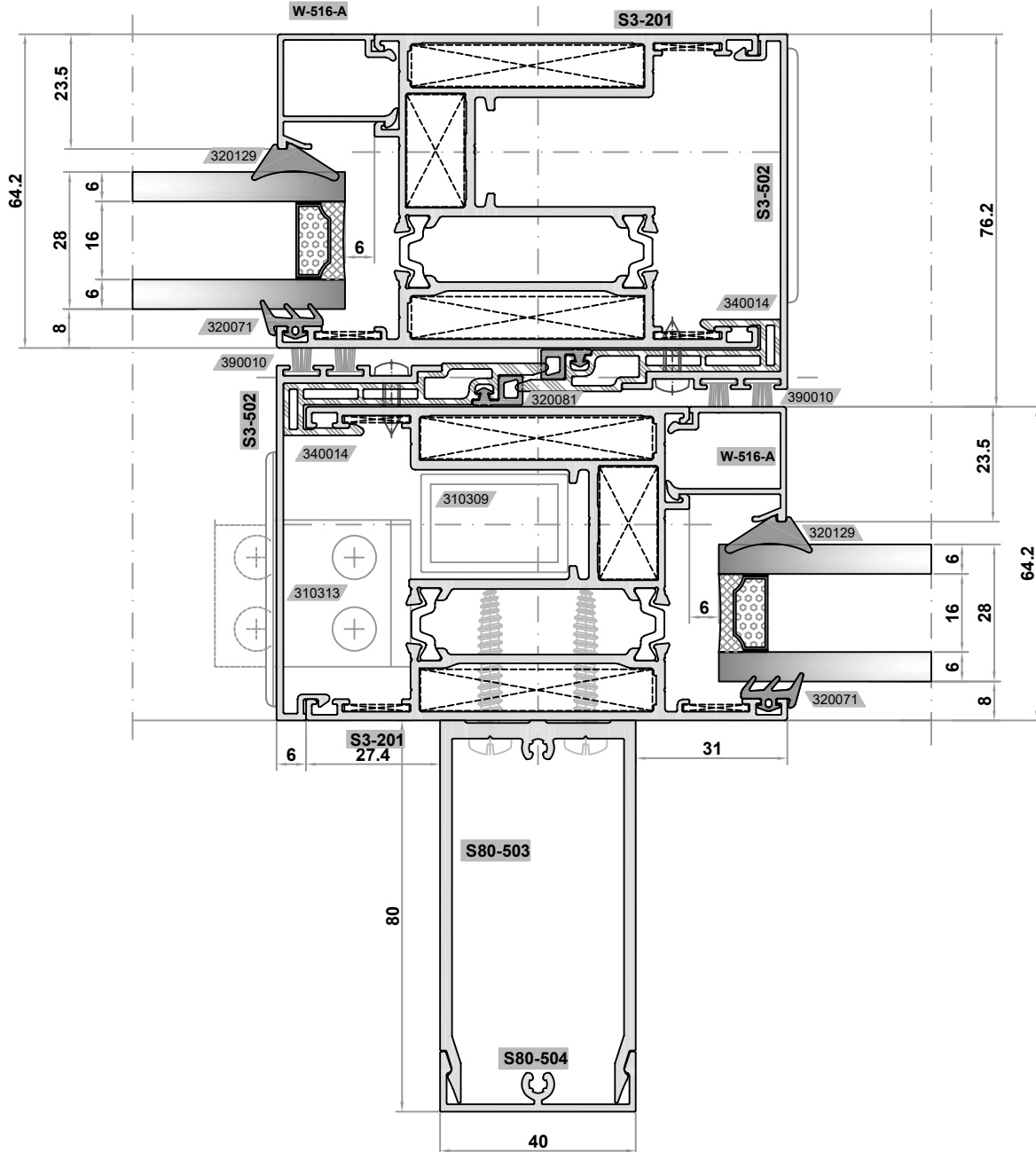
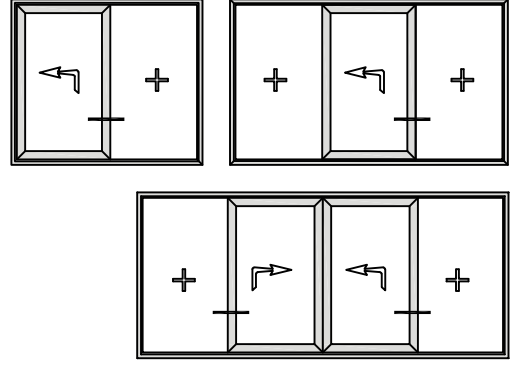
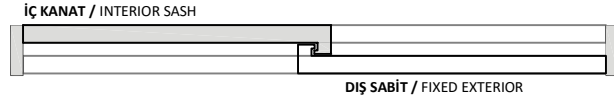
ALTERNATİF DETAY - 1
ALTERNATIVE DETAIL - 1



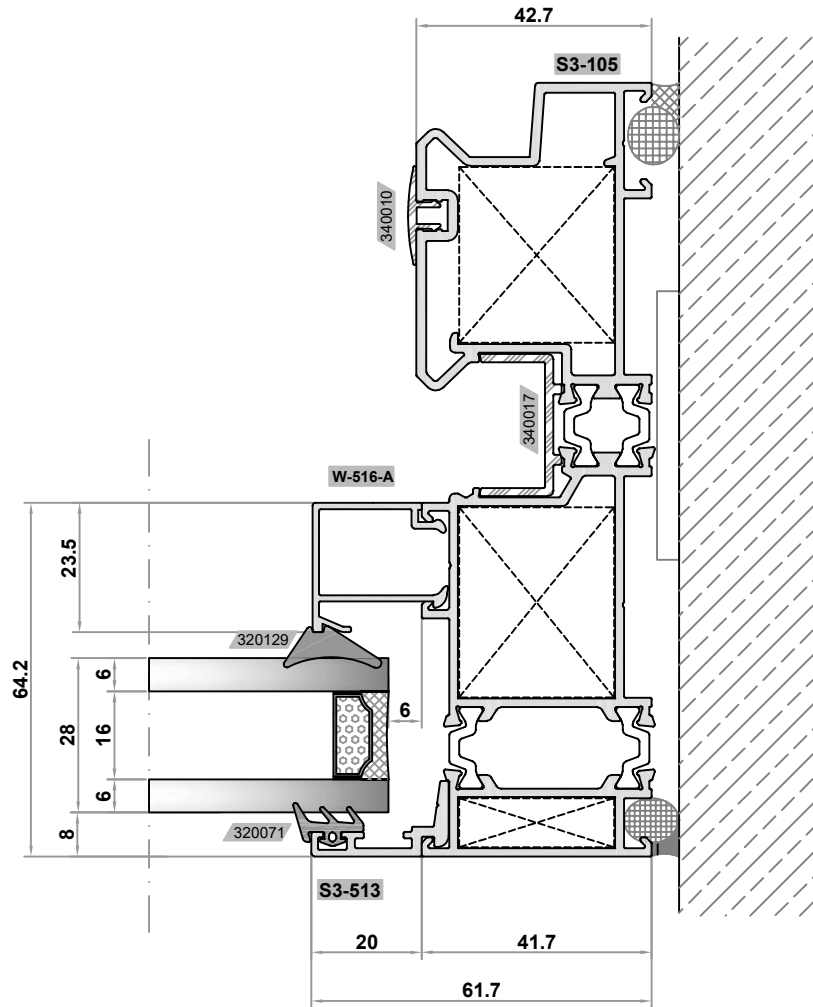
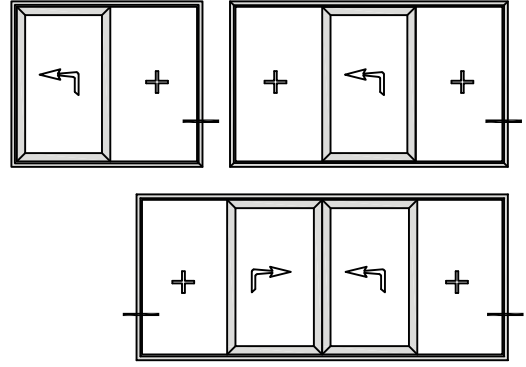
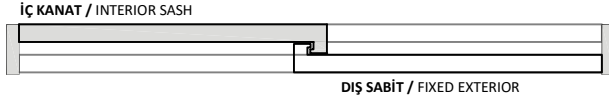
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ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



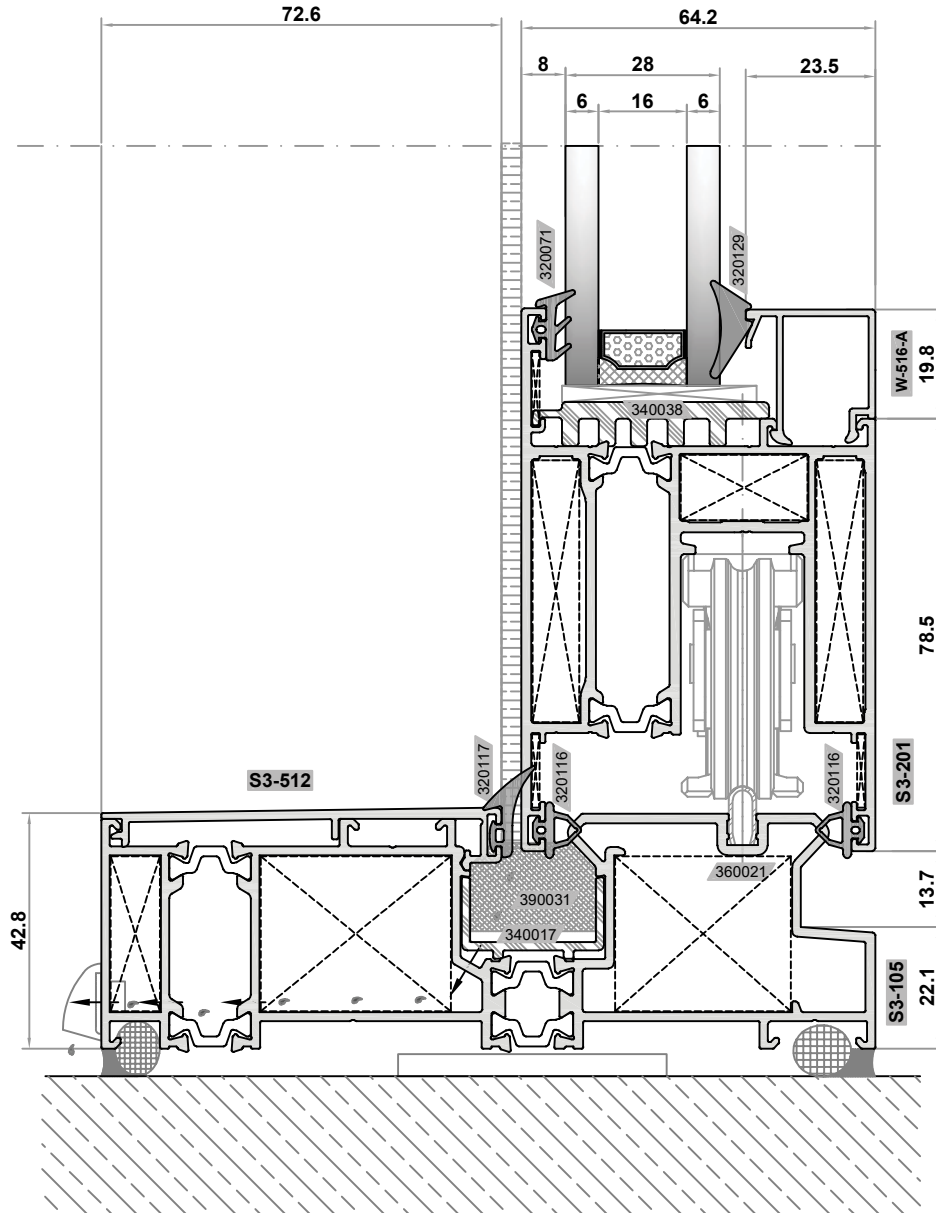
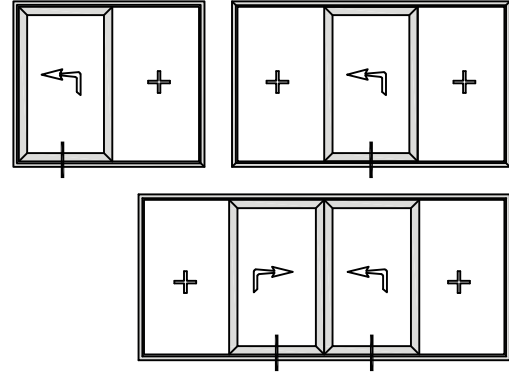
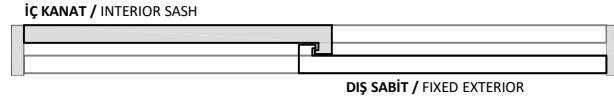
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ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



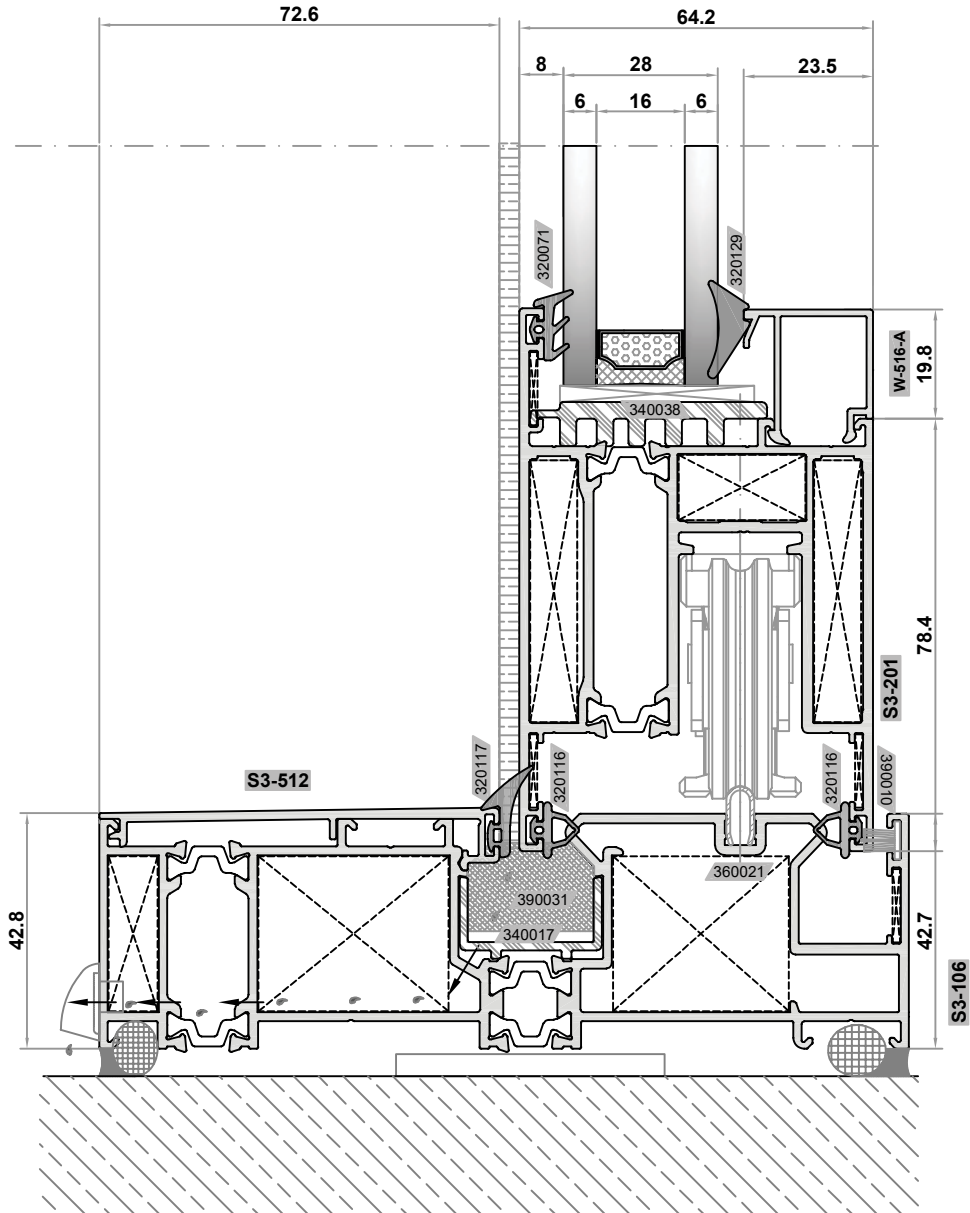
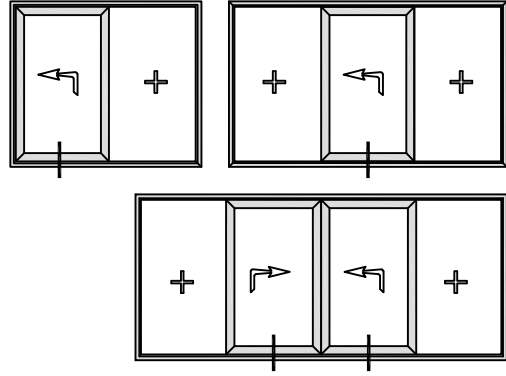
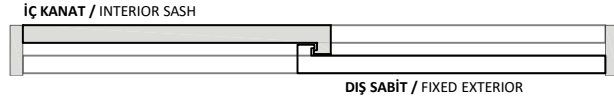
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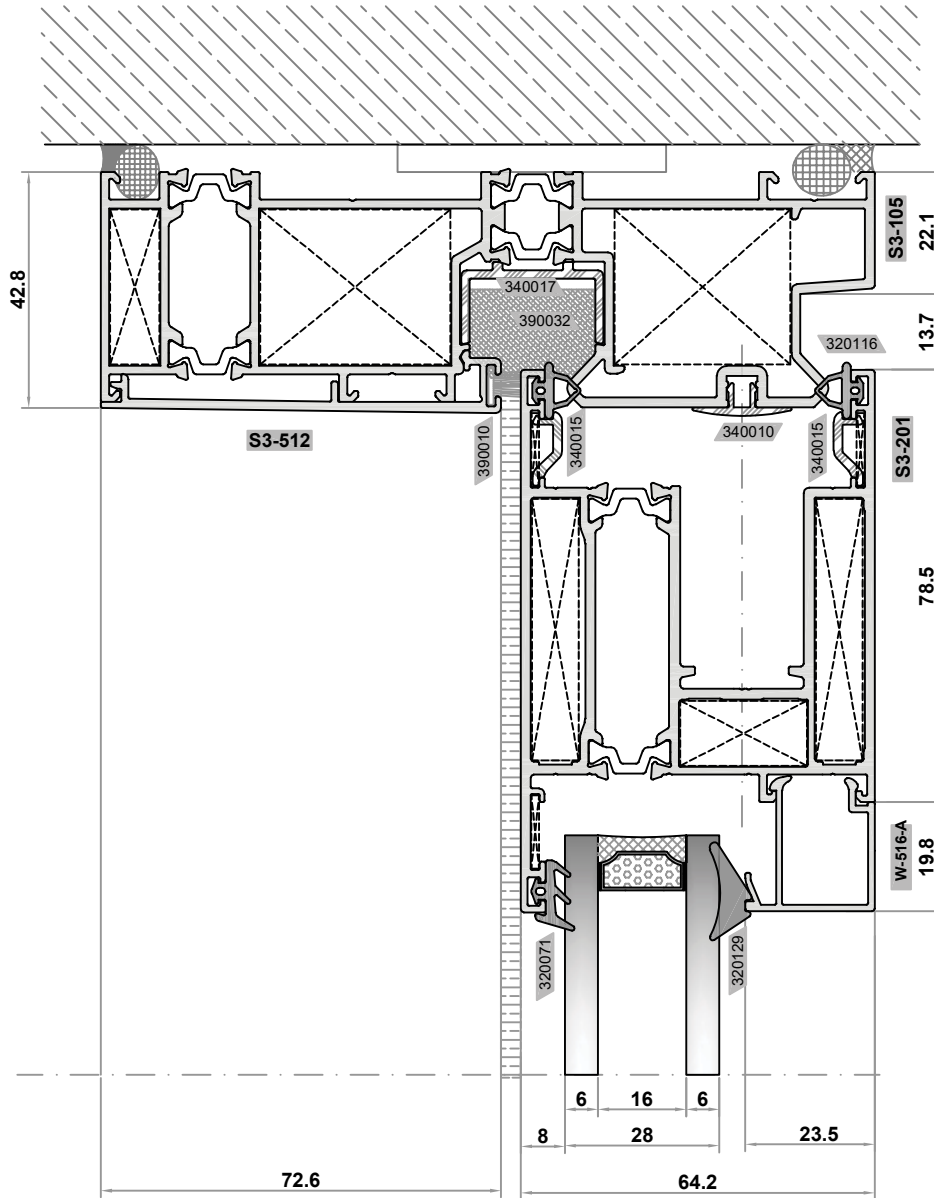
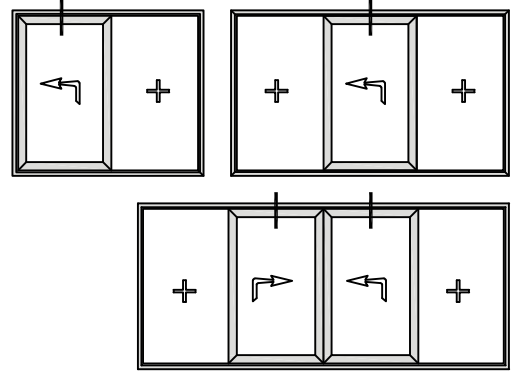
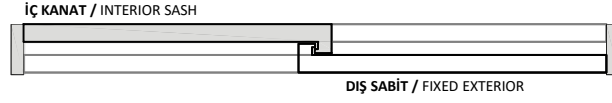
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ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



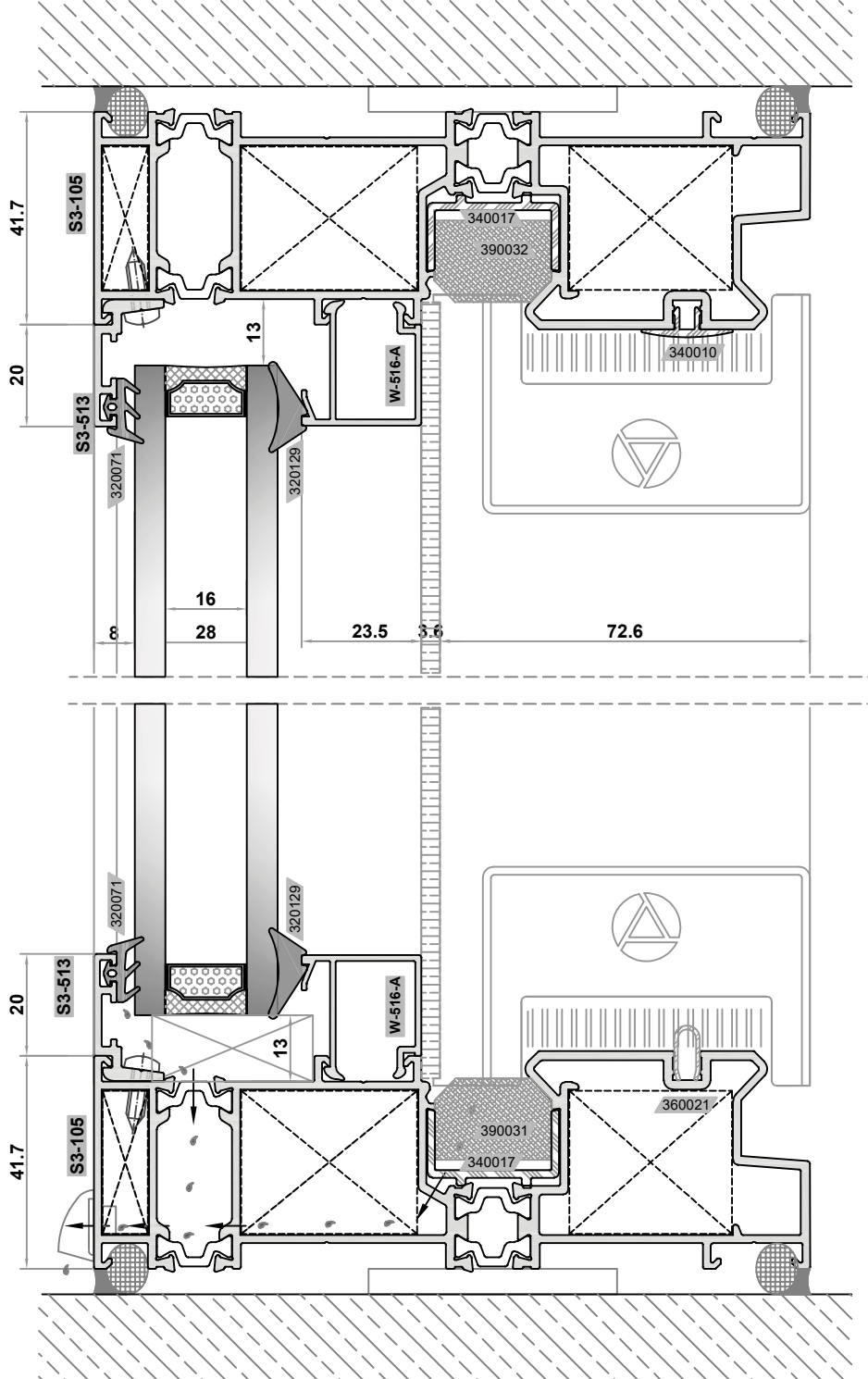
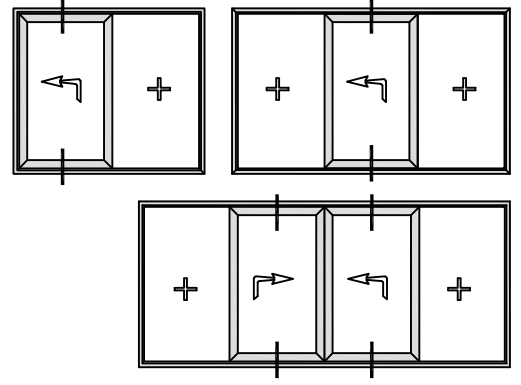
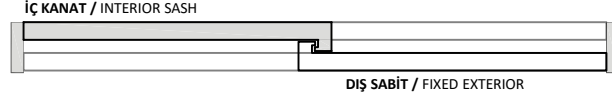
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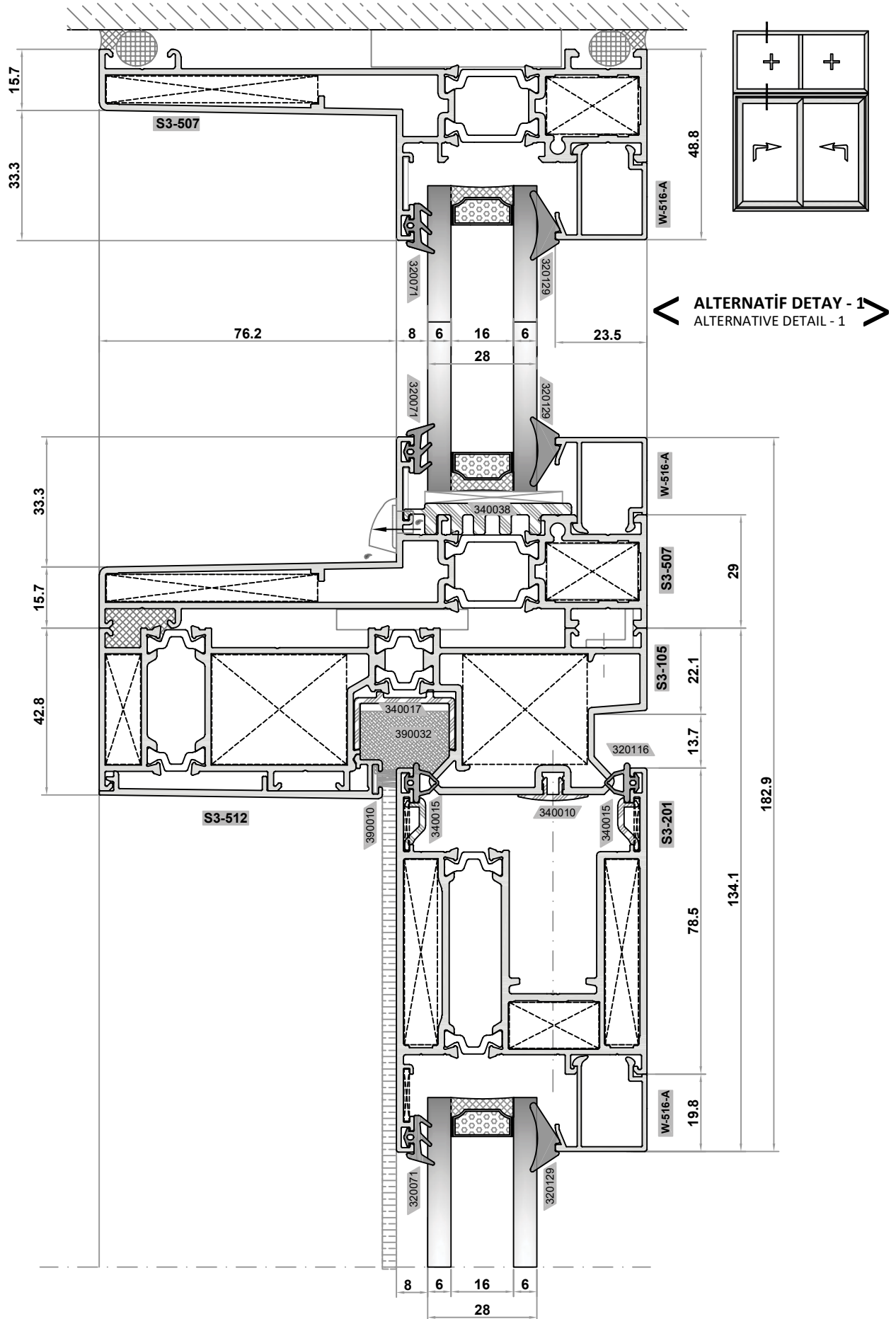


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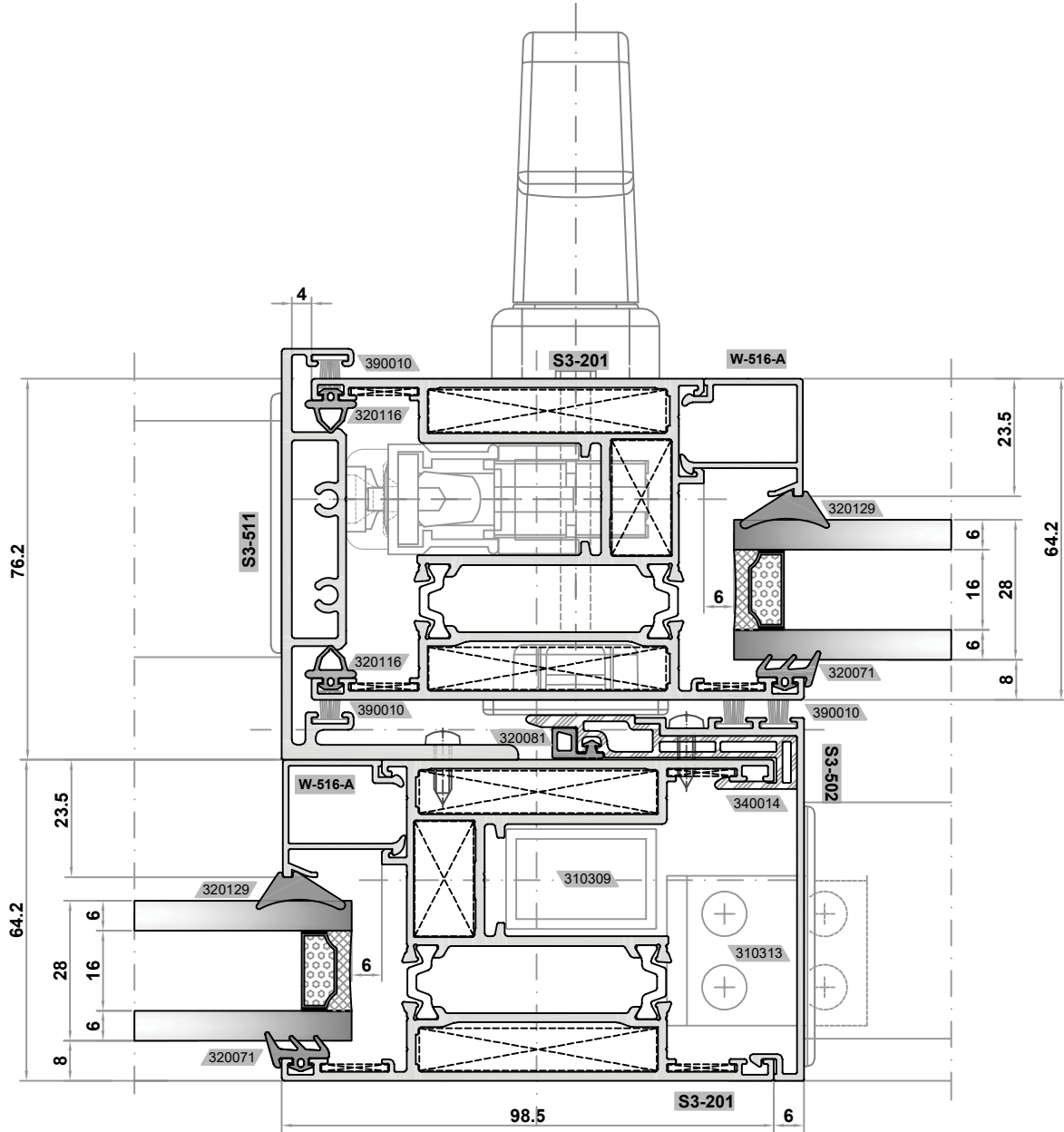
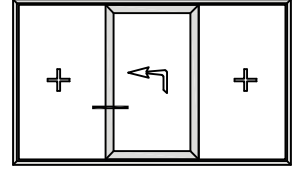
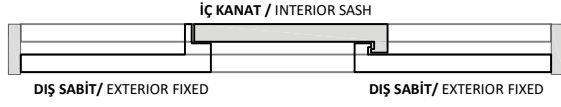


SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL

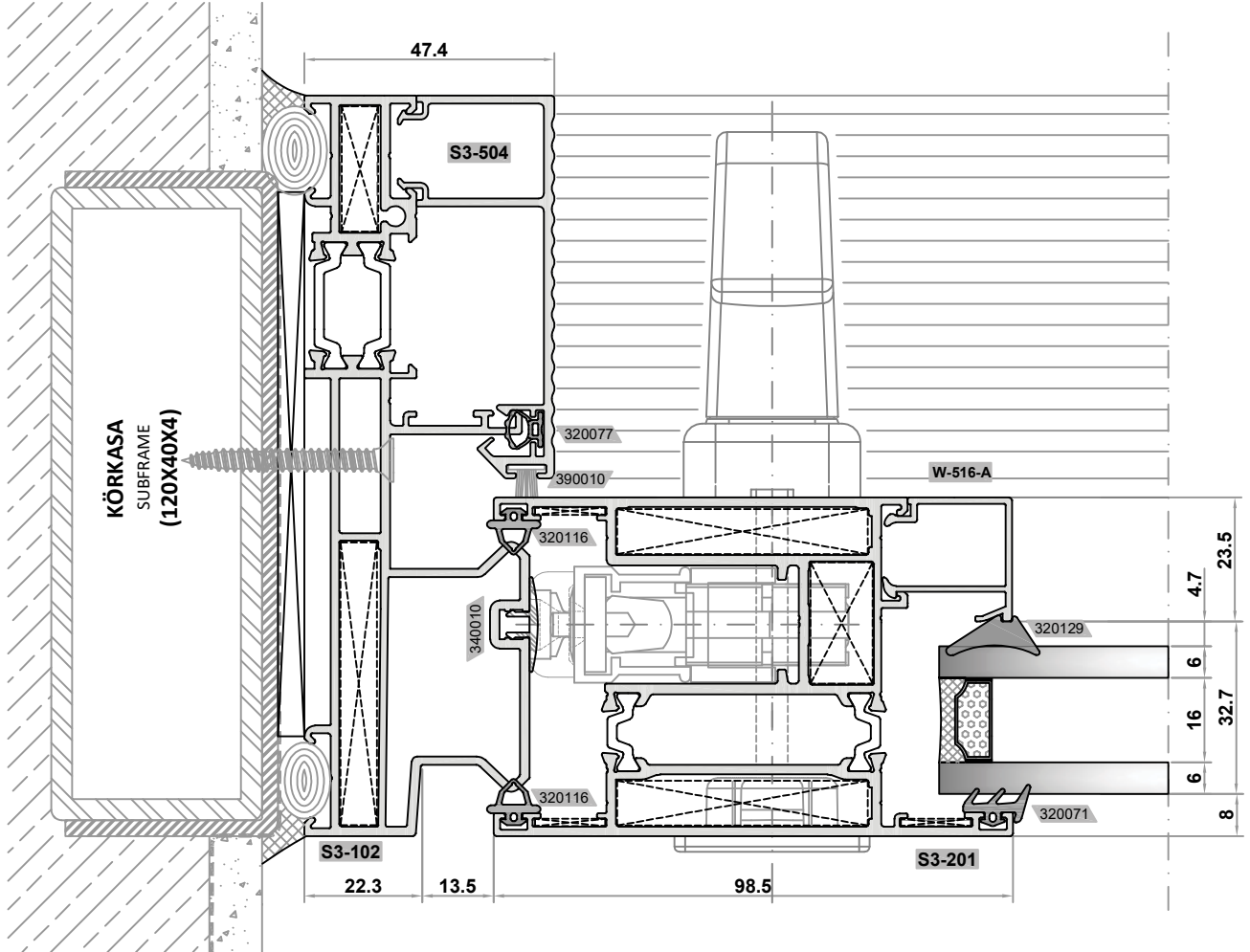
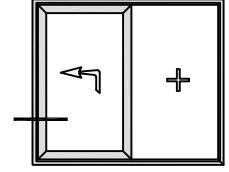
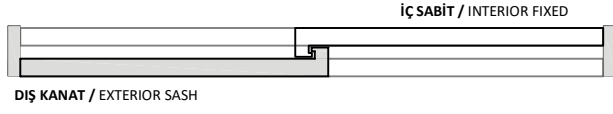




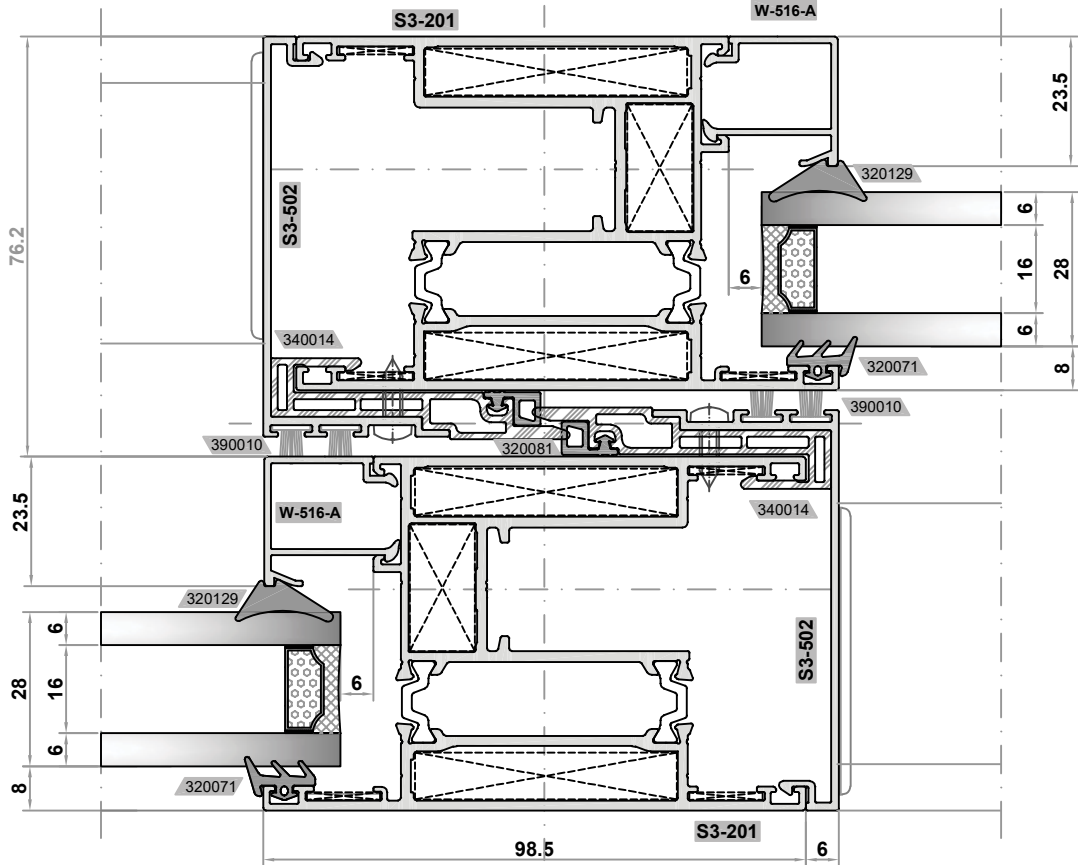
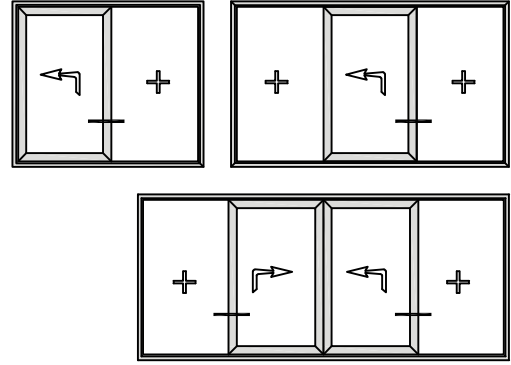
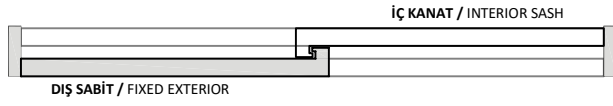
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TWO SIDE FIXED AT THE MIDDLE SINGLE SASH INSULATED SLIDING DOOR DETAIL



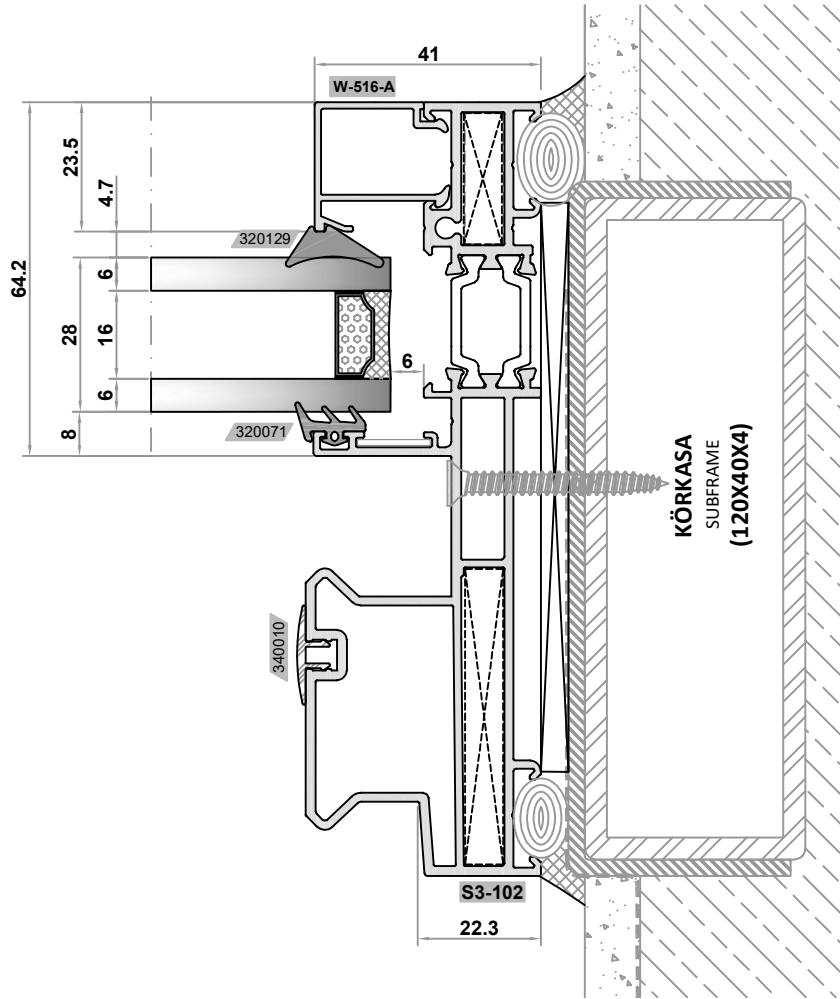
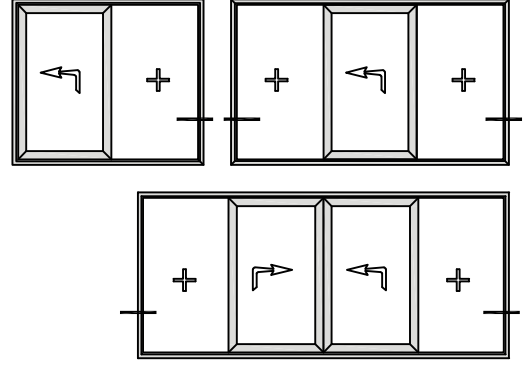
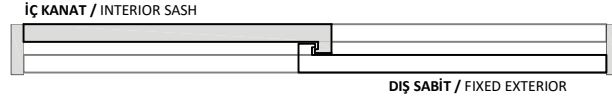
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ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



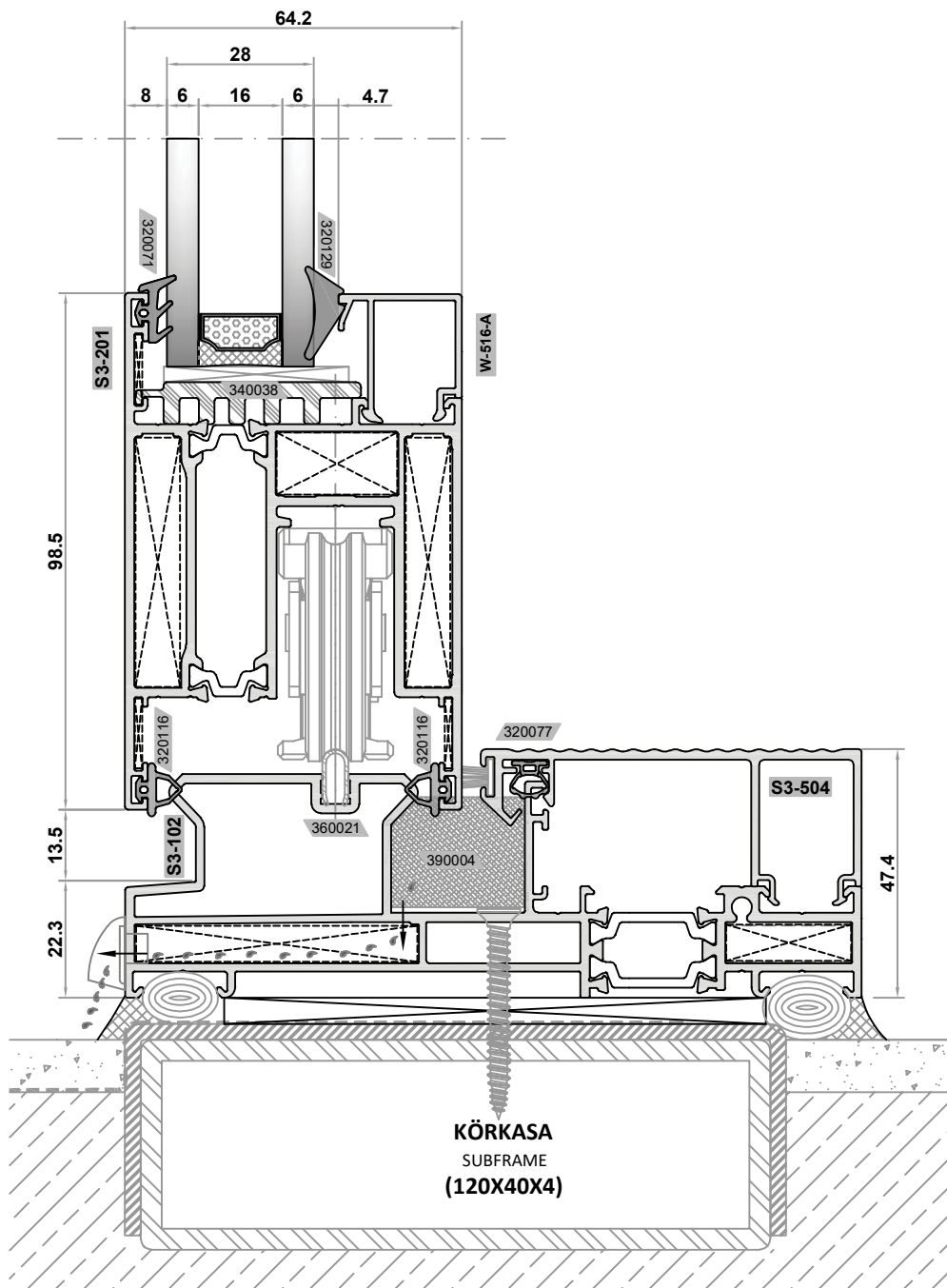
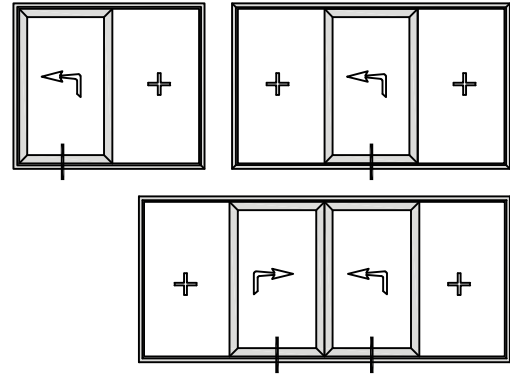
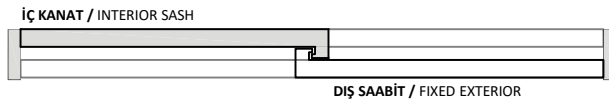
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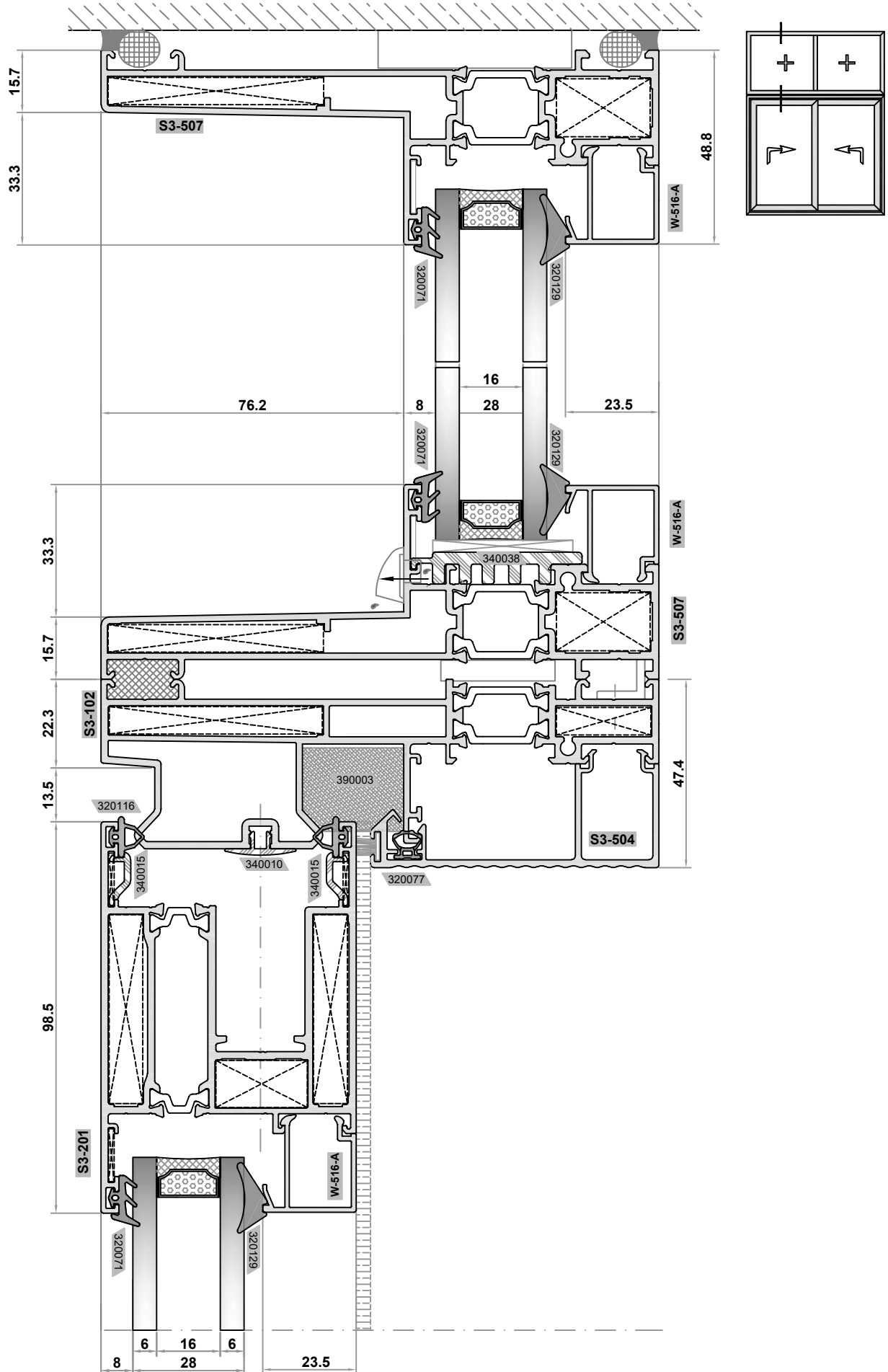


SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI
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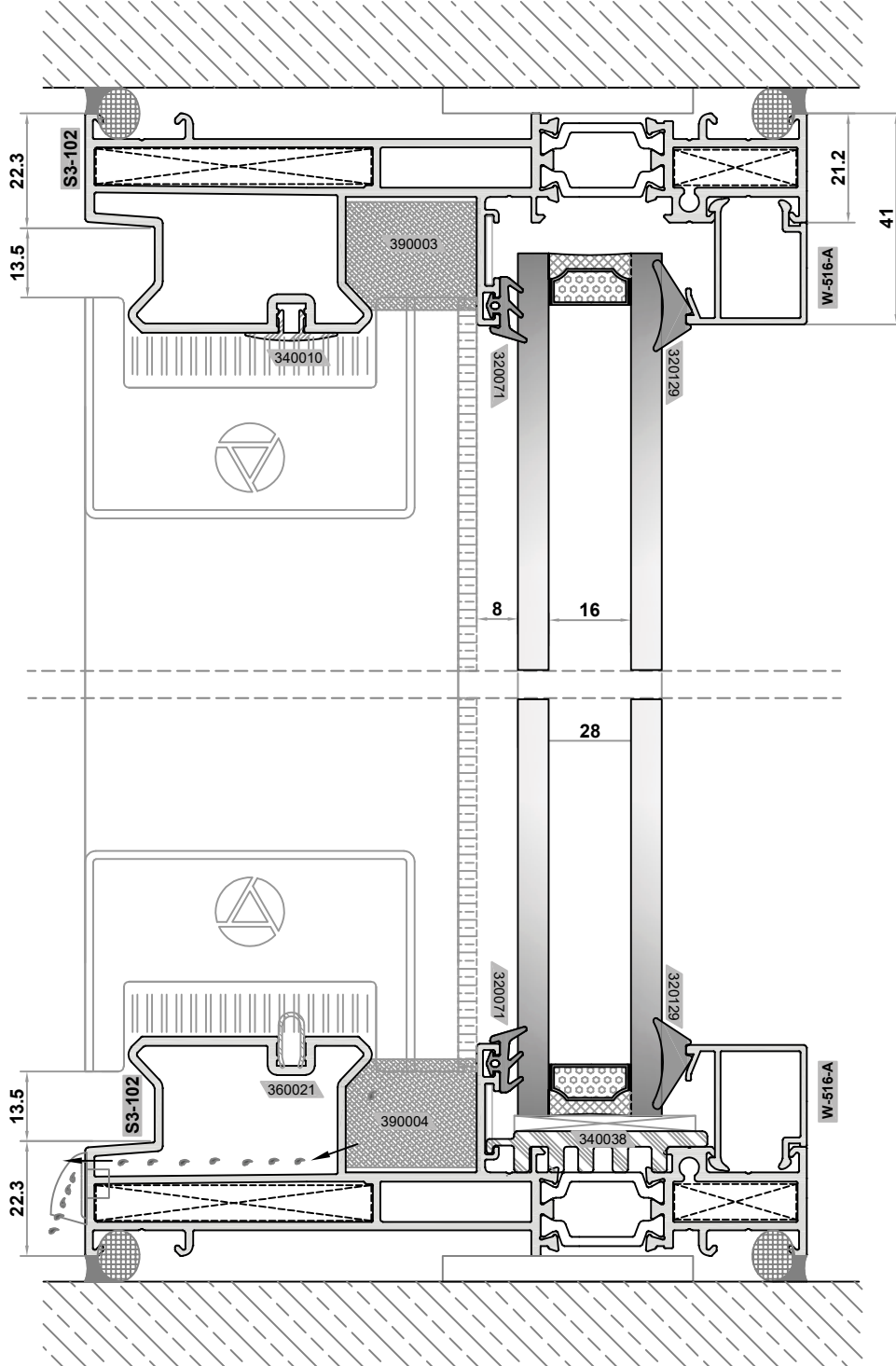
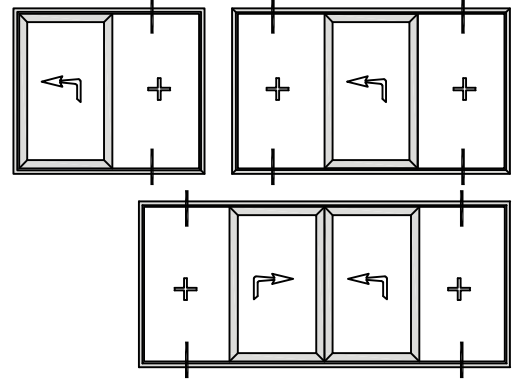
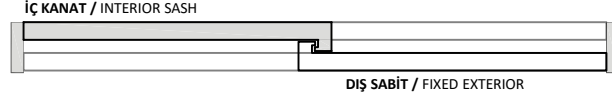


SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI
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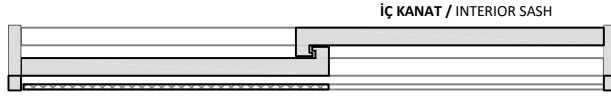




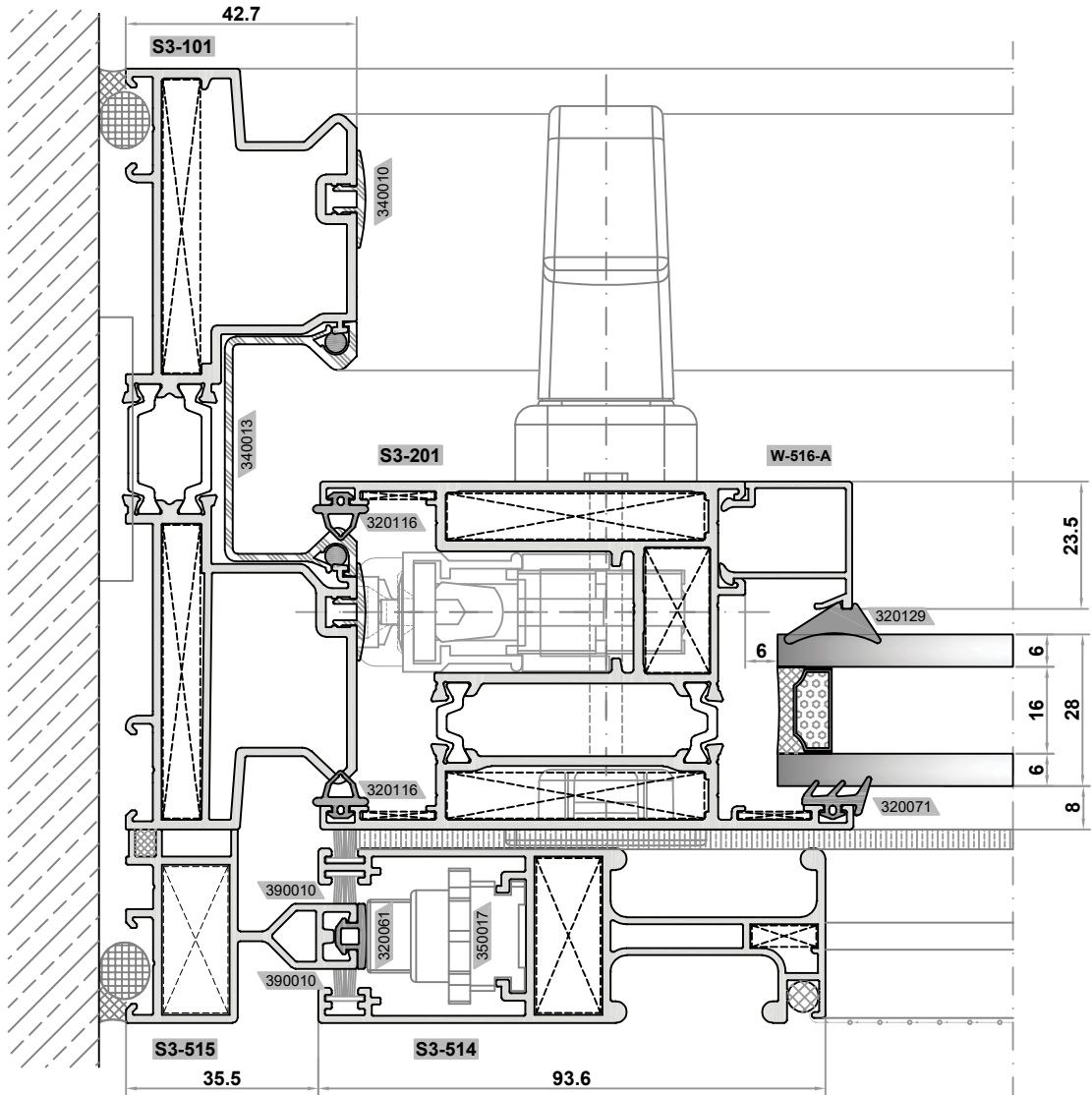
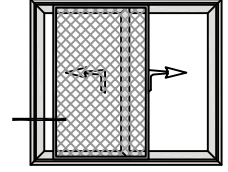
SABİTLİ TEK KANATLI YALITIMLI SÜRME KAPI DETAYI
ONE SIDE FIXED SINGLE SASH INSULATED SLIDING DOOR DETAIL



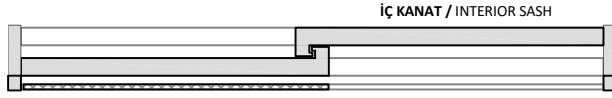
ÇİFT KANATLI YALITIMLI SÜRME KAPI DETAYI
DOUBLE SASH INSULATED SLIDING DOOR DETAIL



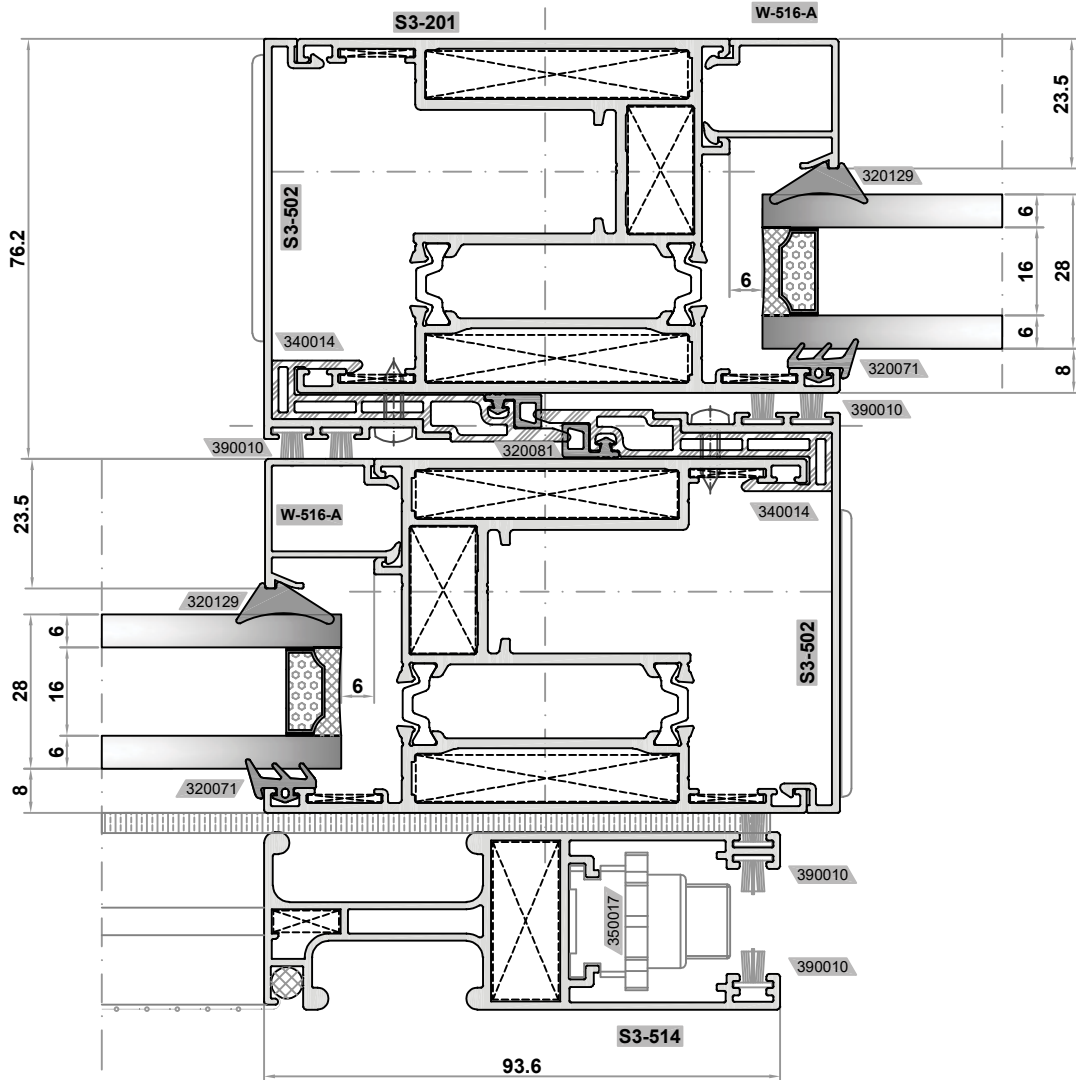
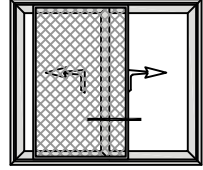
DİŞ KANAT / EXTERIOR SASH
KAYAR SİNEKLİK / MOVABLE INSECT SCREEN



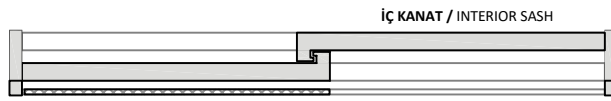
ÇİFT KANATLI YALITIMLI SÜRME KAPI DETAYI
DOUBLE SASH INSULATED SLIDING DOOR DETAIL



DİŞ KANAT / EXTERIOR SASH
KAYAR SİNEKLİK / MOVABLE INSECT SCREEN



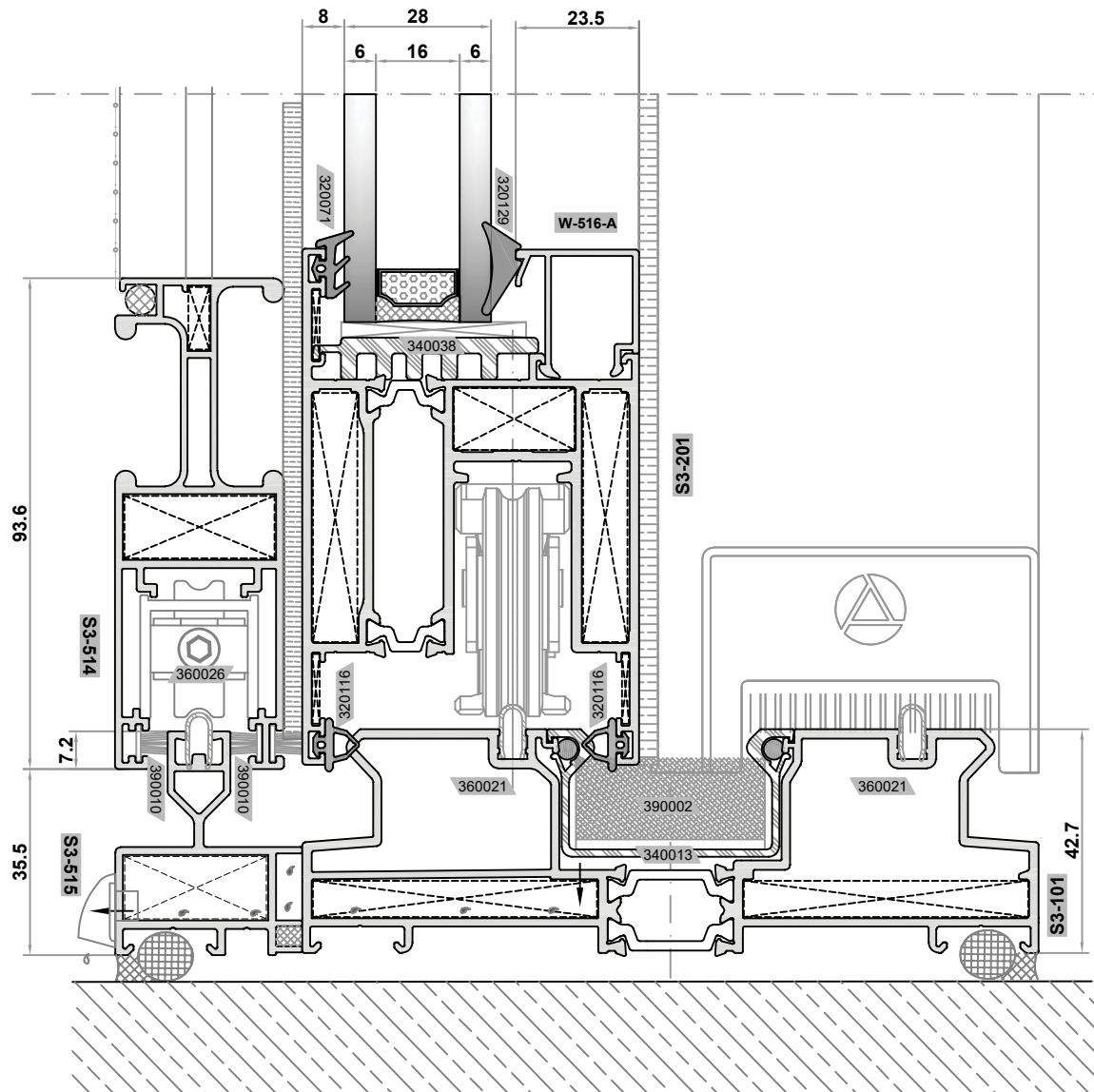
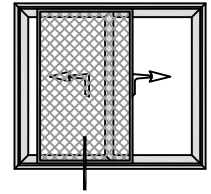
ÇİFT KANATLI YALITIMLI SÜRME KAPI DETAYI
DOUBLE SASH INSULATED SLIDING DOOR DETAIL



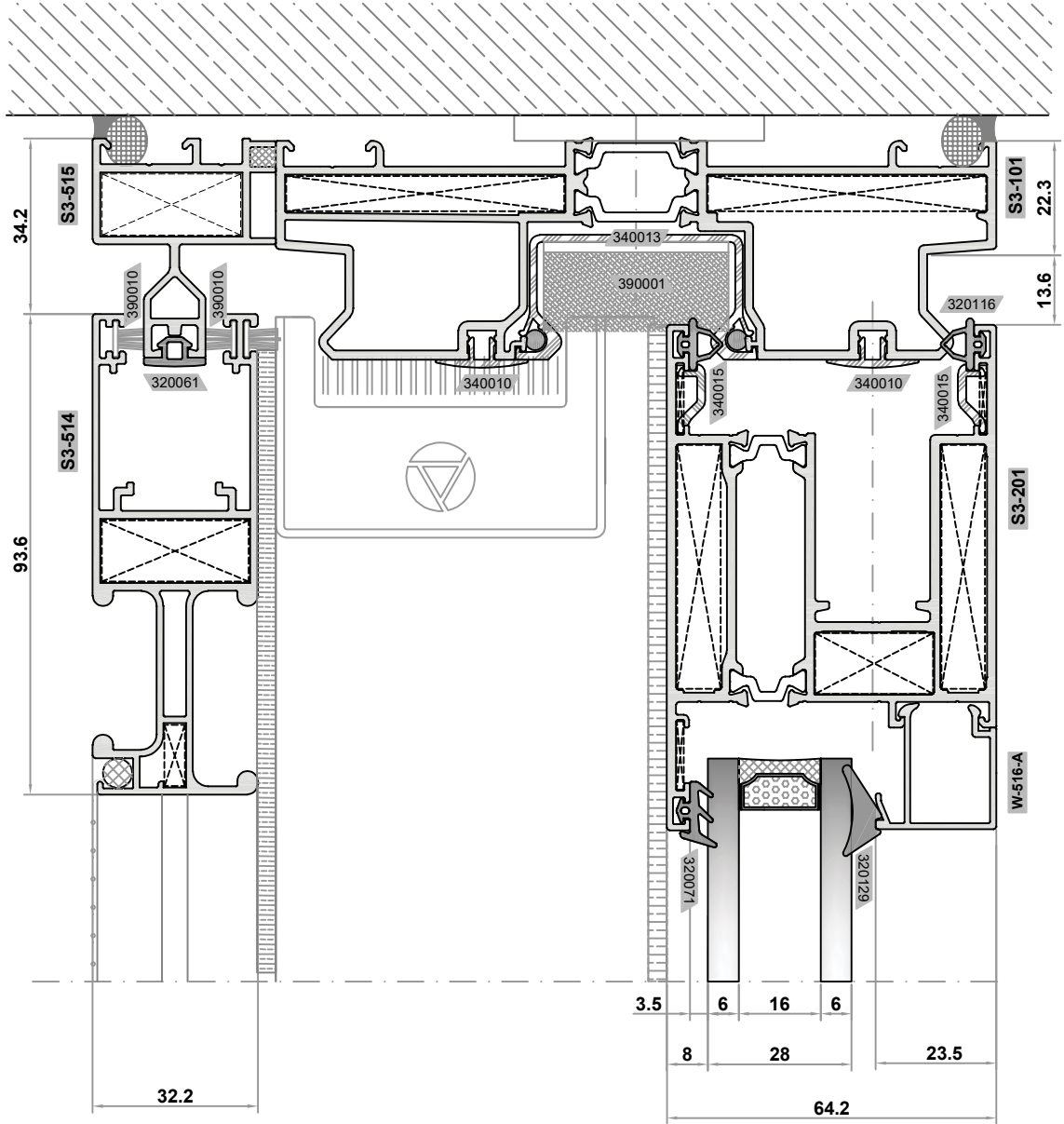
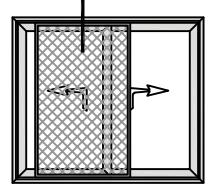
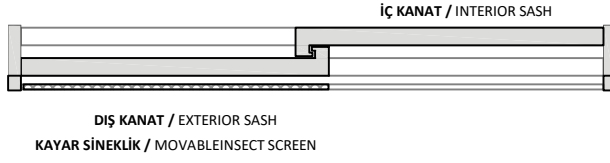
İÇ KANAT / INTERIOR SASH

DIŞ KANAT / EXTERIOR SASH

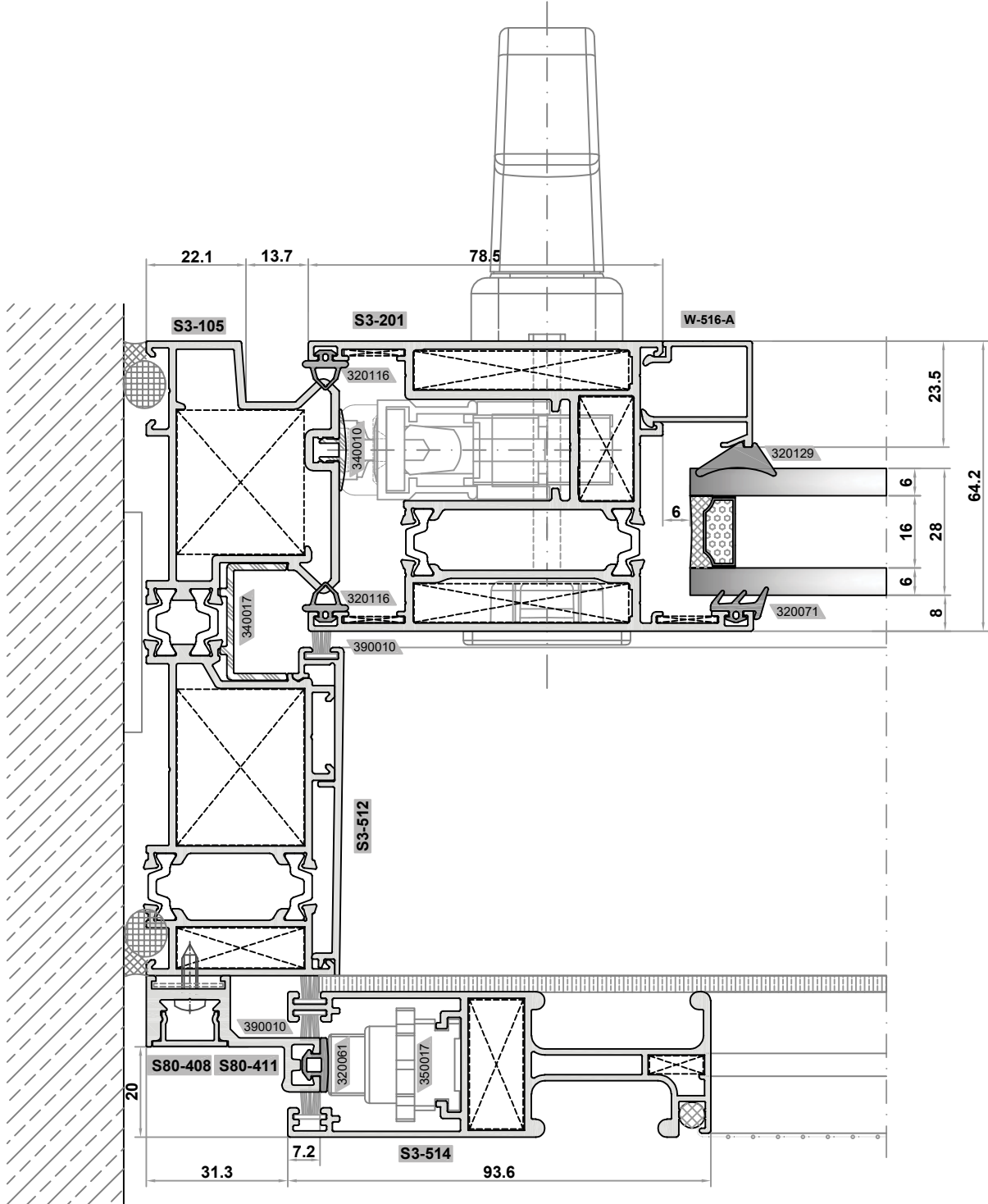
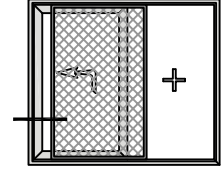
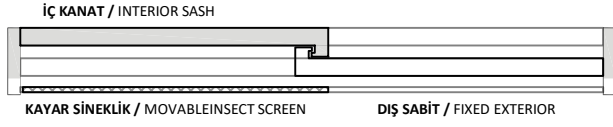
KAYAR SİNEKLİK / MOVABLE INSECT SCREEN



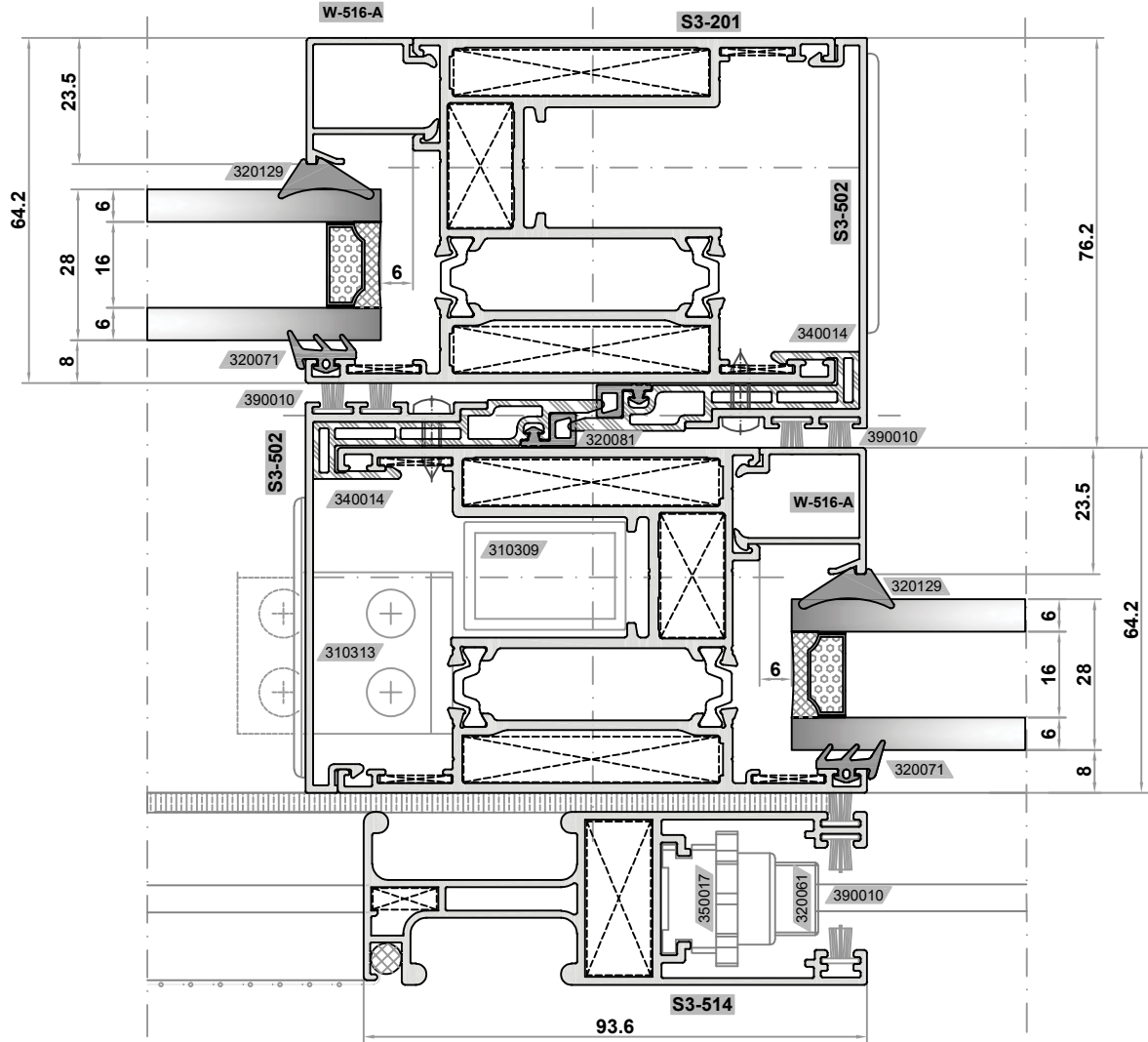
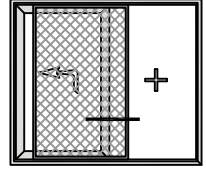
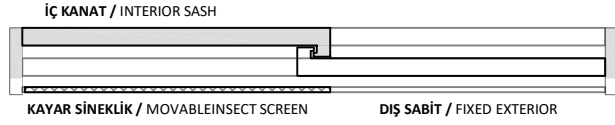
ÇİFT KANATLI YALITIMLI SÜRME KAPI DETAYI
DOUBLE SASH INSULATED SLIDING DOOR DETAIL



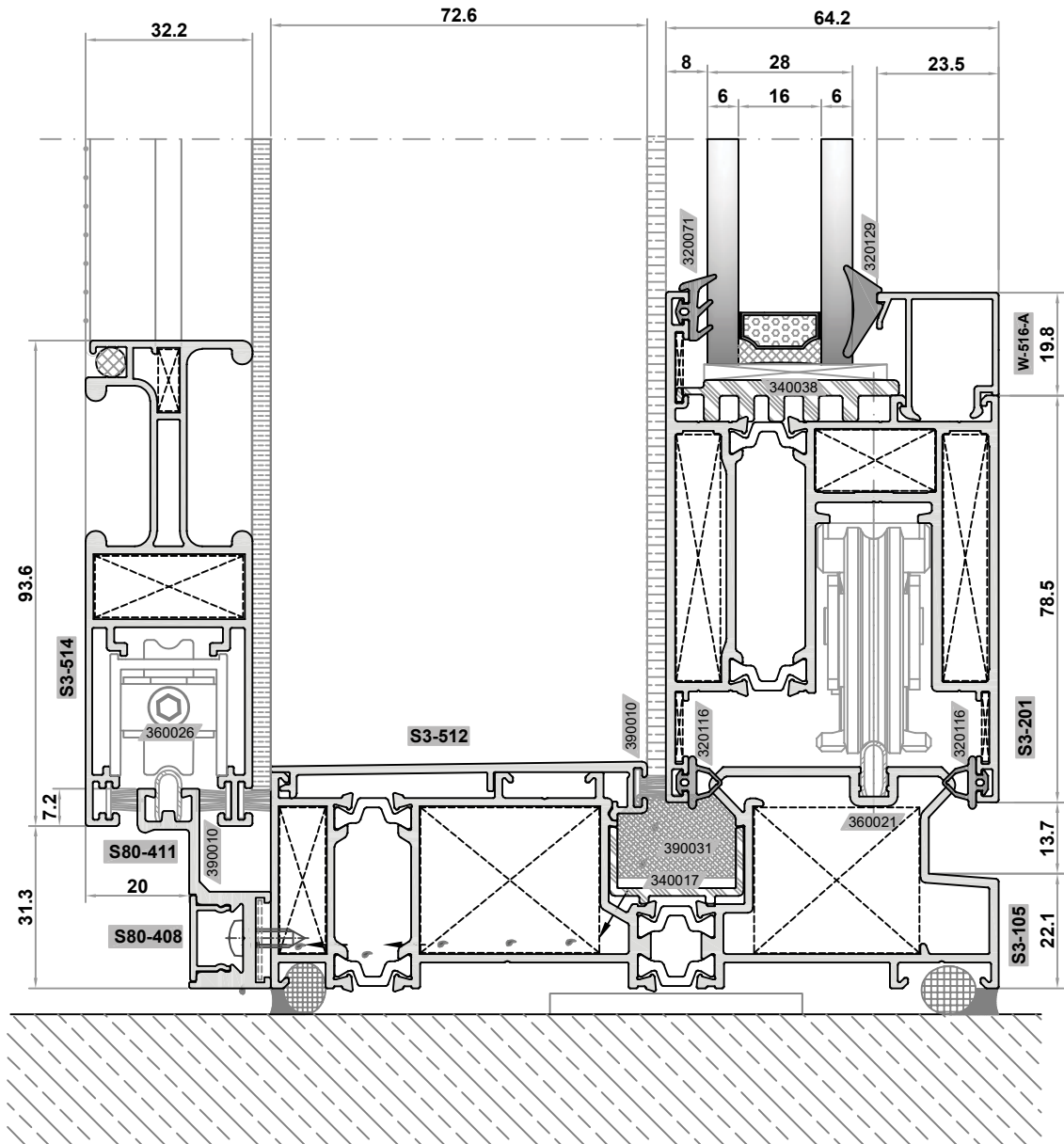
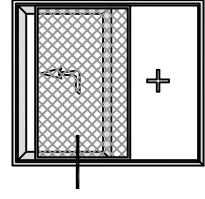
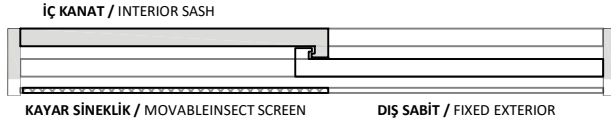
TEK KANAT YALITIMLI SÜRME KAPI DETAYI
SINGLE SASH INSULATED SLIDING DOOR DETAIL



TEK KANAT YALITIMLI SÜRME KAPI DETAYI
SINGLE SASH INSULATED SLIDING DOOR DETAIL

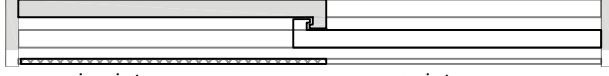


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SINGLE SASH INSULATED SLIDING DOOR DETAIL



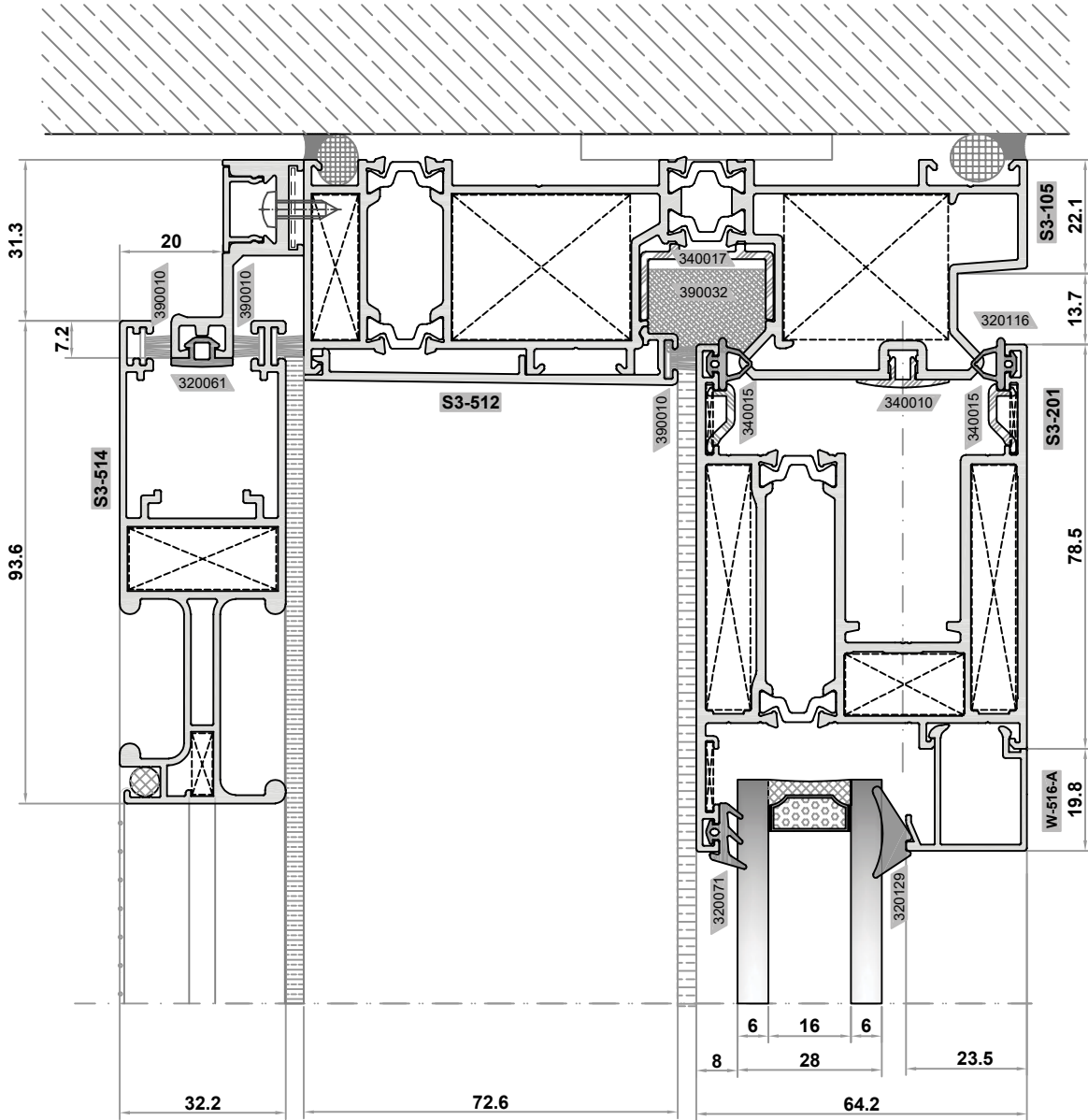
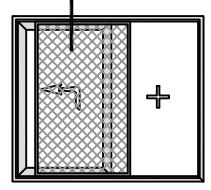
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SINGLE SASH INSULATED SLIDING DOOR DETAIL

İÇ KANAT / INTERIOR SASH

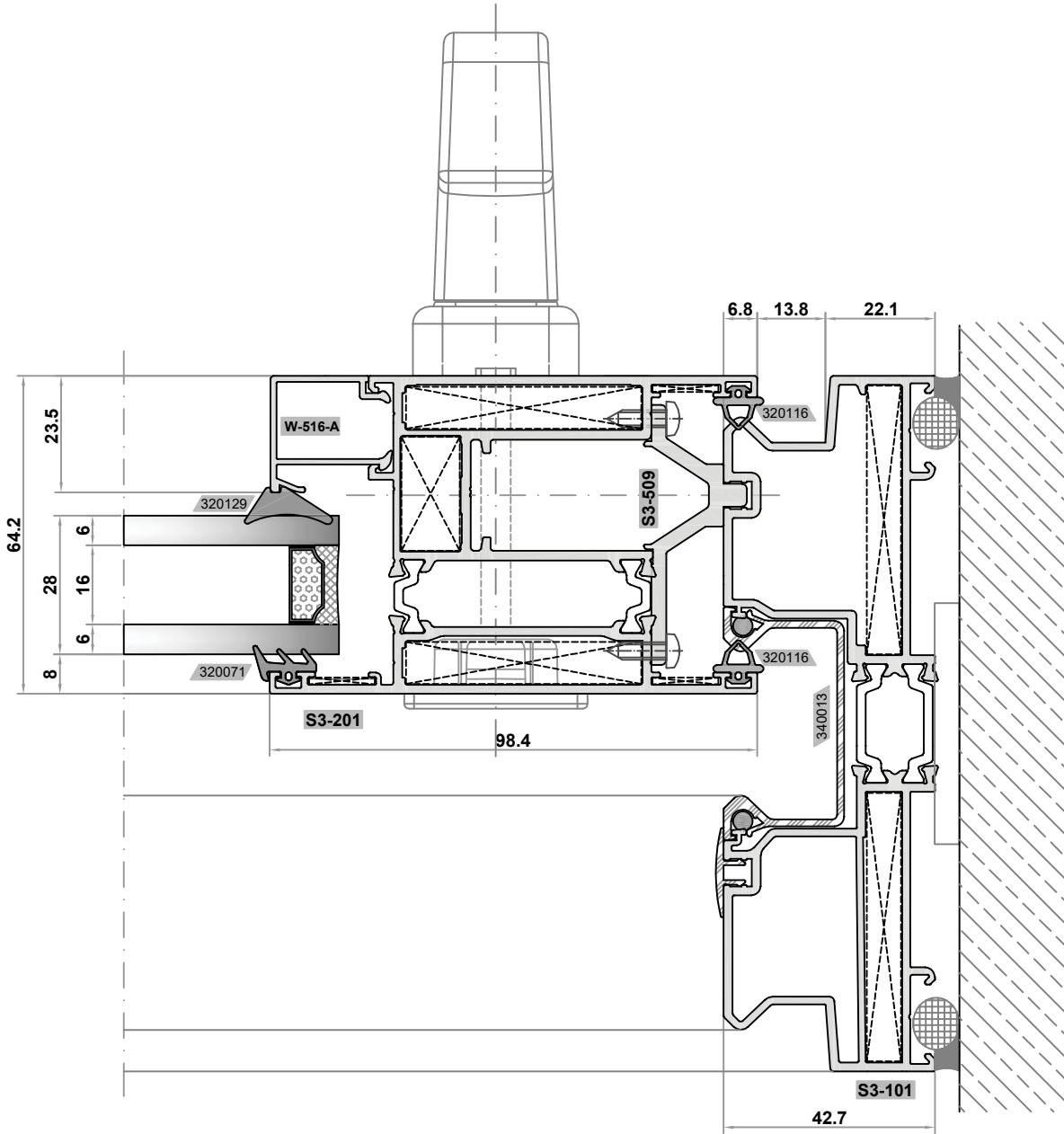
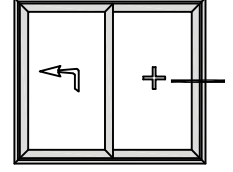
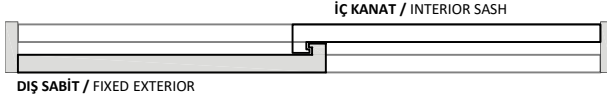


KAYAR SİNEKLİK / MOVABLE INSECT SCREEN

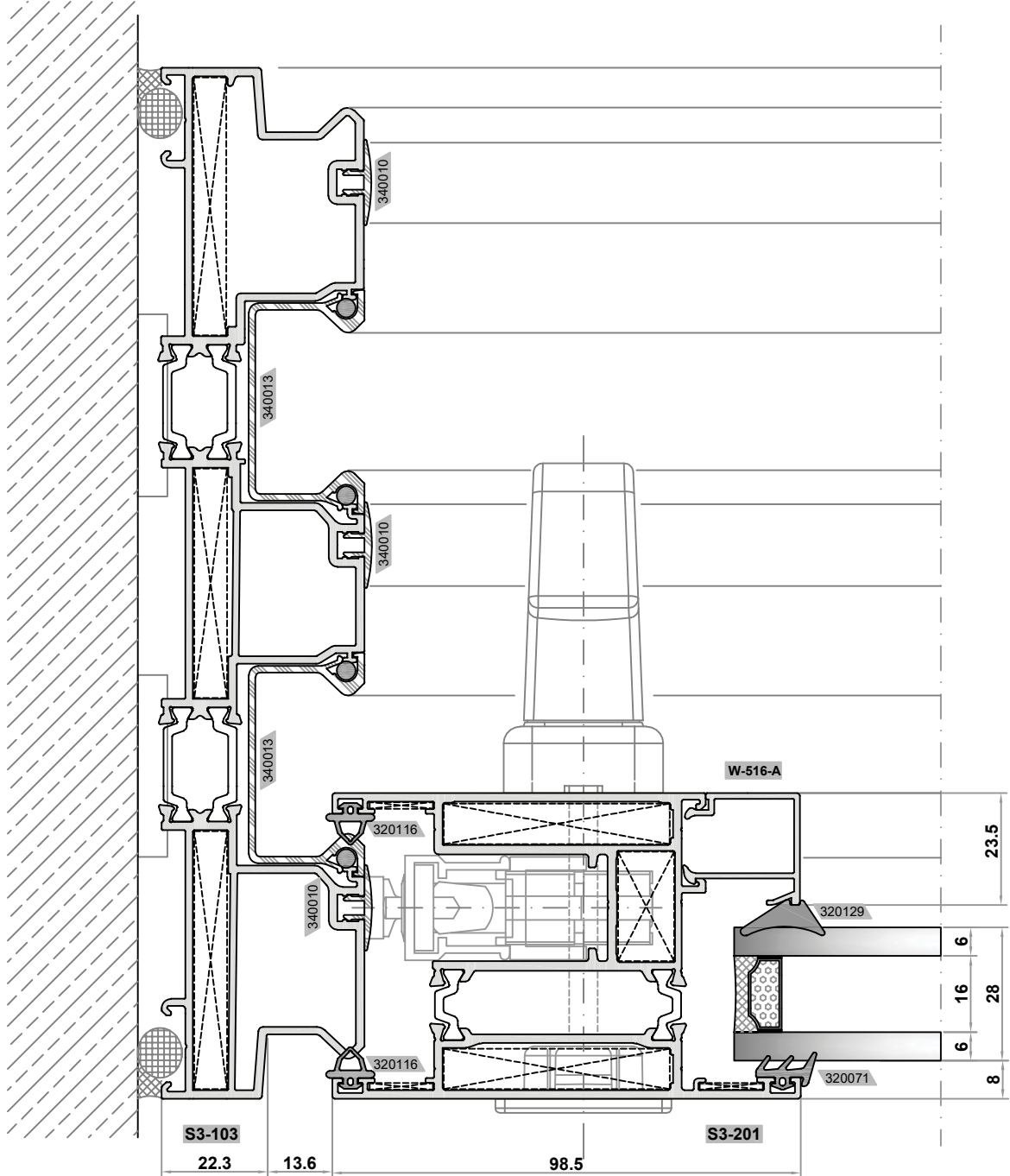
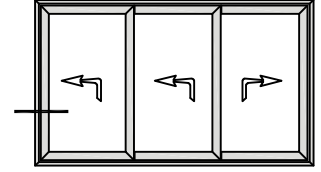
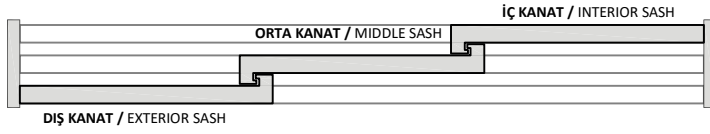
DİŞ SABİT / FIXED EXTERIOR



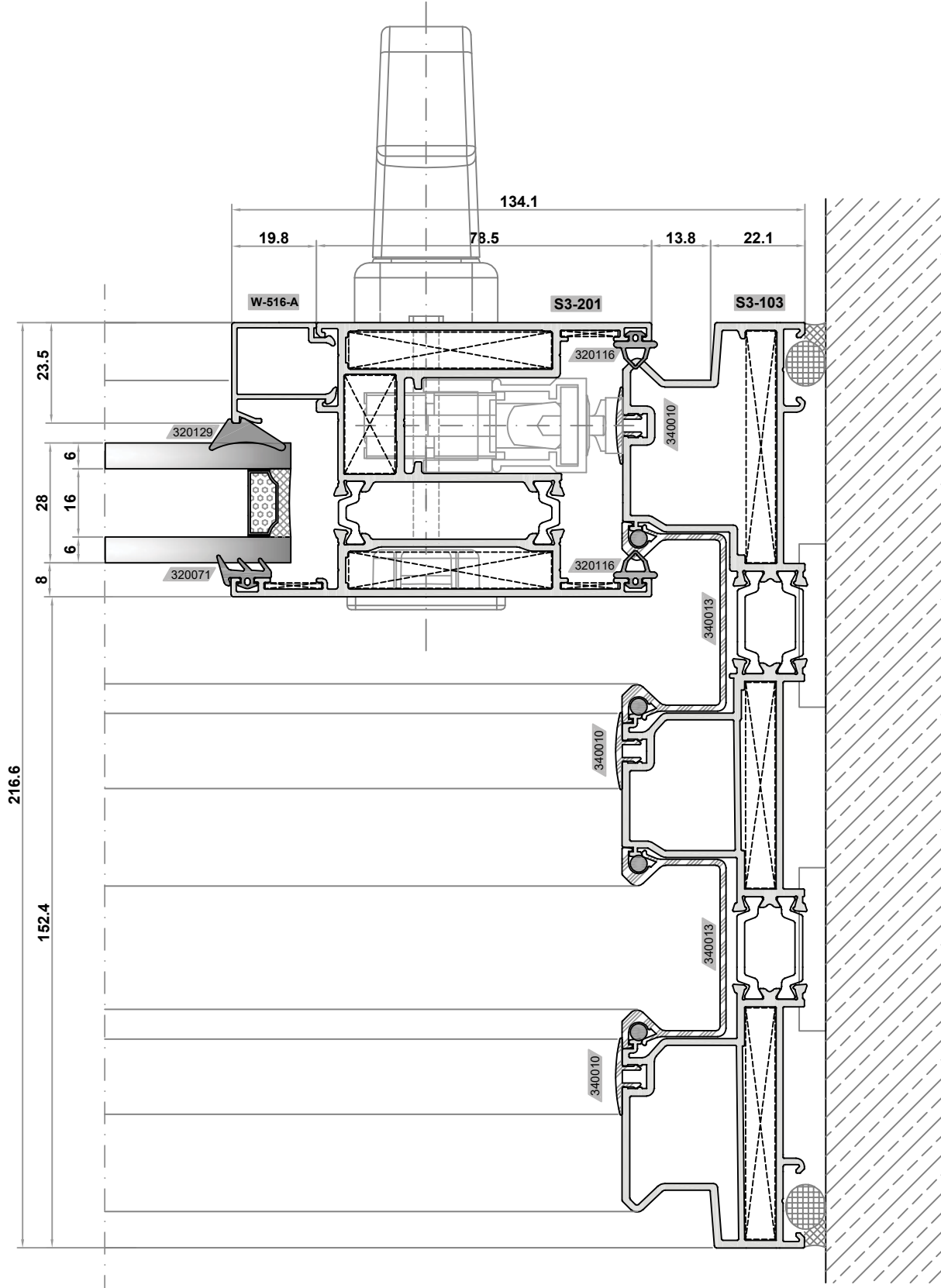
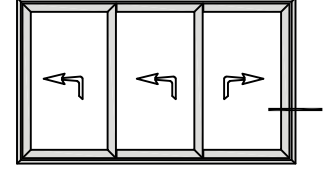
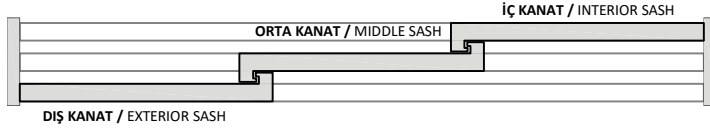
ÇİFT KANATLI YALITIMLI SÜRME KAPI DETAYI
DOUBLE SASH INSULATED SLIDING DOOR DETAIL



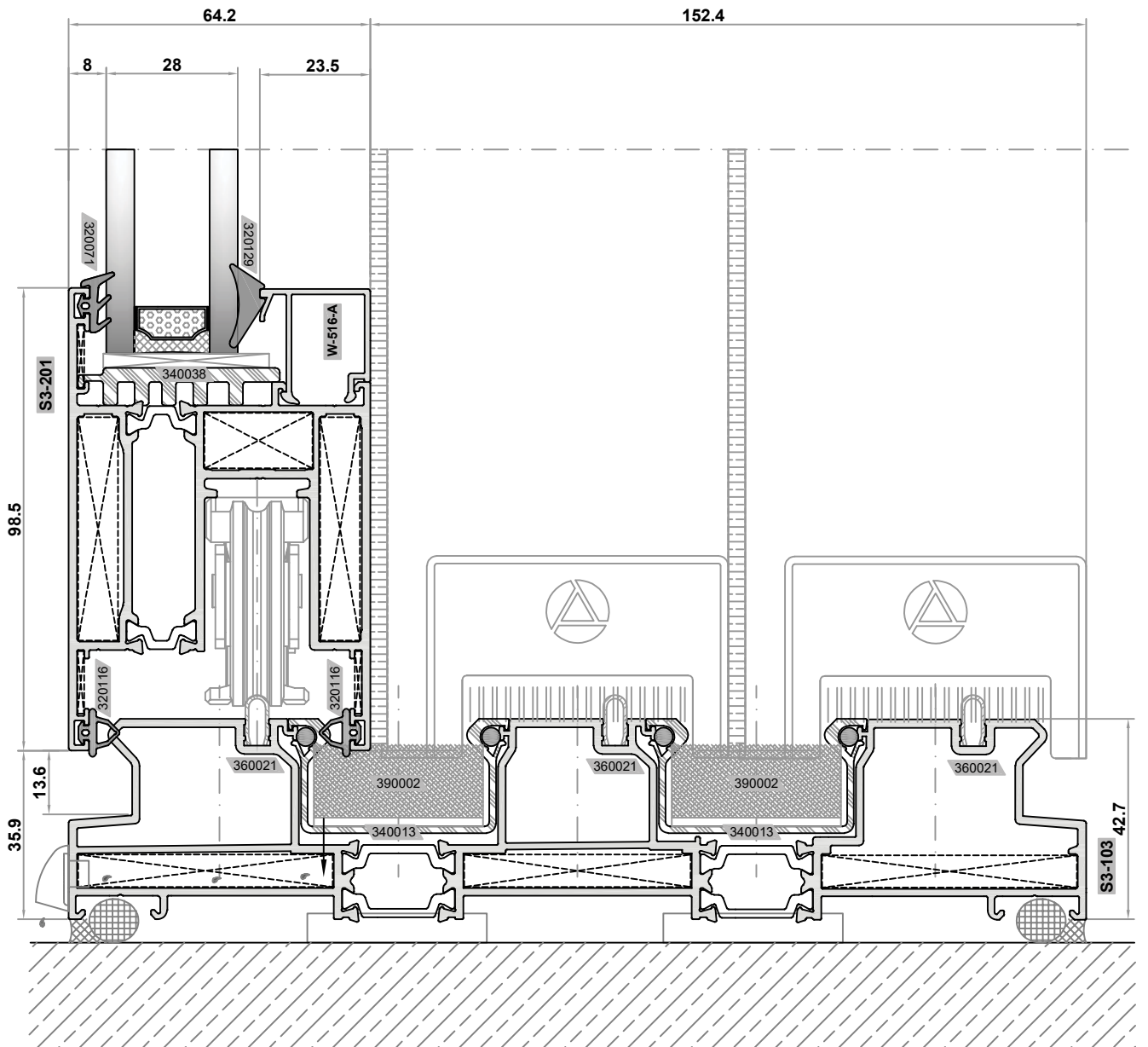
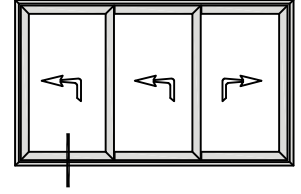
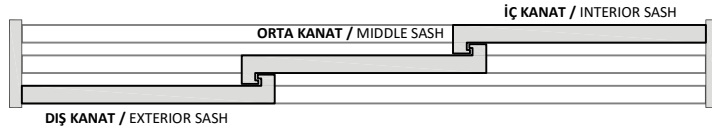
ÜÇ KANATLI YALITIMLI SÜRME KAPI DETAYI
THREE SASH INSULATED SLIDING DOOR DETAIL



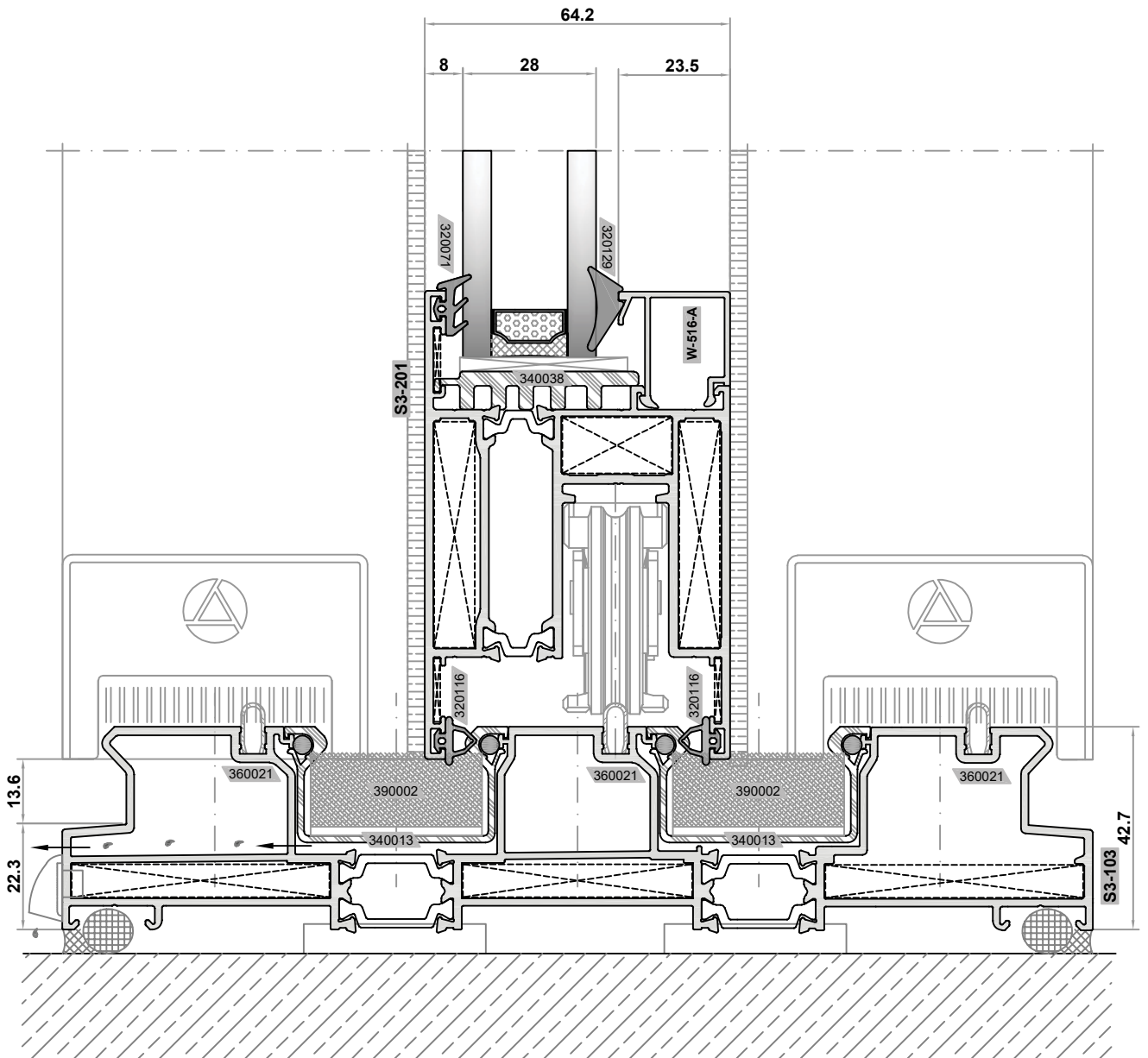
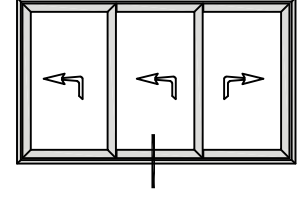
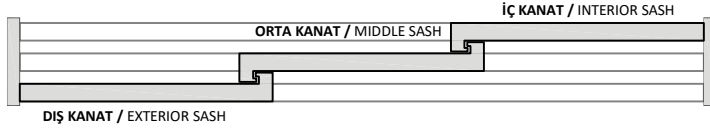
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THREE SASH INSULATED SLIDING DOOR DETAIL



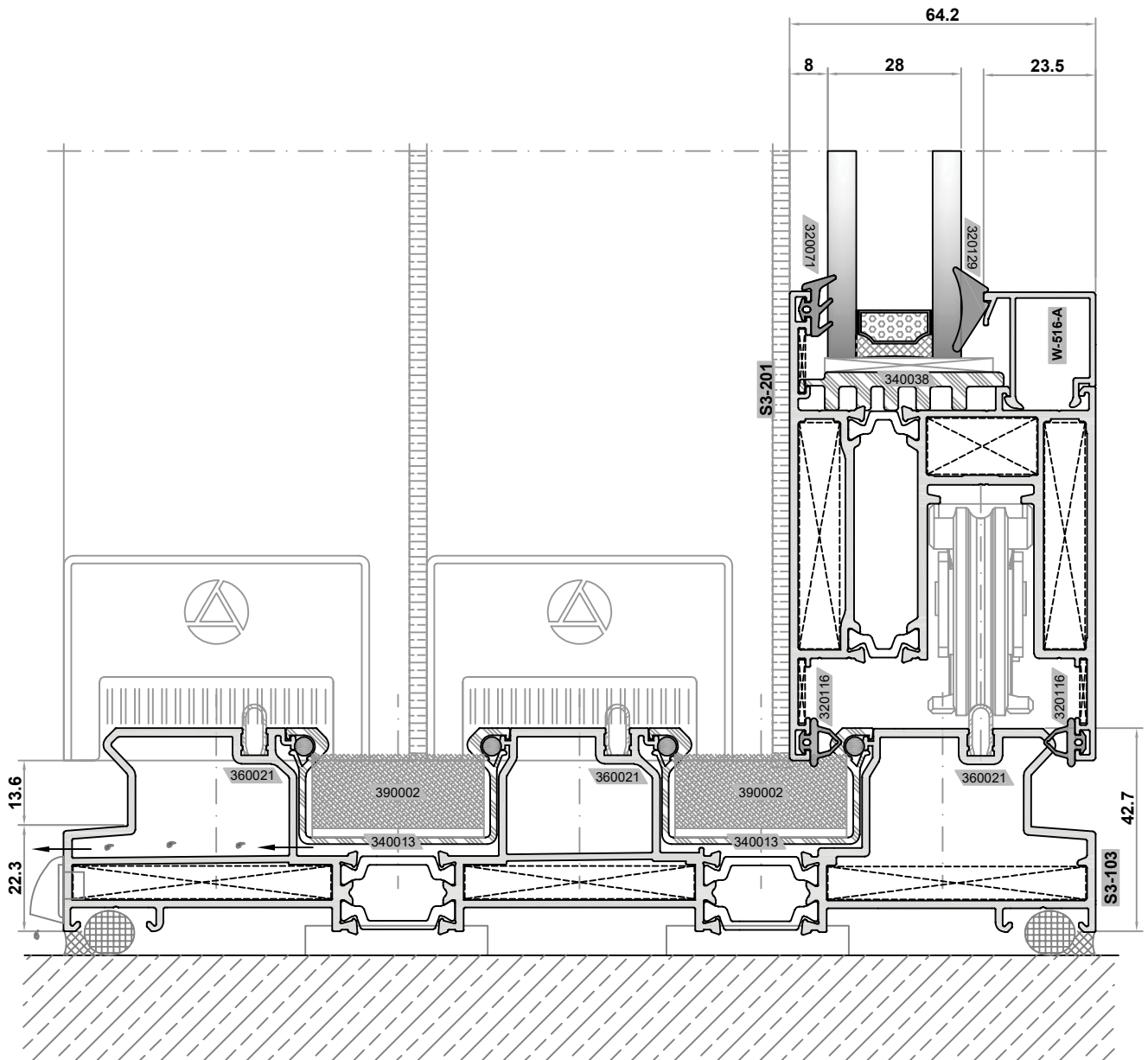
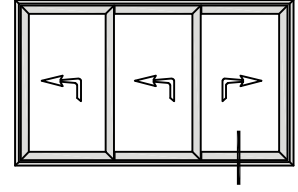
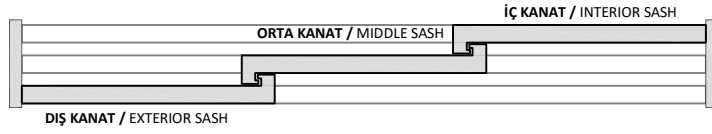
ÜÇ KANATLI YALITIMLI SÜRME KAPI DETAYI
THREE SASH INSULATED SLIDING DOOR DETAIL



ÜÇ KANATLI YALITIMLI SÜRME KAPI DETAYI
THREE SASH INSULATED SLIDING DOOR DETAIL

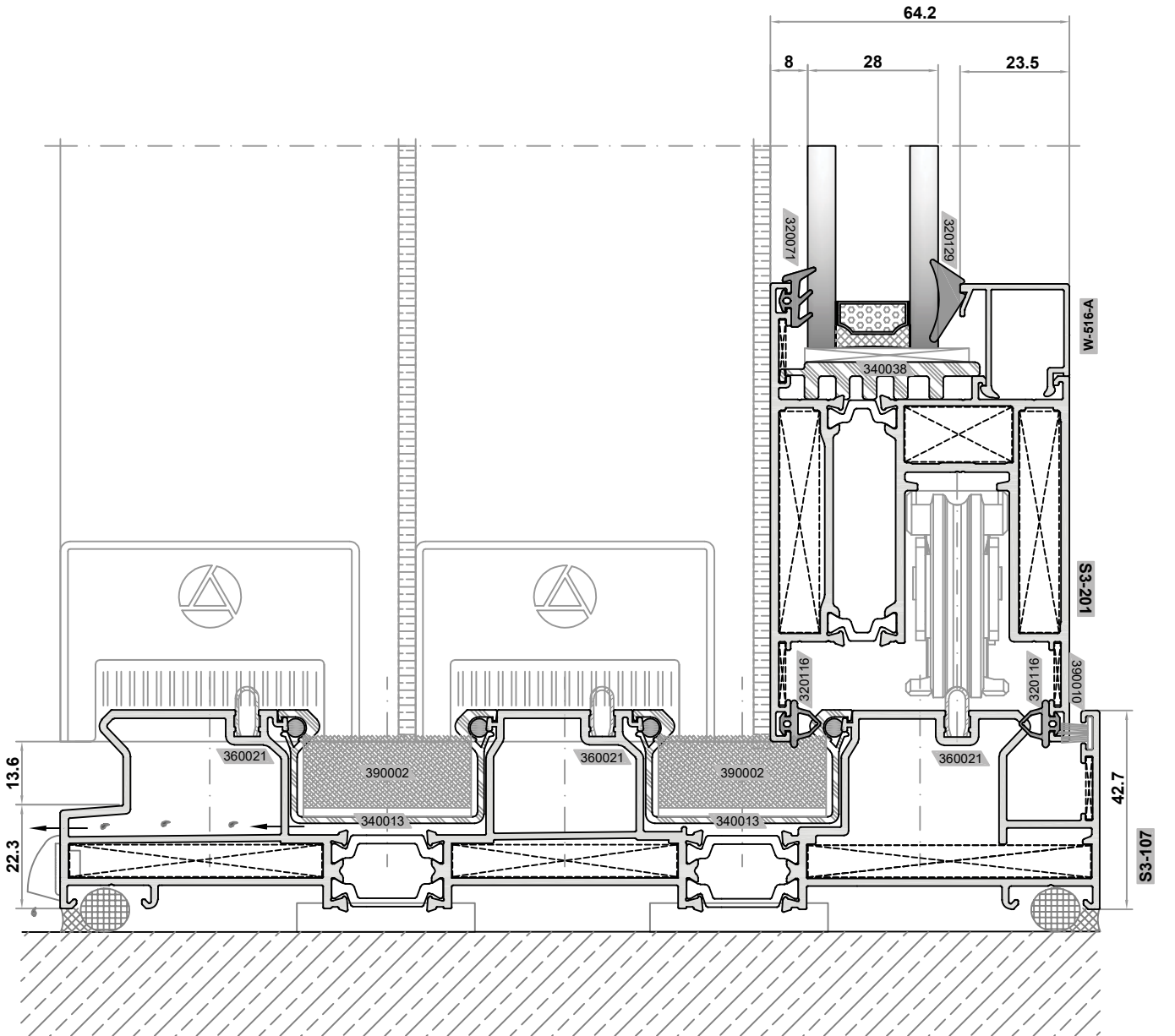
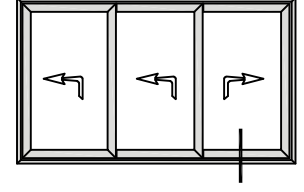
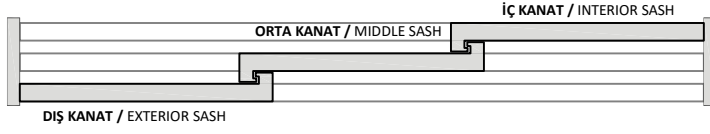


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THREE SASH INSULATED SLIDING DOOR DETAIL

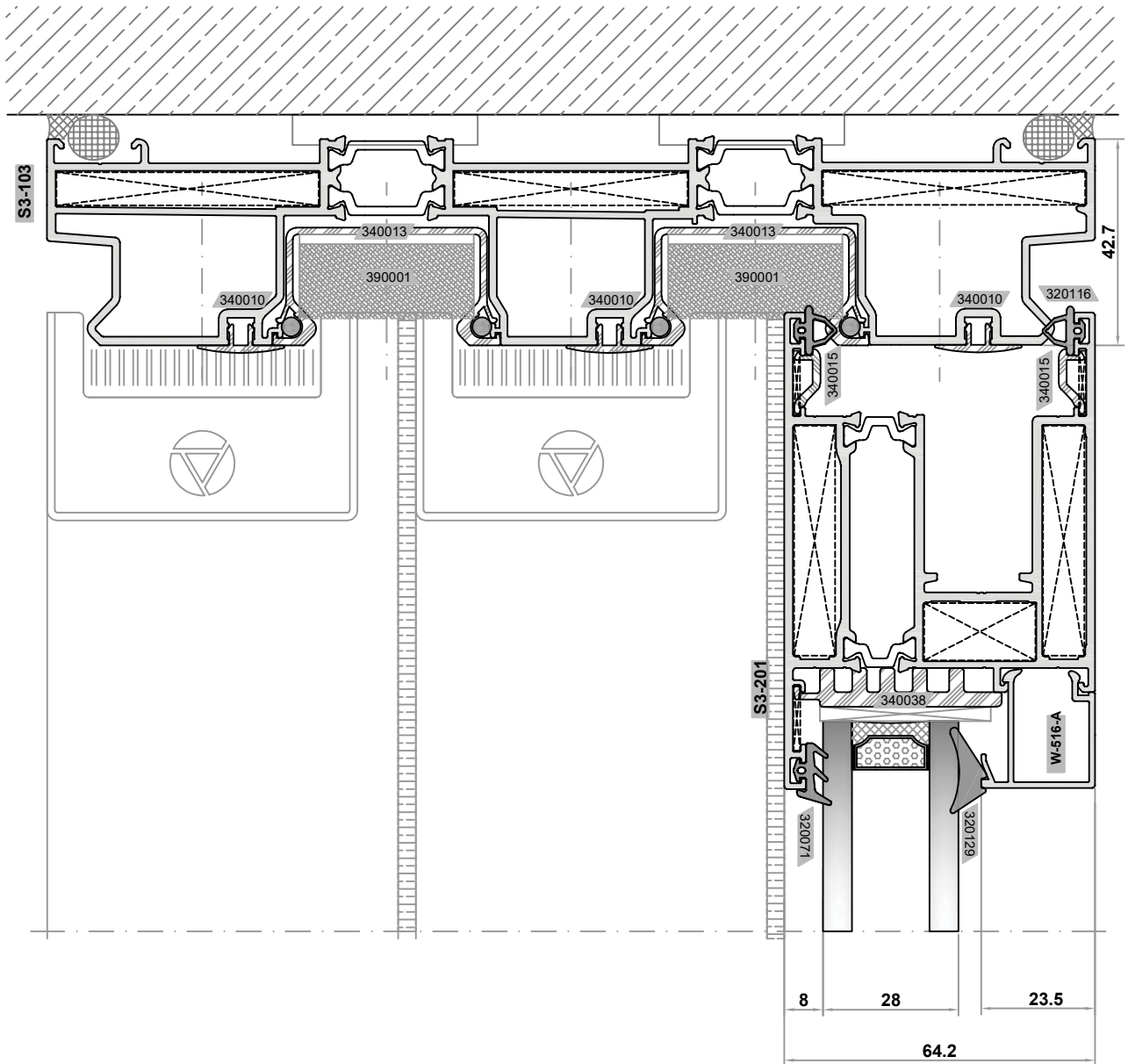
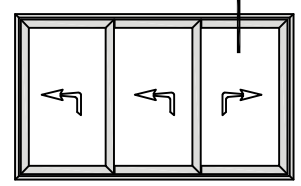
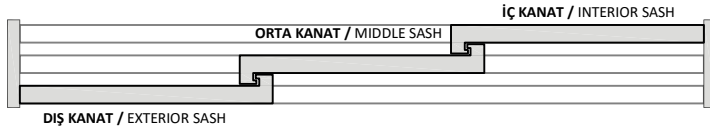


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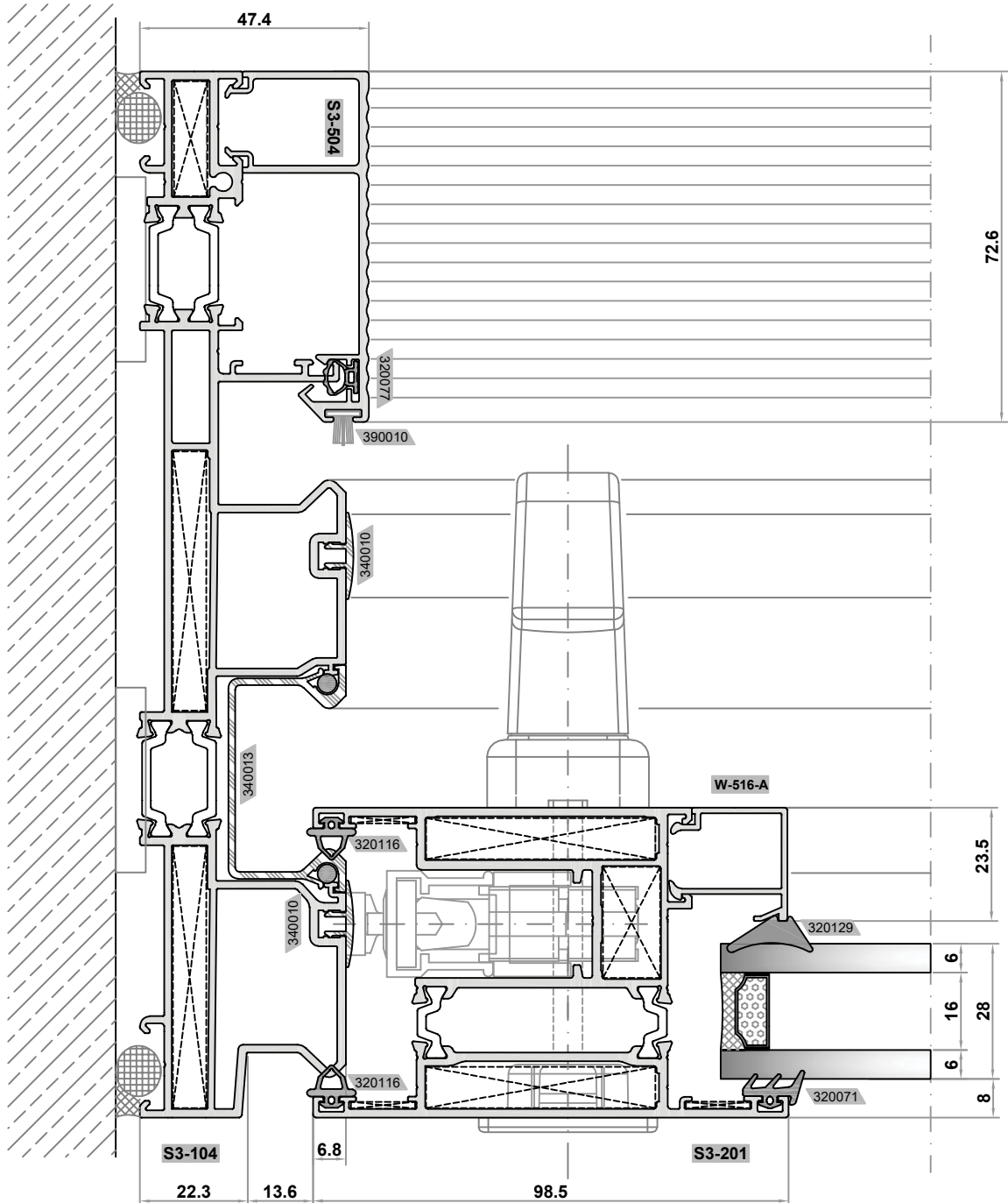
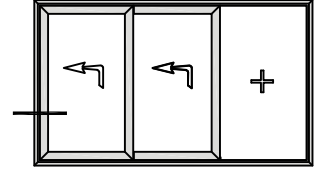
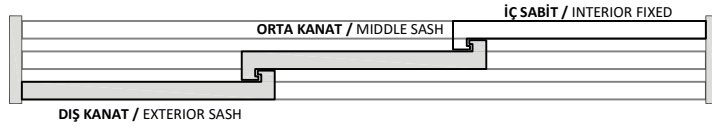
THREE SASH INSULATED SLIDING DOOR DETAIL



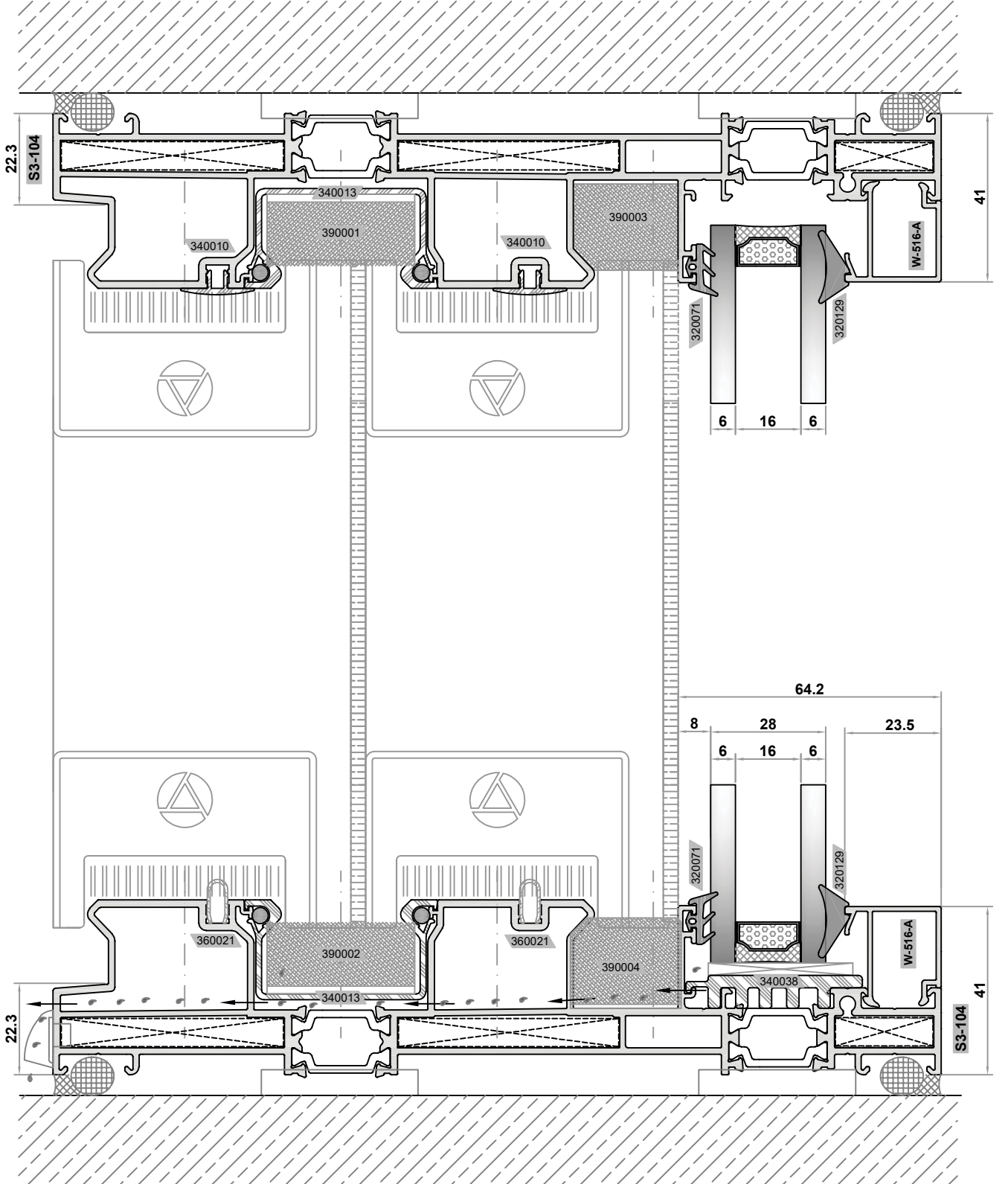
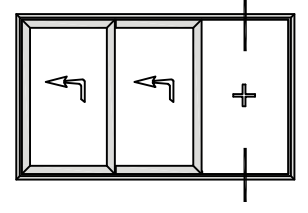
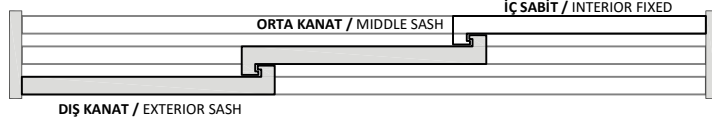
ÜÇ KANATLI YALITIMLI SÜRME KAPI DETAYI
THREE SASH INSULATED SLIDING DOOR DETAIL



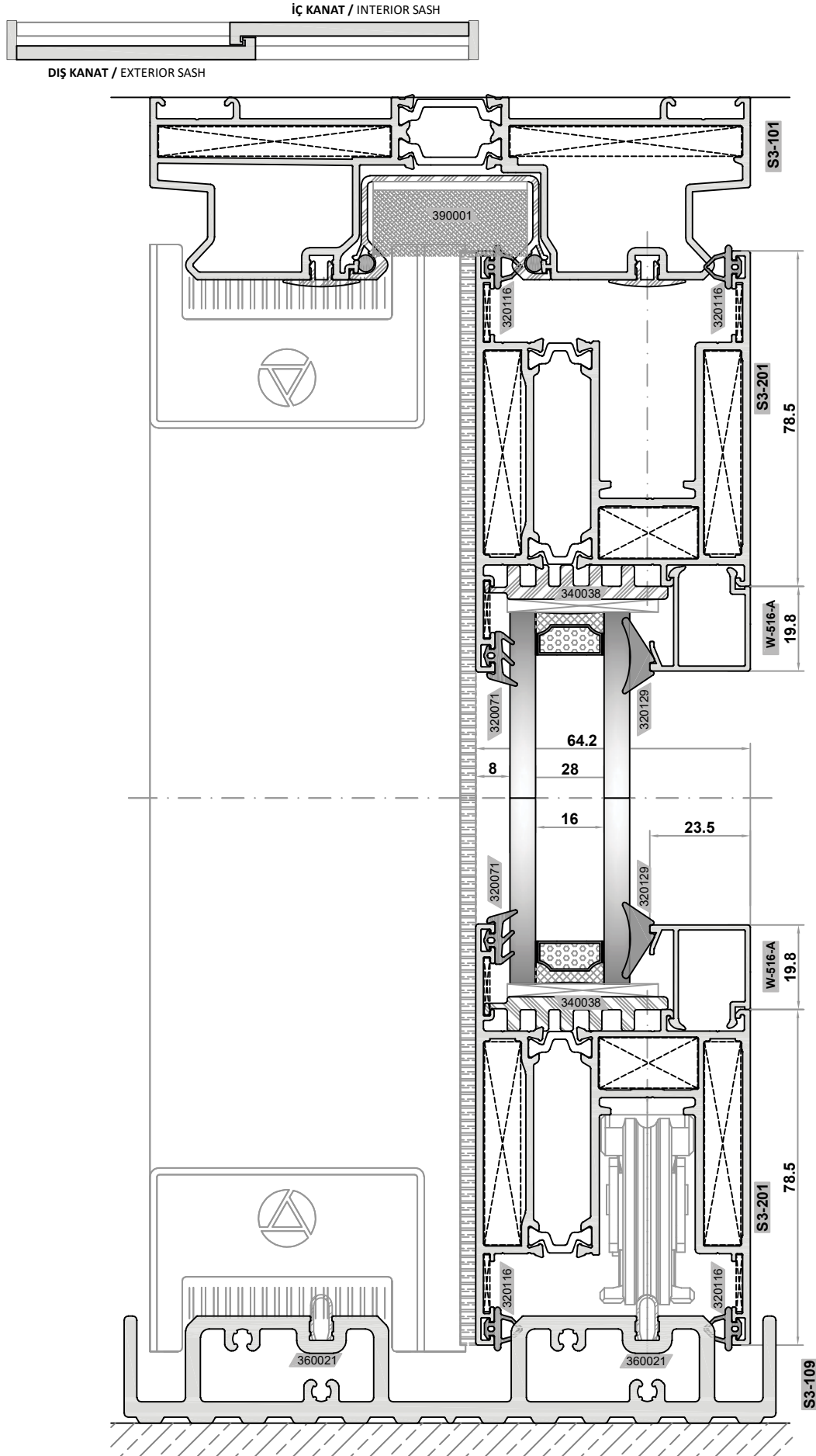
ÇİFT KANATLI TEK TARAFI SABİT YALITIMLI SÜRME KAPI DETAYI
DOUBLE SASH ONE SIDE FIXED INSULATED SLIDING DOOR DETAIL



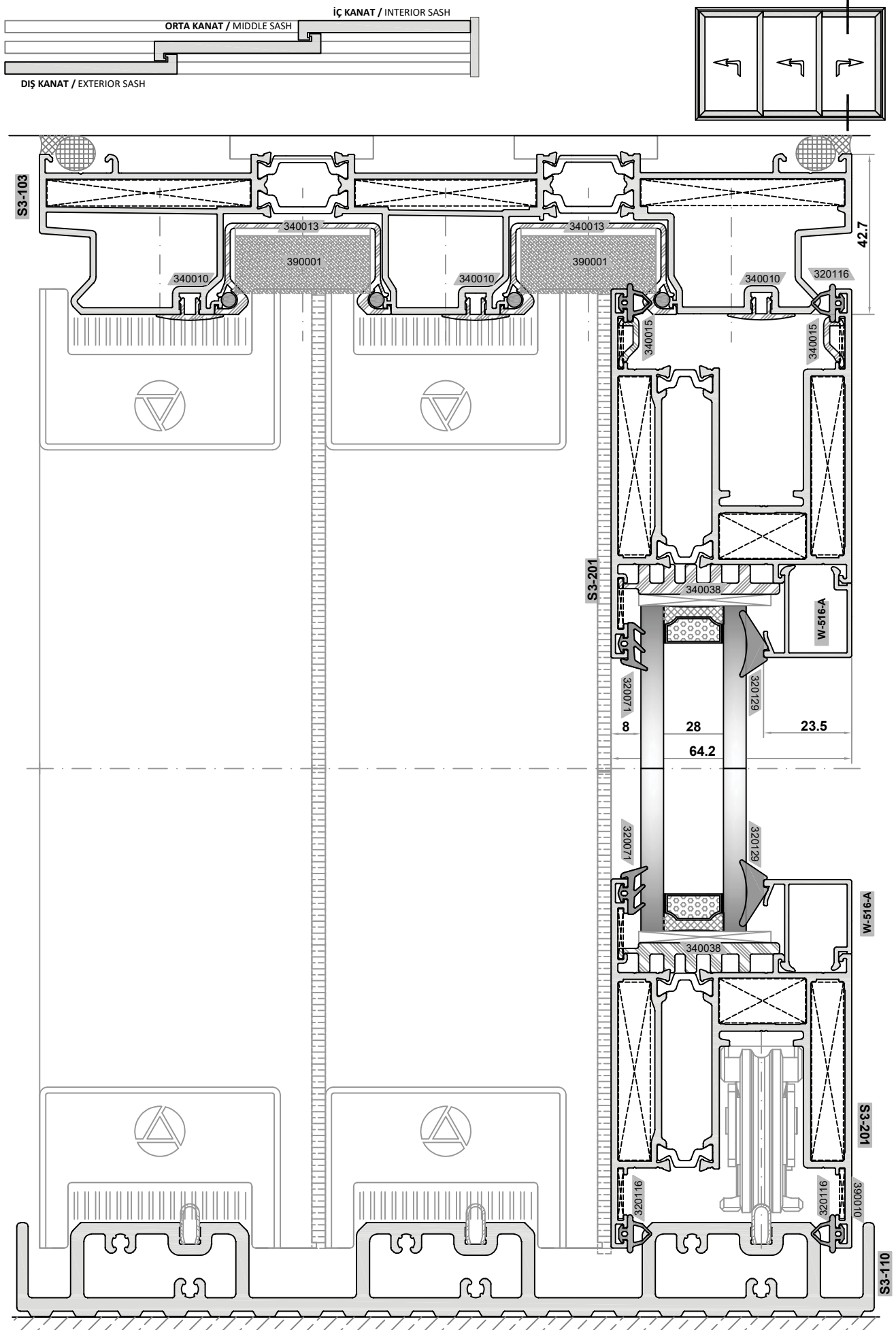
ÇİFT KANATLI TEK TARAFI SABİT YALITIMLI SÜRME KAPI DETAYI
DOUBLE SASH ONE SIDE FIXED INSULATED SLIDING DOOR DETAIL



ÇİFT KANATLI YALITIMLI SÜRME KAPI DETAYI
DOUBLE SASH INSULATED SLIDING DOOR DETAIL



▲ S65 - LIFT&SLIDE

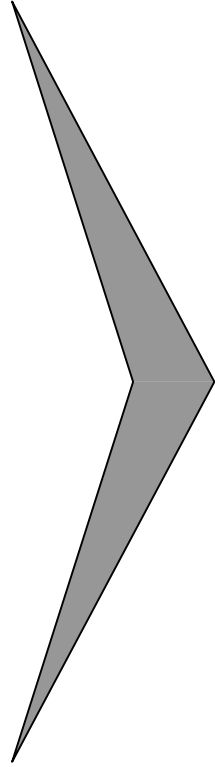


Katalogdaki profil ağırlıkları teoriktir. Teslimat öncesi ölçülen değerler geçerlidir.
Profile weights at the catalogue are theoretical, pre-shipment values will be valid.

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ACCESSORY INDEX



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ÜRÜN KODU PRODUCT CODE	ÜRÜN ADI PRODUCT NAME	SAYFA NO PAGE NO
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320071	DIŞ CAM FİTİLİ 8 mm / OUTER GLAZING GASKET 8 mm	89
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320116	HBSHB SÜRME KANAT FİTİLİ 9 X10.3 / HBSB SLIDING WING FIT 9 X10.3	89
320117	HBSB SÜRME EŞİK PROFİLİ DIŞ FİTİL / HBSB SLIDING THRESHOLD PROFILE OUTER FITTING	89
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320129	KAMA İÇ CAM FİTİLİ 4,5 mm / INNER GLAZING GASKET 4,5 mm	88
320130	KAMA İÇ CAM FİTİLİ 5,5 mm / INNER GLAZING GASKET 5,5 mm	88
320131	KAMA İÇ CAM FİTİLİ 6,5 mm / INNER GLAZING GASKET 6,5 mm	88
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320133	KAMA İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING GASKET 8,5 mm	88
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320136	HEMYÜZ İÇ CAM FİTİLİ 5,5 mm / INNER GLAZING HIDDEN GASKET 5,5 mm	88
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320139	HEMYÜZ İÇ CAM FİTİLİ 8,5 mm / INNER GLAZING HIDDEN GASKET 8,5 mm	89
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390032	TEK RAYLI KASA İÇİN ÜST HAVA KESİCİ YUMUŞAK SÜNGER-2 / TOP AIR BREAKER SOFT FOAM FOR SINGLE RAIL FRAME-2	90
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[illegible]

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3. HAVA KESİCİLER / AIR BREAKERS
4. PVC PROFİLLER / PVC PROFILES
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8. KİLİTLEME PARÇALARI / LOCKING PARTS
9. ÇEŞİTLİ AKSESUARLAR / DIFFERENT ACCESSORIES

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		

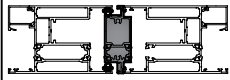
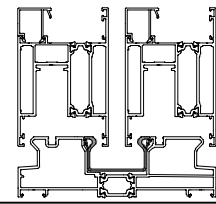
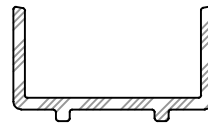
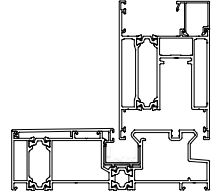
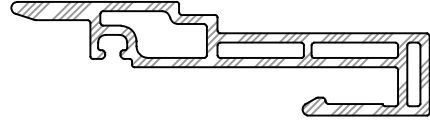
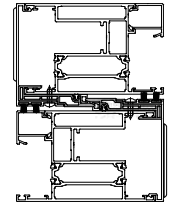
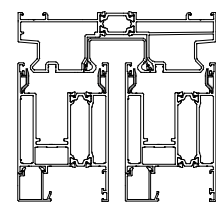
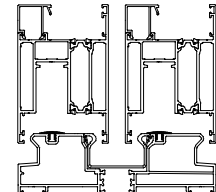
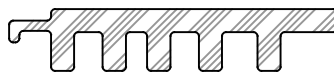
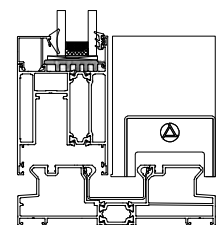
EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / 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		
320116 HBSHB SÜRME KANAT FİTİLİ 9 X10.3 / HBSB SLIDING WING FIT 9 X10.3 BİRİM AĞIRLIK / UNIT WEIGHT: 40 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 373 m		
320081 HBSHB SÜRME KENET FİTİLİ 6X10.3 / HBSB SLIDING BRACKET 6X10.3 BİRİM AĞIRLIK / UNIT WEIGHT: 39 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 385 m		
320080 HBSHB SÜRME HAVUZ PVC PROFİL ADAPTOR FİTİLİ ÇAP:4 / SLIDING POOL PVC PROFILE ADAPTOR WICK DIAMETER:4 BİRİM AĞIRLIK / UNIT WEIGHT: 10 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 750m		
320077 SÜRME KANAT FİTİLİ TPV SLIDING WING FIT TPV BİRİM AĞIRLIK / UNIT WEIGHT: 27 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 561 m		
320117 HBSHB SÜRME EŞİK PROFİLİ DİŞ FİTİL HBSHB SLIDING THRESHOLD PROFILE OUTER FITTING BİRİM AĞIRLIK / UNIT WEIGHT: 64 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 235 m		

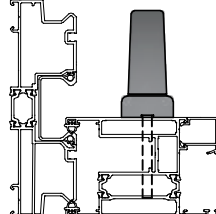
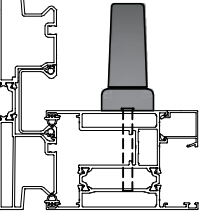
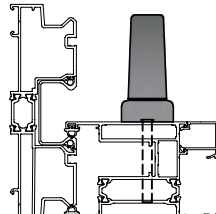
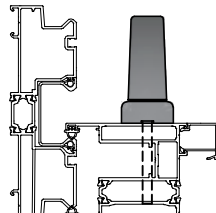
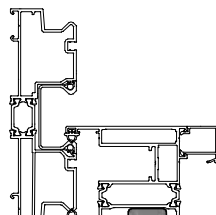
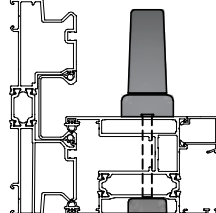
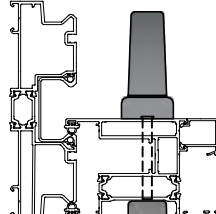
HAVA KESİCİLER / AIR BREAKERS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
320146 KENET VİDA KANALI KAPATMA FİTİLİ / CLAMP SCREW CHANNEL COVER GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 21 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 707 m		
390010 7 MM KİL FİTİL / 7 MM BRUSH GASKET BİRİM AĞIRLIK / UNIT WEIGHT: XX gr/m KOLİ MİKTARI / PACKAGE QUANTITY: XX m		
390001 İKİ RAYLI KASA İÇİN ÜST HAVA KESİCİ YUMUŞAK SÜNGER TOP AIR BREAKER SOFT FOAM FOR DOUBLE RAIL FRAME KOLİ MİKTARI / PACKAGE QUANTITY: XXX ADET		
390002 İKİ RAYLI KASA İÇİN ALT HAVA&SU KESİCİ SERT SÜNGER TOP AIR&WATER BREAKER ROUGH FOAM FOR DOUBLE RAIL F. KOLİ MİKTARI / PACKAGE QUANTITY: XXX ADET		
390003 TEK RAYLI KASA İÇİN ÜST HAVA KESİCİ YUMUŞAK SÜNGER-1 TOP AIR BREAKER SOFT FOAM FOR SINGLE RAIL FRAME-1 KOLİ MİKTARI / PACKAGE QUANTITY: XXX ADET		
390004 TEK RAYLI KASA İÇİN ALT HAVA&SU KESİCİ SERT SÜNGER-1 TOP AIR&WATER BREAKER ROUGH FOAM FOR SINGLE RAIL F.-1 KOLİ MİKTARI / PACKAGE QUANTITY: XXX ADET		
390031 TEK RAYLI KASA İÇİN ALT HAVA&SU KESİCİ SERT SÜNGER-2 TOP AIR&WATER BREAKER ROUGH FOAM FOR SINGLE RAIL F.-2 KOLİ MİKTARI / PACKAGE QUANTITY: XXX ADET		
390032 TEK RAYLI KASA İÇİN ÜST HAVA KESİCİ YUMUŞAK SÜNGER-2 TOP AIR BREAKER SOFT FOAM FOR SINGLE RAIL FRAME-2 KOLİ MİKTARI / PACKAGE QUANTITY: XXX ADET		
380014 KENET PROFİLİ İÇİN ALT-ÜST TAPA TAKIMI TOP-BOTTOM PLUG KIT FOR CLAMP PROFILE KOLİ MİKTARI / PACKAGE QUANTITY: XXXX TAKIM		

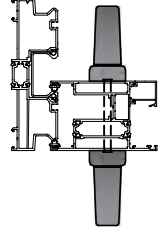
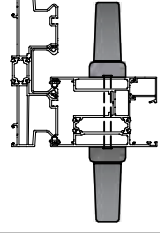
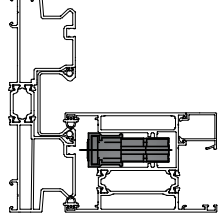
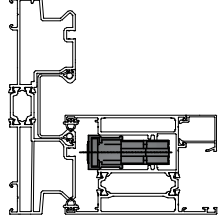
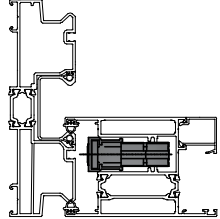
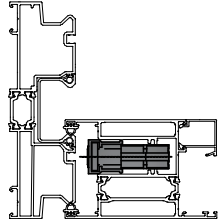
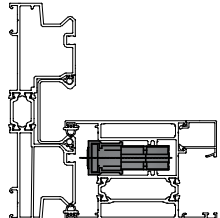
PVC PROFİLER / PVC PROFILES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
350021 ORTA BİRLEŞİM ADAPTÖR TAPA TAKIMI MIDDLE CONNECTION ADAPTOR PLUG KIT KOLİ MİKTARI / PACKAGE QUANTITY: XXXX ADET		
340013 MERKEZİ KANAL ISI YALITIM PLASTİĞİ 47.1X24.3 THERMAL INSULATION PLASTIC FOR CENTRAL CHANNEL MİKTARI / QUANTITY: BOY 6 m /ADET		
340017 MERKEZİ KANAL ISI YALITIM PLASTİĞİ 25.8X14.8 THERMAL INSULATION PLASTIC FOR CENTRAL CHANNEL MİKTARI / QUANTITY: BOY 6 m /ADET		
340014 KENET ISI YALITIM PLASTİĞİ 54.2X14.8 THERMAL INSU. PLASTIC FOR CLAMP 54.2X14.8 MİKTARI / QUANTITY: BOY 6 m /ADET		
340015 KANAT HİZALAMA PROFİLİ 16.9X5.4 ALIGNMENT PROFILE FOR SASH 16.9X5.4 MİKTARI / QUANTITY: BOY 6 m /ADET		
340010 RAY KANALI KAPATMA PROFİLİ 17.5X5 RAIL CHANNEL COVER PROFILE 17.5X5 MİKTARI / QUANTITY: BOY 6 m /ADET		
340038 CAM ALTI DESTEK TAKOZU 43X8 MM GLASS SUPPORT PIECE 43X8 MM MİKTARI / QUANTITY: BOY 100 mm /ADET		

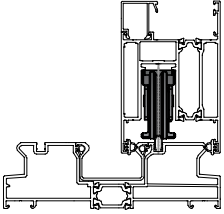
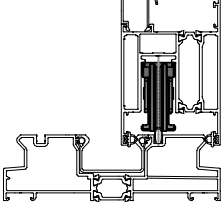
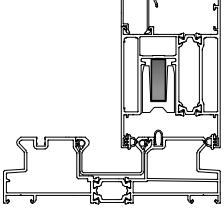
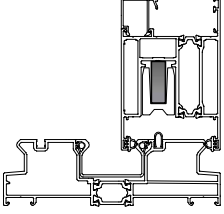
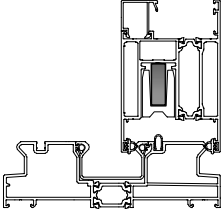
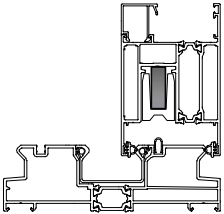
KOLLAR / HANDLES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
470132 (370132) KALDIR&SÜR BÜYÜK İÇ KOL (BAREL DELİKSİZ) LIFT&SLIDE BIG INSIDE HANDLE WITHOUT CYLINDER HOLE MİKTARI / QUANTITY: /ADET		
470133 (370133) KALDIR&SÜR BÜYÜK İÇ KOL (BAREL DELİKLİ) LIFT&SLIDE BIG INSIDE HANDLE WITH CYLINDER HOLE MİKTARI / QUANTITY: /ADET		
470134 (370134) KALDIR&SÜR BÜYÜK DIŞ KOL (BAREL DELİKSİZ) LIFT&SLIDE BIG OUTSIDE HANDLE WITHOUT CYLINDER HOLE MİKTARI / QUANTITY: /ADET		
470135 (370135) KALDIR&SÜR BÜYÜK DIŞ KOL (BAREL DELİKLİ) LIFT&SLIDE BIG OUTSIDE HANDLE WITH CYLINDER HOLE MİKTARI / QUANTITY: /ADET		
470136 (370136) KALDIR&SÜR HAVUZ TUTAMAK LIFT&SLIDE RECESSED PULLER MİKTARI / QUANTITY: /ADET		
470273 (370273) BAREL DELİKLİ KALDIR&SÜR KOL TAKIMI (KARE MAÇA, HAVUZ TUTAMAK, BÜYÜK DIŞ KOL) LIFT&SLIDE HANDLE KIT WITH CYLINDER HOLE (SQUARE ROD, RECESSED PULLER, BIG OUTSIDE HANDLE) MİKTARI / QUANTITY: /TAKIM		
470274 (370274) BAREL DELİKSİZ KALDIR&SÜR KOL TAKIMI (KARE MAÇA, HAVUZ TUTAMAK, BÜYÜK DIŞ KOL) LIFT&SLIDE HANDLE KIT WITHOUT CYLINDER HOLE (SQUARE ROD, RECESSED PULLER, BIG OUTSIDE HANDLE) MİKTARI / QUANTITY: /TAKIM		

İSPANYOLETLER / ESPAGNOLETES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
470275 (370275) KALDIR&SÜR KOL TAKIMI (BAREL DELİKLİ) LIFT&SLIDE HANDLE KIT WITH CYLINDER HOLE MİKTARI / QUANTITY: /TAKIM		
470276 (370276) KALDIR&SÜR KOL TAKIMI (BAREL DELİKSİZ) LIFT&SLIDE HANDLE KIT WITHOUT CYLINDER HOLE MİKTARI / QUANTITY: /TAKIM		
470120 (370120) KALDIR&SÜR 37.5 AKSLI İSPANYOLET (1. BOY) LIFT&SLIDE ESPAGNOLETTE WITH 37.5 AXIS (SIZE 1) MİKTARI / QUANTITY: /ADET		
470121 (370121) KALDIR&SÜR 37.5 AKSLI İSPANYOLET (2. BOY) LIFT&SLIDE ESPAGNOLETTE WITH 37.5 AXIS (SIZE 2) MİKTARI / QUANTITY: /ADET		
470122 (370122) KALDIR&SÜR 37.5 AKSLI İSPANYOLET (3. BOY) LIFT&SLIDE ESPAGNOLETTE WITH 37.5 AXIS (SIZE 3) MİKTARI / QUANTITY: /ADET		
470123 (370123) KALDIR&SÜR 37.5 AKSLI İSPANYOLET (4. BOY) LIFT&SLIDE ESPAGNOLETTE WITH 37.5 AXIS (SIZE 4) MİKTARI / QUANTITY: /ADET		
470124 (370124) KALDIR&SÜR 37.5 AKSLI İSPANYOLET (5. BOY) LIFT&SLIDE ESPAGNOLETTE WITH 37.5 AXIS (SIZE 5) MİKTARI / QUANTITY: /ADET		

TAŞIYICILAR VE BAĞLANTI ÇUBUKLARI / CARRIERS AND CONNECTION BARS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
470117 (370117) 300 KG KALDIR&SÜR RULMAN SETİ 300 KG LIFT&SLIDE CARRIER KIT MİKTARI / QUANTITY: /TAKIM		
470119 (370119) KALDIR&SÜR İLAVE RULMAN LIFT&SLIDE ADDITIONAL CARRIER MİKTARI / QUANTITY: /ADET		
470128 (370128) KALDIR&SÜR RULMAN BAĞLANTI ÇUBUĞU 1500 MM LIFT&SLIDE CARRIER CONNECTION BAR 1500 MM MİKTARI / QUANTITY: /ADET		
470129 (370129) KALDIR&SÜR RULMAN BAĞLANTI ÇUBUĞU 2000 MM LIFT&SLIDE CARRIER CONNECTION BAR 2000 MM MİKTARI / QUANTITY: /ADET		
470130 (370130) KALDIR&SÜR RULMAN BAĞLANTI ÇUBUĞU 2500 MM LIFT&SLIDE CARRIER CONNECTION BAR 2500 MM MİKTARI / QUANTITY: /ADET		
470131 (370131) KALDIR&SÜR RULMAN BAĞLANTI ÇUBUĞU 3200 MM LIFT&SLIDE CARRIER CONNECTION BAR 3200 MM MİKTARI / QUANTITY: /ADET		

KİLİTLEME PARÇALARI / LOCKING PARTS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
470127 (370127) KALDIR&SÜR İSPANYOLET PİMİ LIFT&SLIDE ESPAGNOLETTE PIN MİKTARI / QUANTITY: /ADET		
460072 (360072) KALDIR&SÜR MİKRO HAVALANDIRMALI PİM LIFT&SLIDE PIN WITH MICROVENTILATION MİKTARI / QUANTITY: /ADET		
460126 (360126) KALDIR&SÜR İSPANYOLET DESTEK PARÇASI LIFT&SLIDE ESPAGNOLETTE SUPPORT PIECE MİKTARI / QUANTITY: /ADET		
460125 (360125) KALDIR&SÜR RULMAN DESTEK PARÇASI LIFT&SLIDE CARRIER SUPPORT PIECE MİKTARI / QUANTITY: /ADET		
470137 (370137) KALDIR&SÜR KANAT STOPERİ LIFT&SLIDE SASH STOPPER MİKTARI / QUANTITY: /ADET		
470138 (370138) KALDIR&SÜR PASİF KANAT ALT GÜVENLİK KARŞILIĞI LIFT&SLIDE FRAME LOCK POINT FOR PASSIVE SASH MİKTARI / QUANTITY: /ADET		
450056 (350056) KALDIR&SÜR MİL YATAKLAMA PARÇASI LIFT&SLIDE ROD BEARING PIECE MİKTARI / QUANTITY: /ADET		

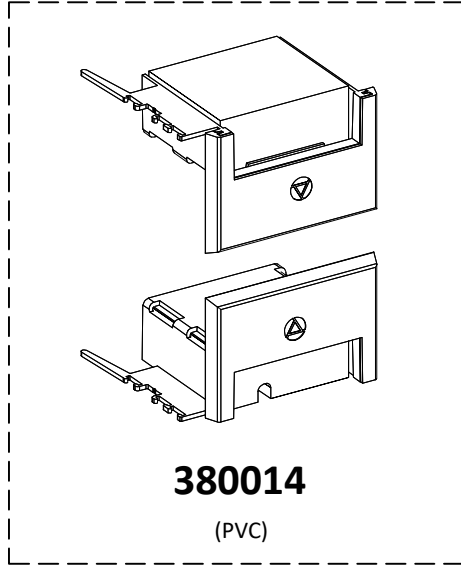
ÇEŞİTLİ AKSESUARLAR / DIFFERENT ACCESSORIES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
410501 (310501) KALDIR&SÜR KANAT SABİTLEME PARÇASI 100 MM LIFT&SLIDE SASH FIXING PIECE 100 MM MİKTARI / QUANTITY: /ADET		
470139 (370139) KALDIR&SÜR YARIM BAREL 31 + 10 LIFT&SLIDE HALF CYLINDER 31+10 MİKTARI / QUANTITY: /ADET		
470140 (370140) KALDIR&SÜR BAREL 31+10+55 (96) LIFT&SLIDE CYLINDER 31+10+55 (96) MİKTARI / QUANTITY: /ADET		
450057 (350057) HAVA KESİCİLİ TAHLİYE KAPAĞI / DRAINAGE CAP WITH AIR PREVENTER FLAP MİKTARI / QUANTITY: /ADET		
350022 TAHLİYE KAPAĞI / DRAINAGE CAP MİKTARI / QUANTITY: /ADET		
360021 ÇELİK RAY 10,8X5 STEEL RAIL 10,8X5 MİKTARI / QUANTITY: BOY 6 m /ADET		
320146 KENET VİDA KANALI KAPATMA FİTİLİ / CLAMP SCREW CHANNEL COVER GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 21 gr/m KOLİ MİKTARI / PACKAGE QUANTITY: 707 m		

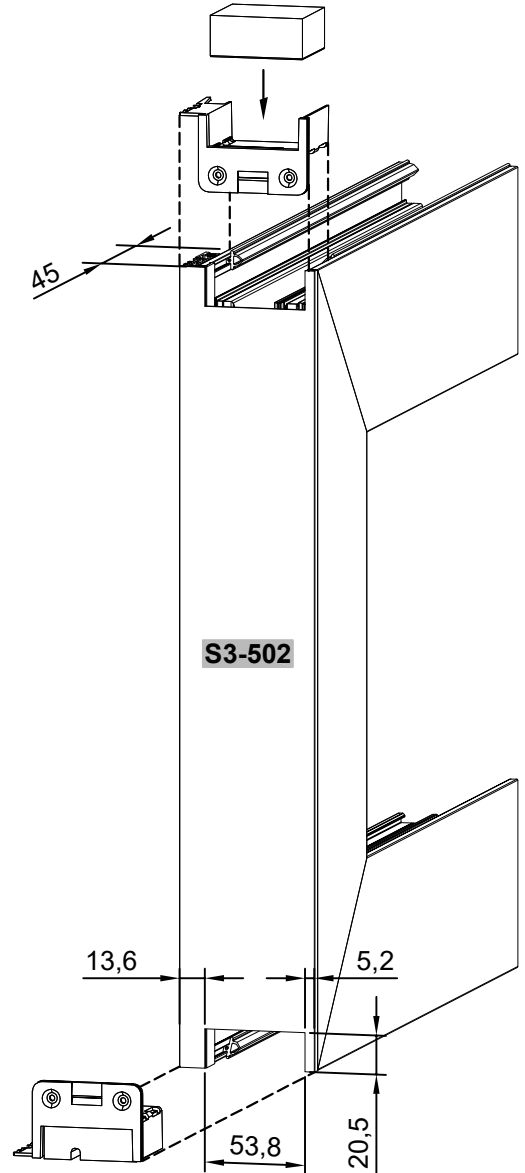
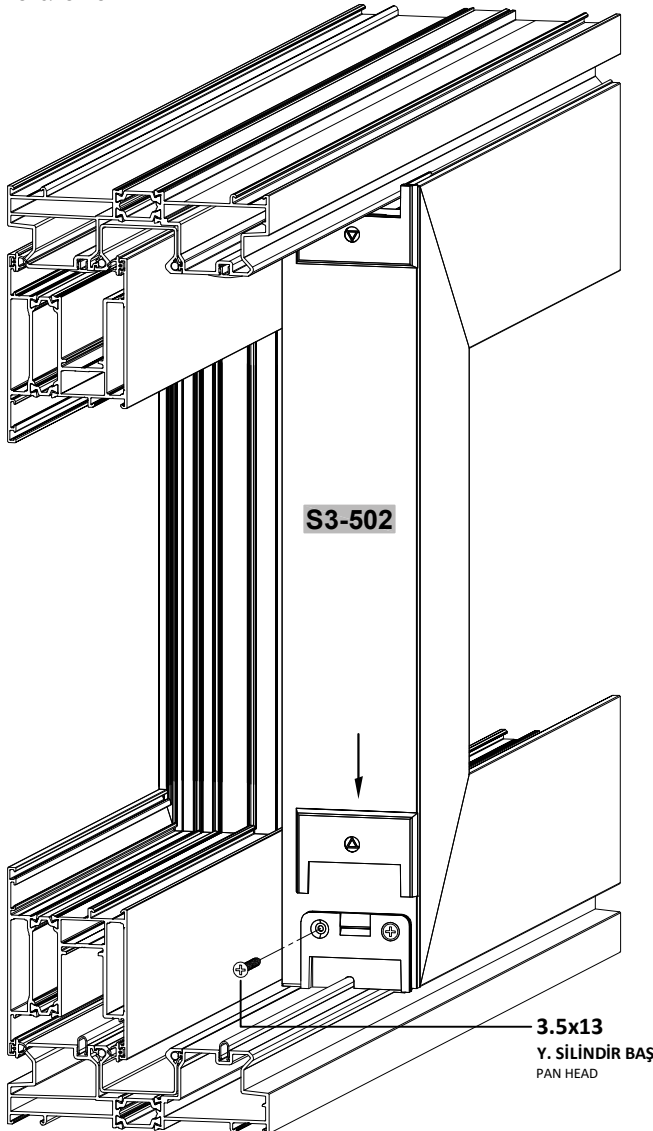
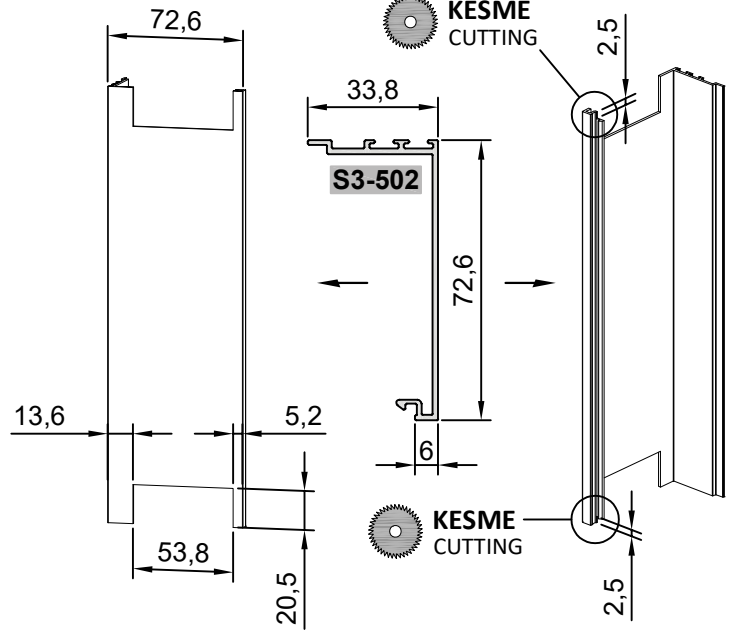
() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
 () CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

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

KENET TAPALARI CLAMP PLUGS

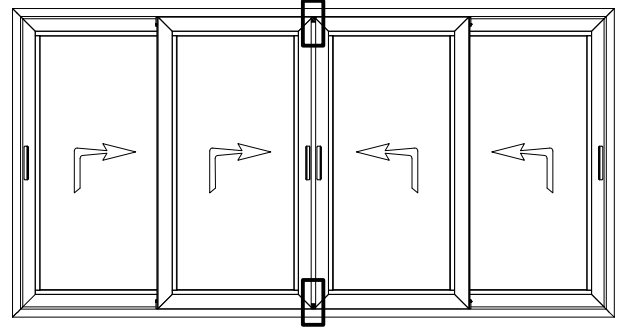
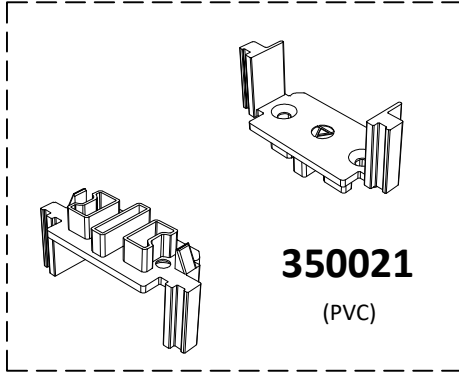


* ALT&ÜST TAKIMDIR.
TOP&BOTTOM KIT

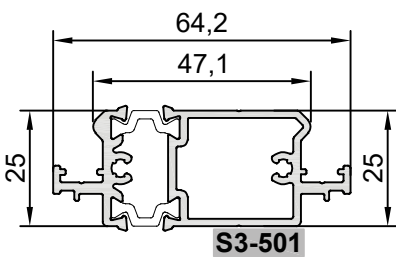
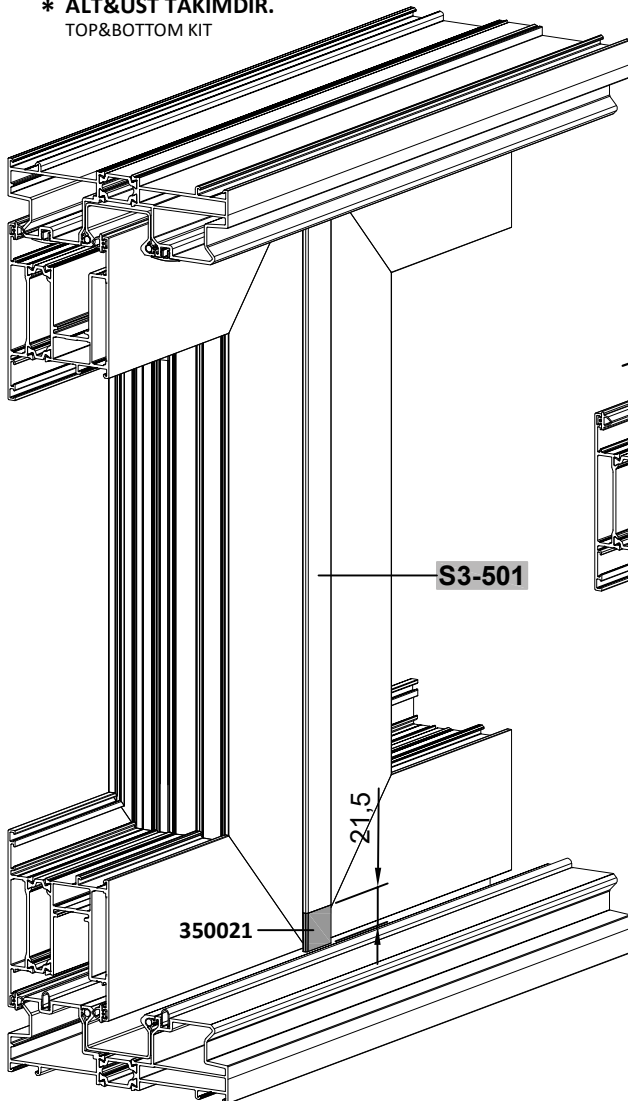


ORTA BİRLEŞİM ADAPTÖR TAPALARI

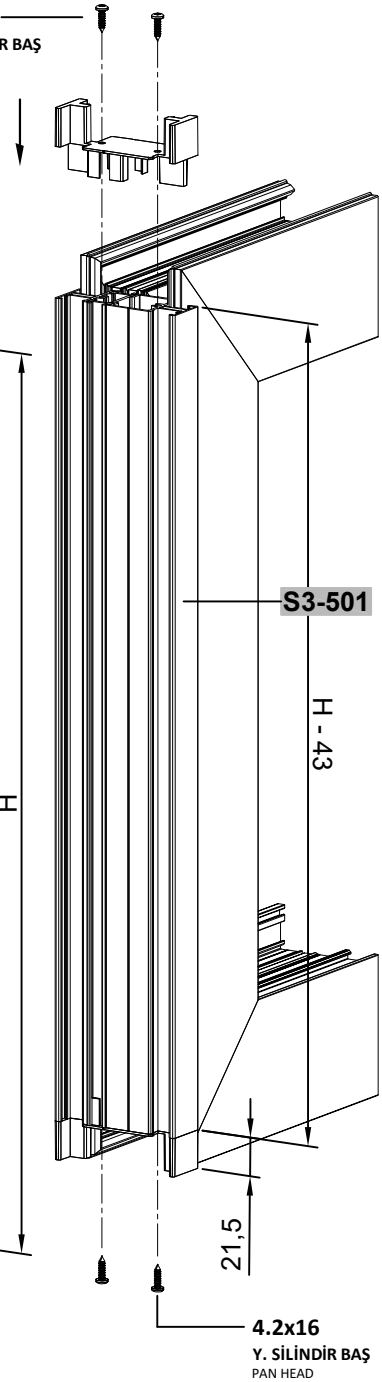
MIDDLE CONNECTION ADAPTER PLUGS



* ALT&ÜST TAKIMDIR.
TOP&BOTTOM KIT

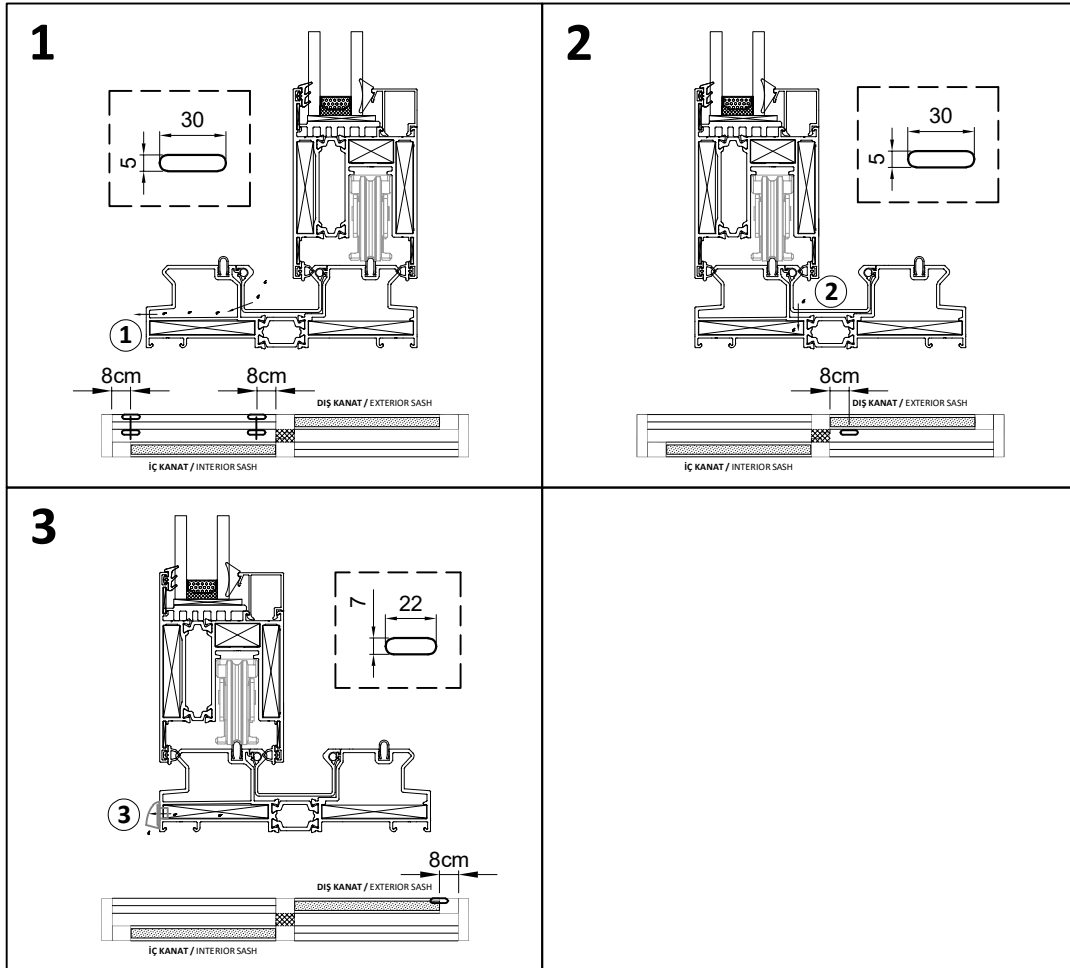
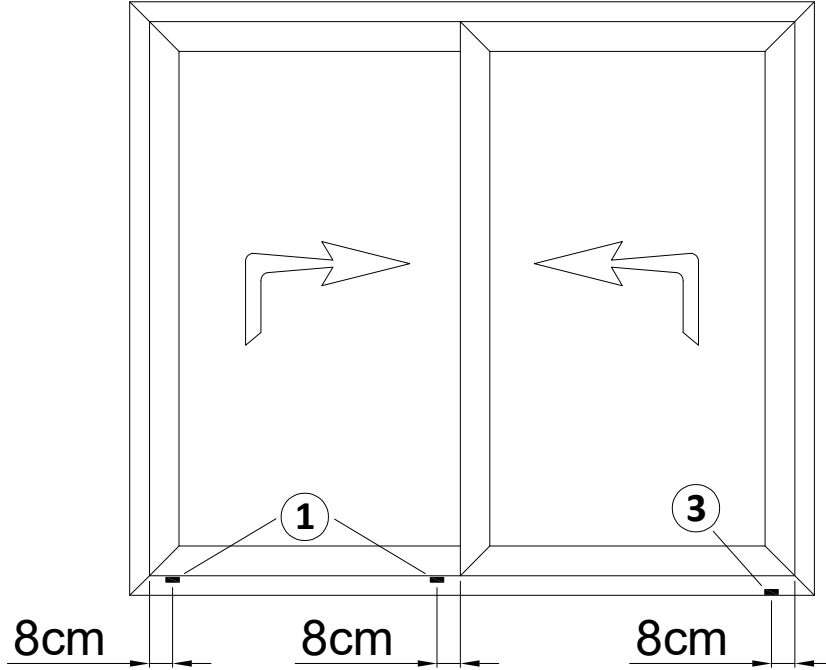


4.2x16
Y. SİLİNDİR BAŞ
PAN HEAD



TAHLİYE DETAYLARI - POZ 1 (ÇİFT RAYLI KASA)
DRAINAGE DETAILS - POSE 1 (FRAME WITH DOUBLE RAIL)

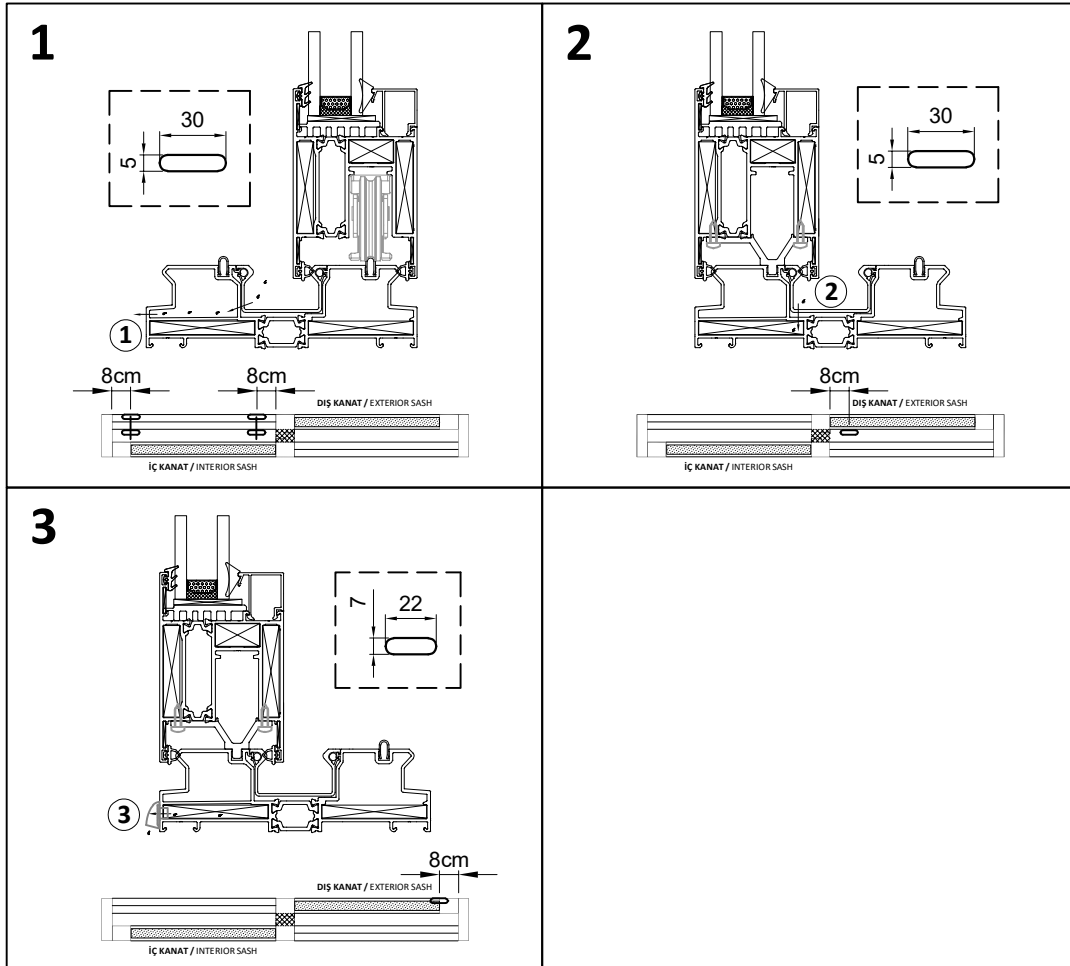
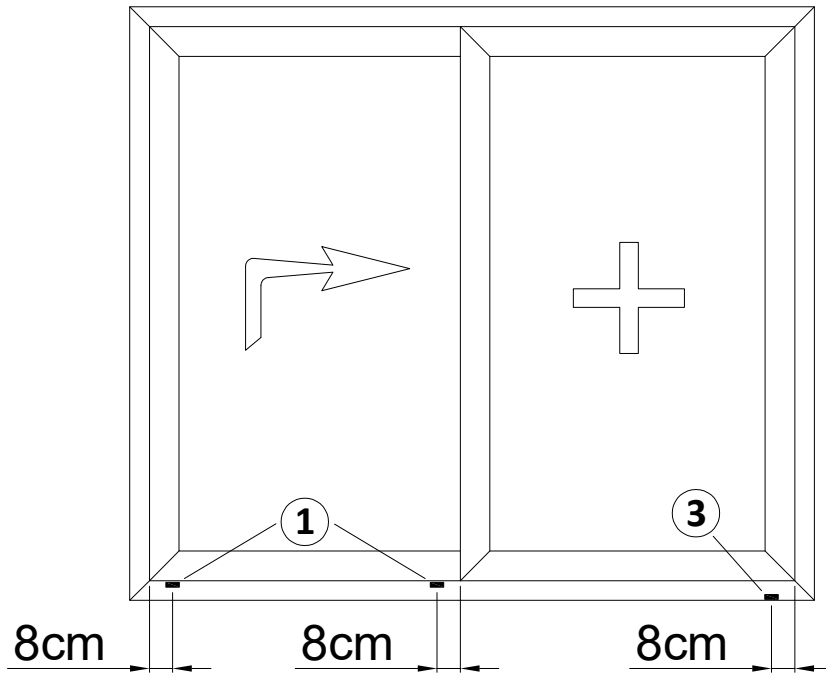
S3-101



TAHLİYE DETAYLARI - POZ 2 (ÇİFT RAYLI KASA)

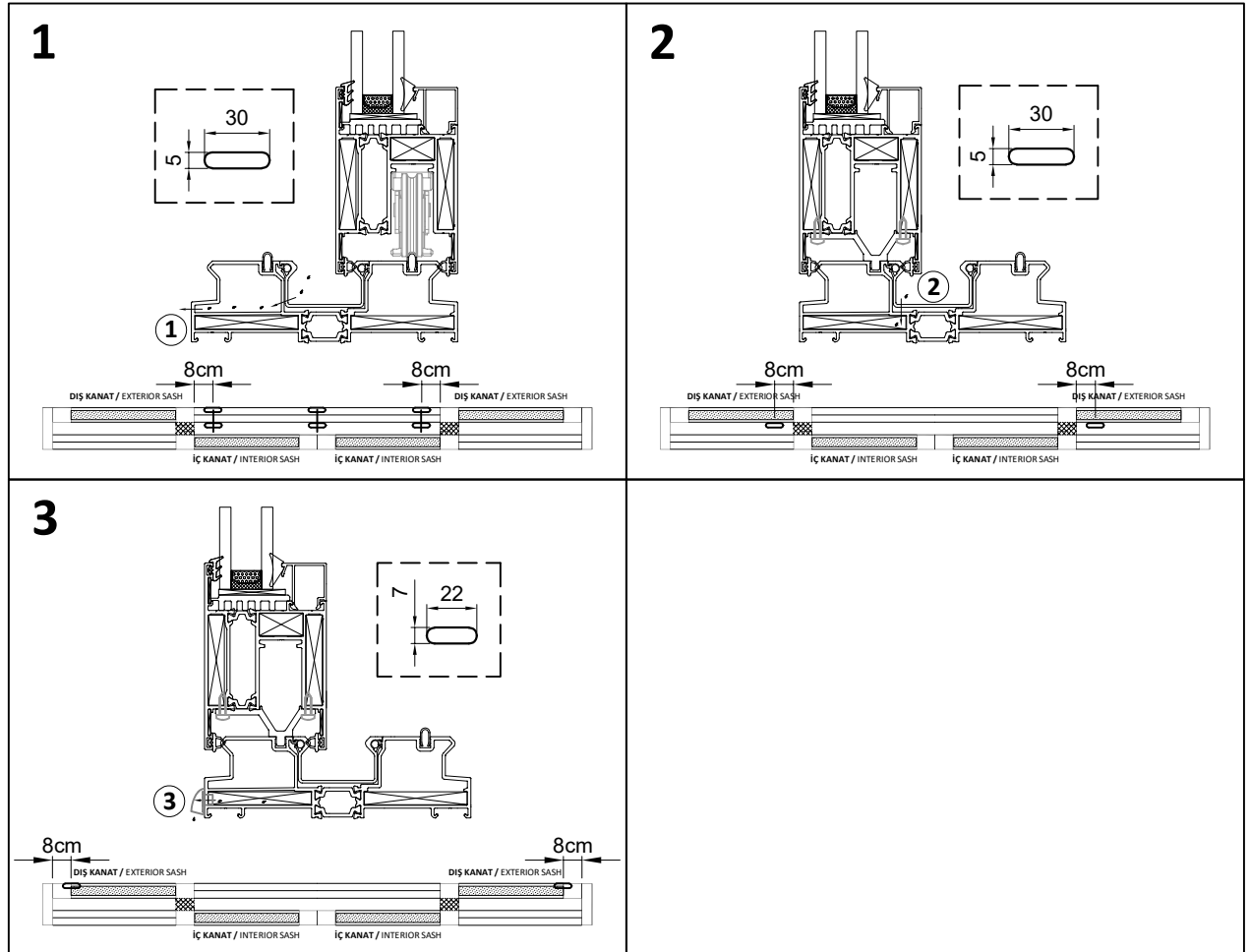
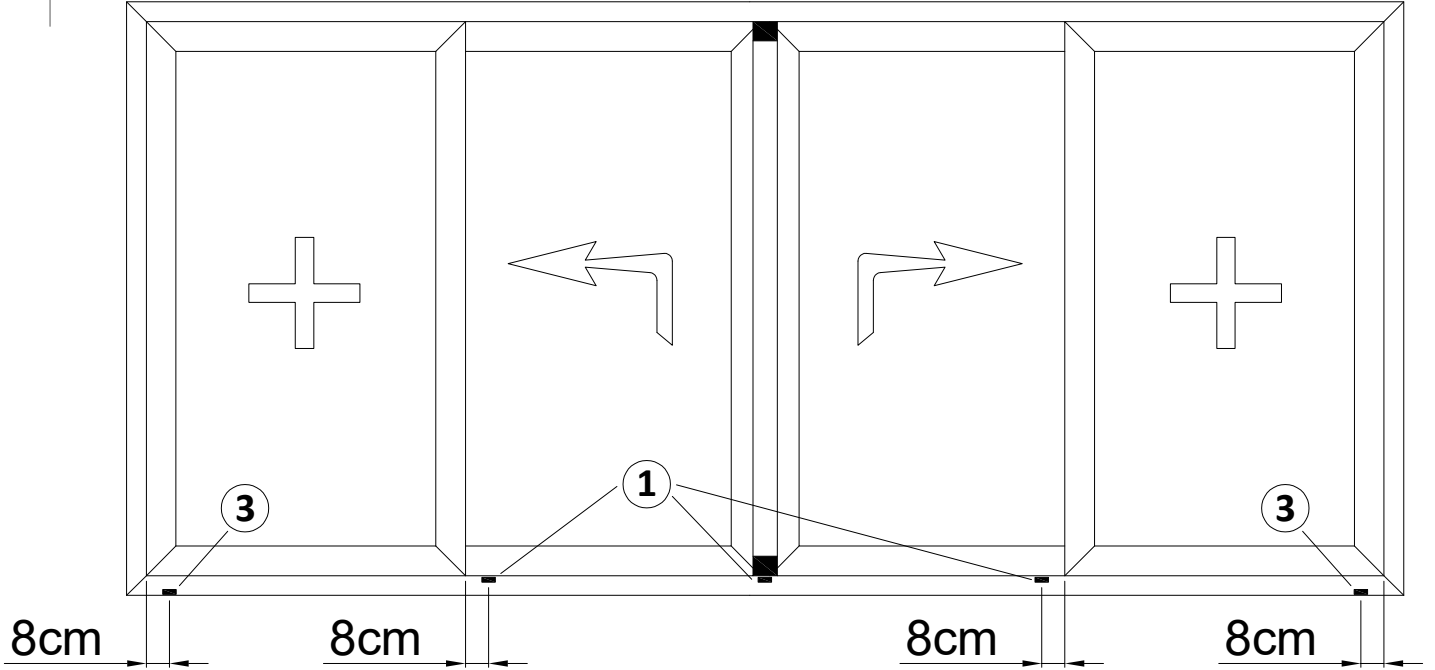
DRAINAGE DETAILS - POSE 2 (FRAME WITH DOUBLE RAIL)

S3-101



TAHLİYE DETAYLARI - POZ 3 (ÇİFT RAYLI KASA)
DRAINAGE DETAILS - POSE 3 (FRAME WITH DOUBLE RAIL)

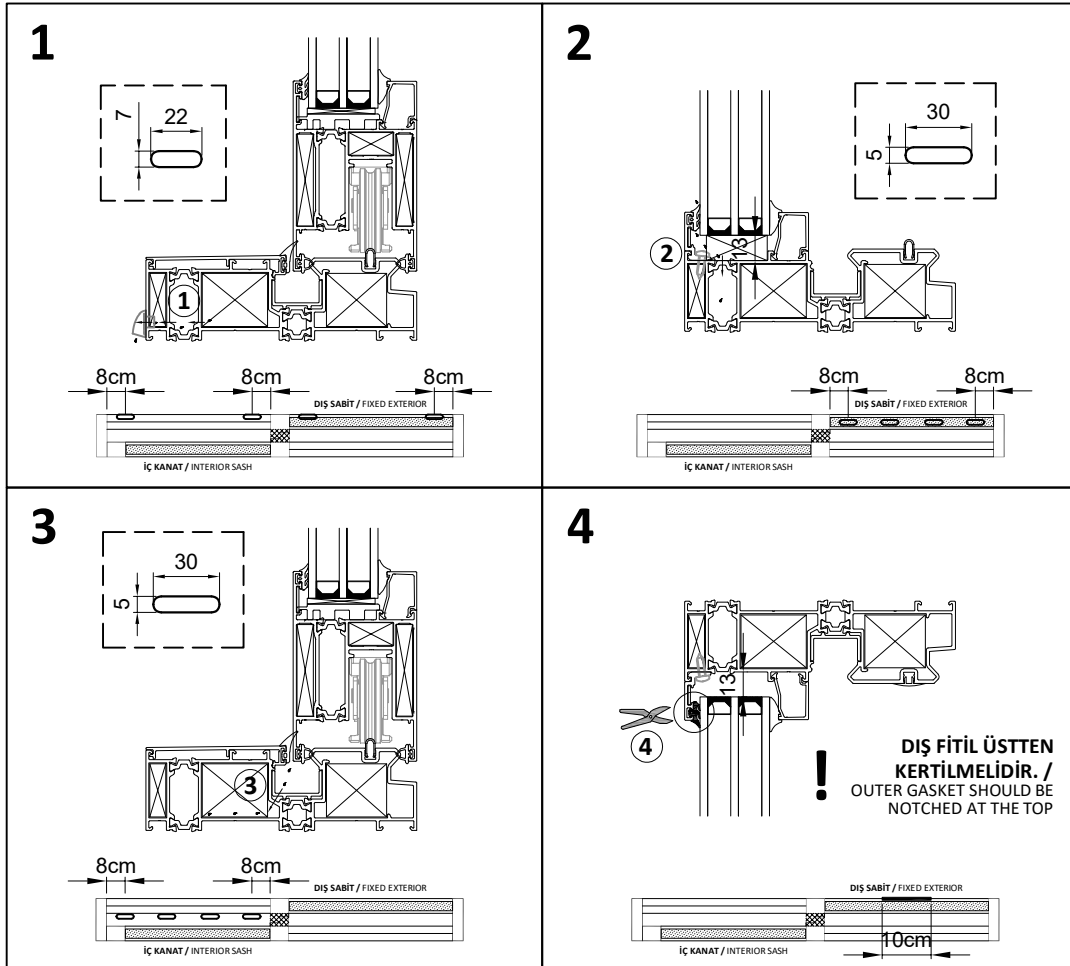
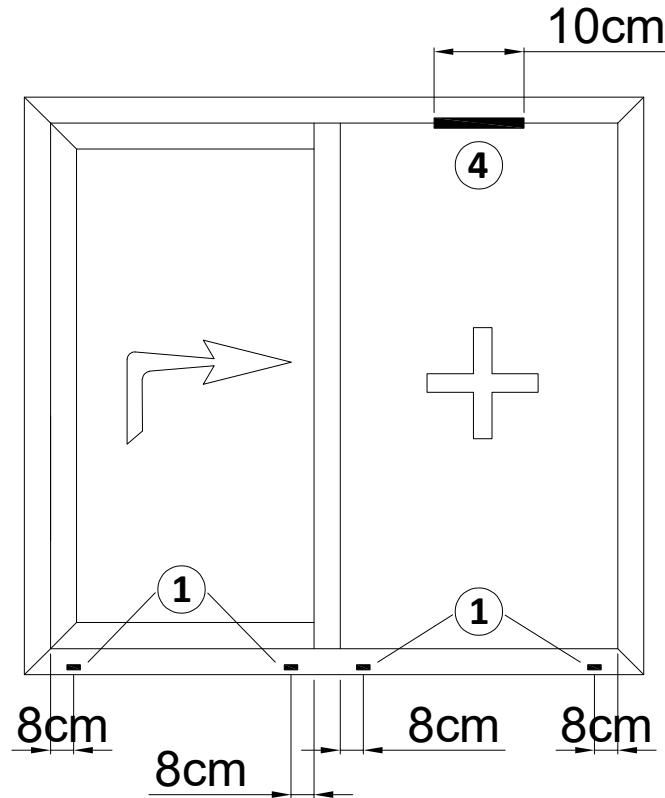
S3-101



TAHLİYE DETAYLARI - POZ 4 (TEK RAYLI SABİTLİ KASA-1)

DRAINAGE DETAILS - POSE 4 (FIXED FRAME WITH SINGLE RAIL-1)

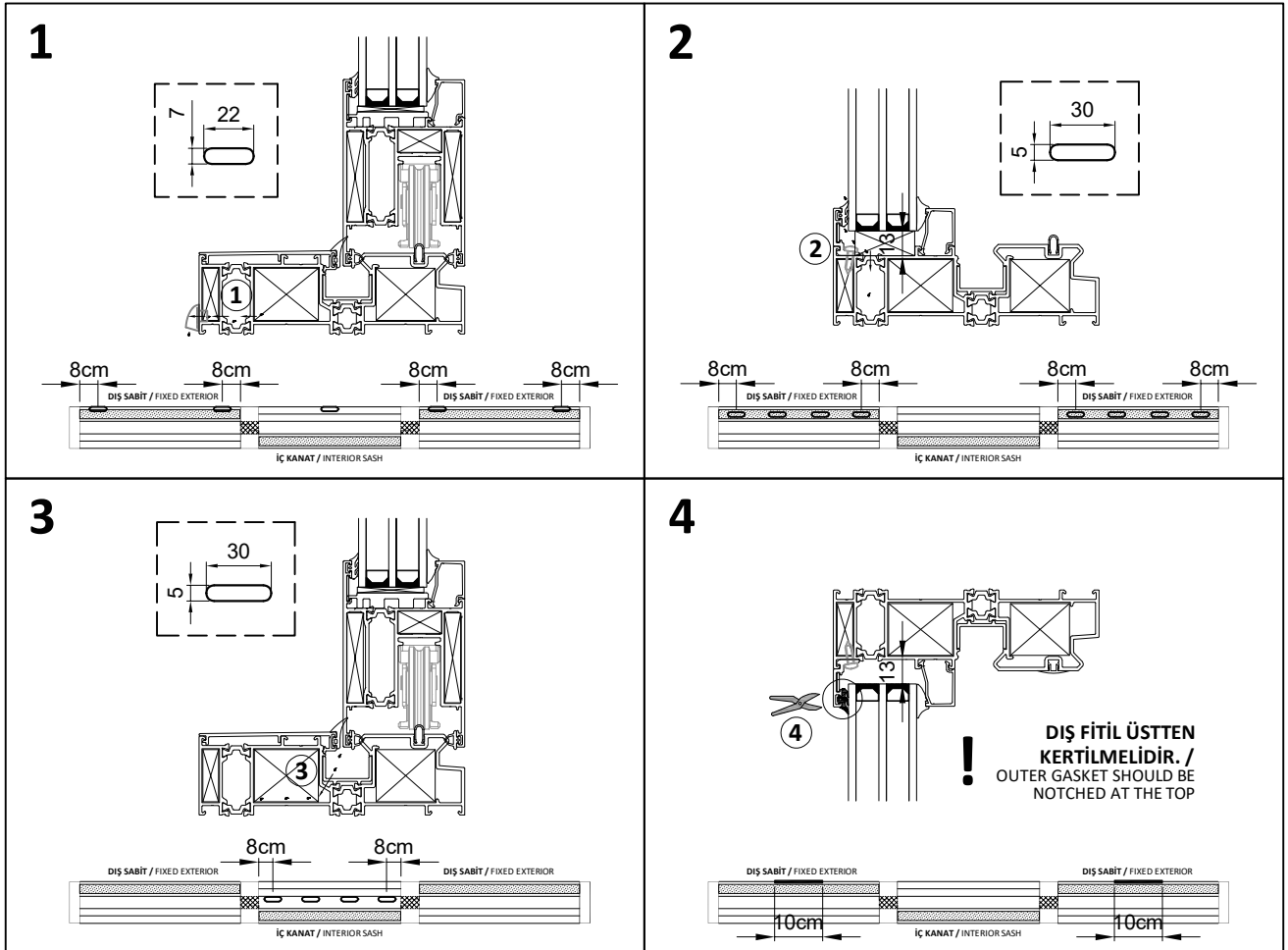
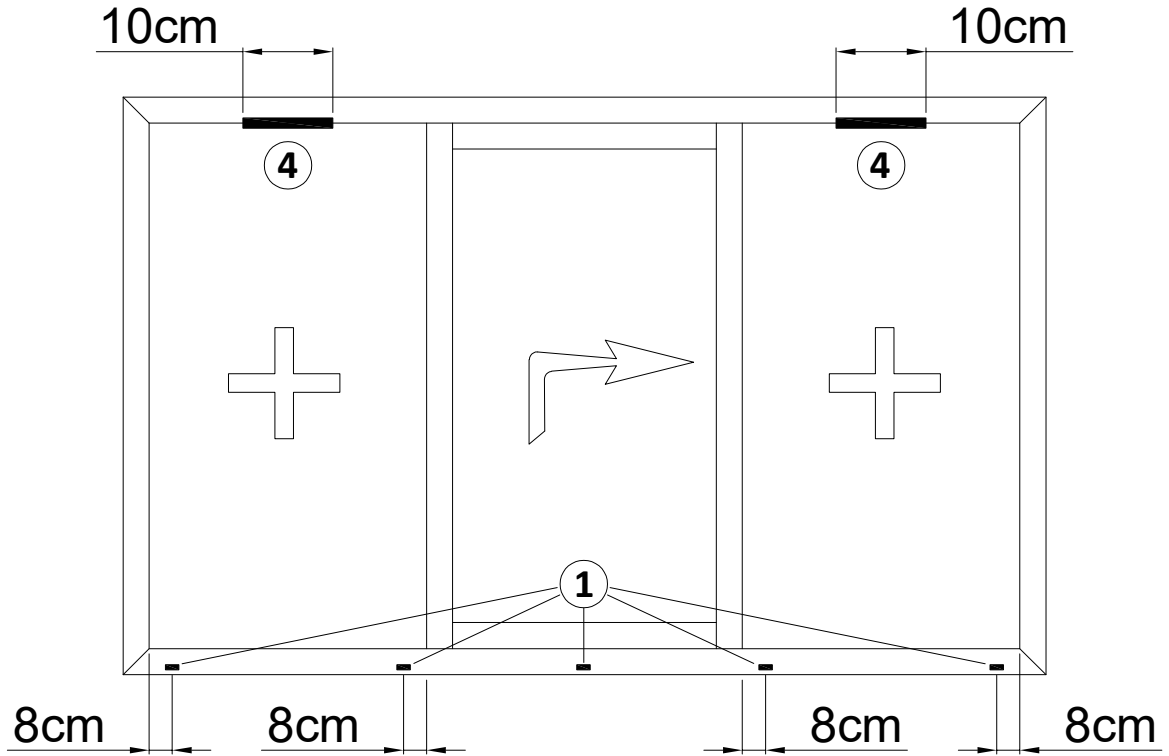
S3-105



TAHLİYE DETAYLARI - POZ 5 (TEK RAYLI SABİTLİ KASA-1)

DRAINAGE DETAILS - POSE 5 (FIXED FRAME WITH SINGLE RAIL-1)

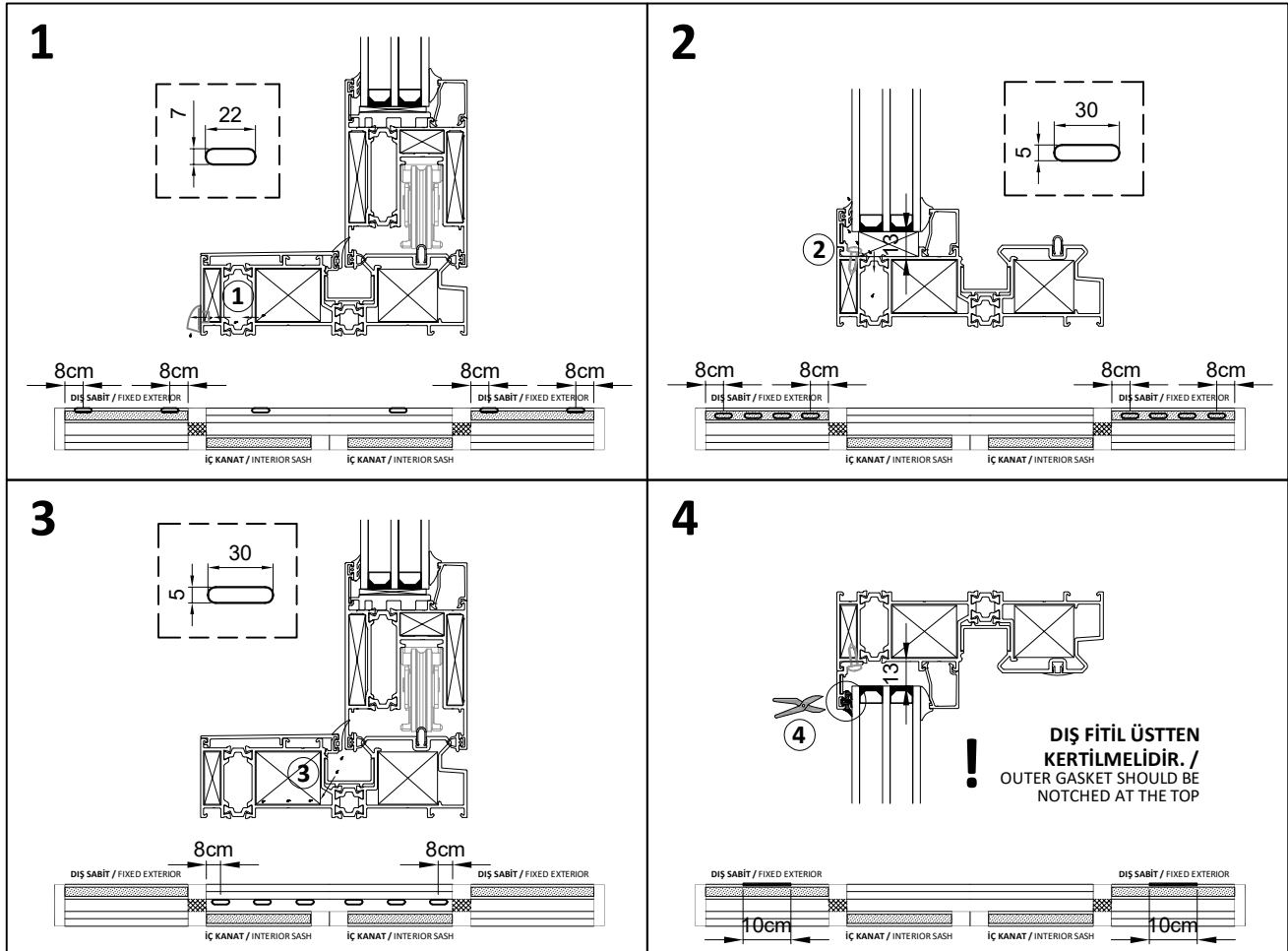
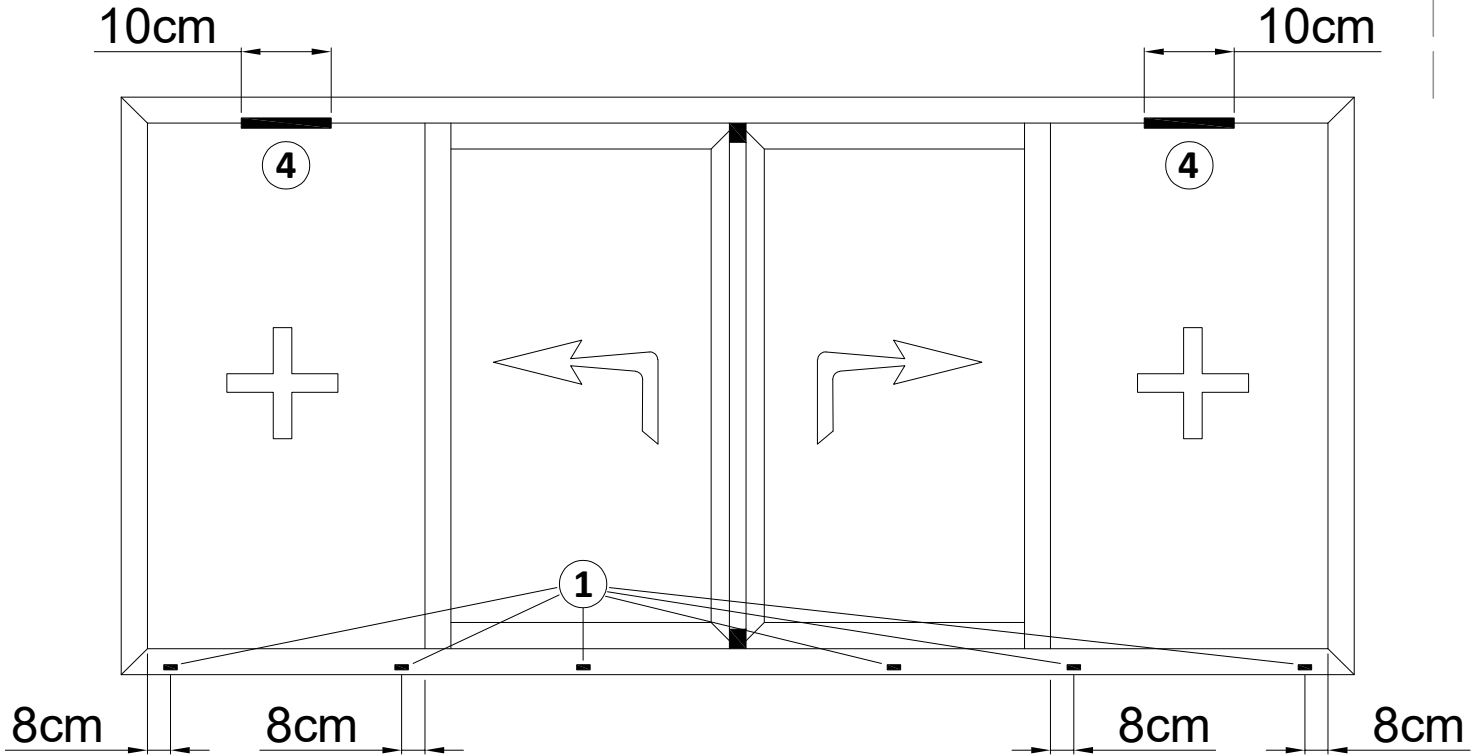
S3-105



TAHLİYE DETAYLARI - POZ 6 (TEK RAYLI SABİTLİ KASA-1)

DRAINAGE DETAILS - POSE 6 (FIXED FRAME WITH SINGLE RAIL-1)

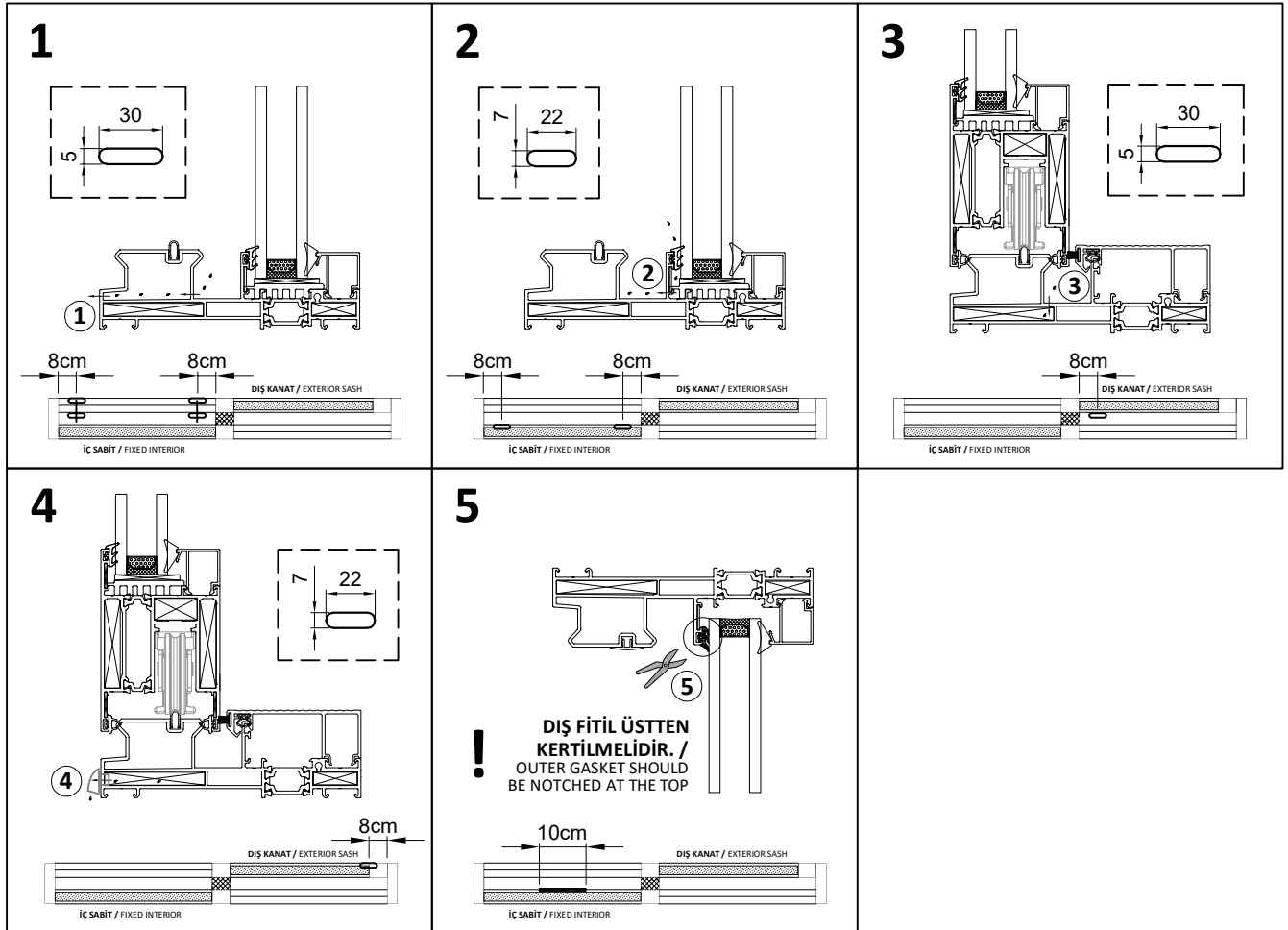
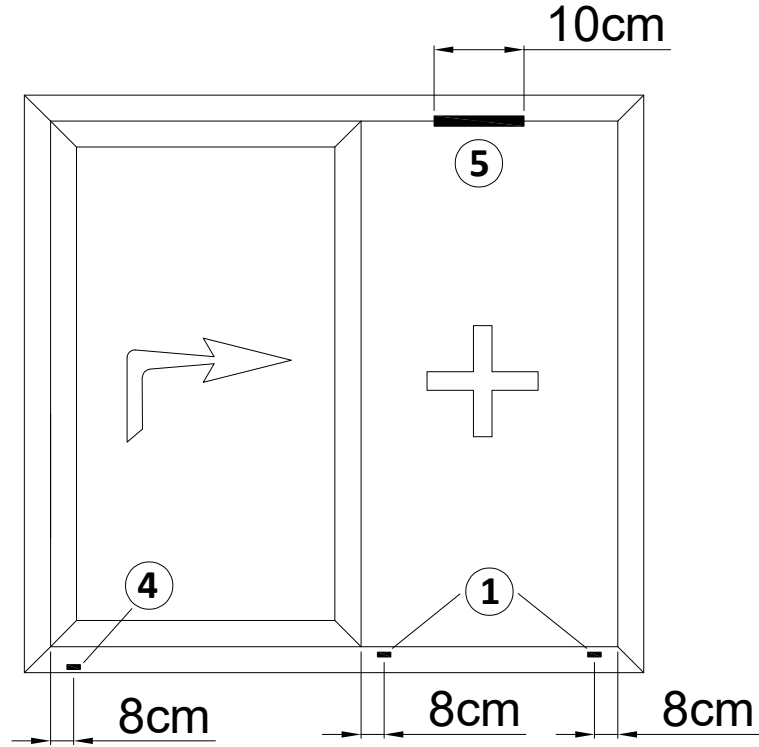
S3-105



TAHLİYE DETAYLARI - POZ 7 (TEK RAYLI SABİTLİ KASA-2)

DRAINAGE DETAILS - POSE 7 (FIXED FRAME WITH SINGLE RAIL-2)

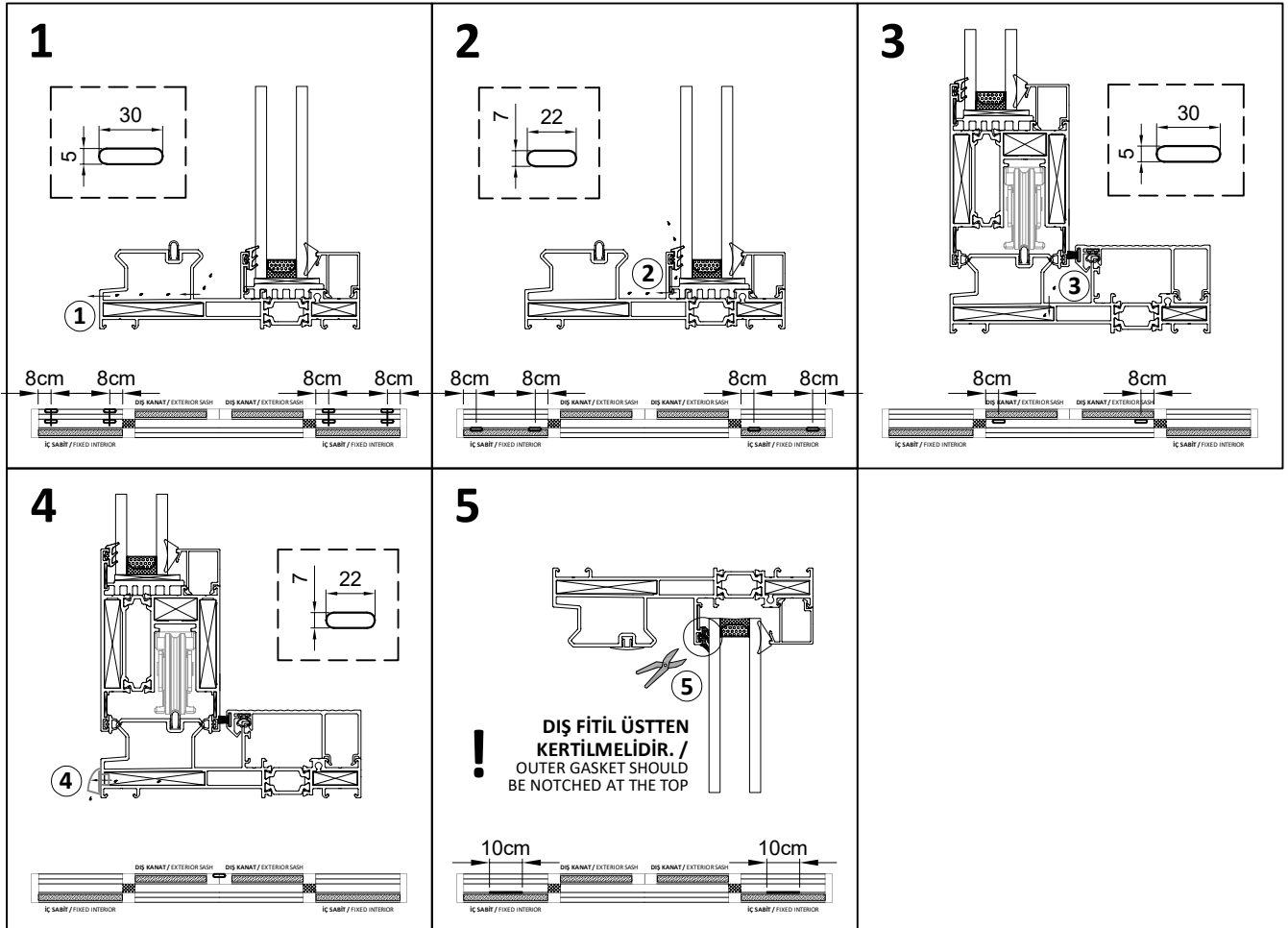
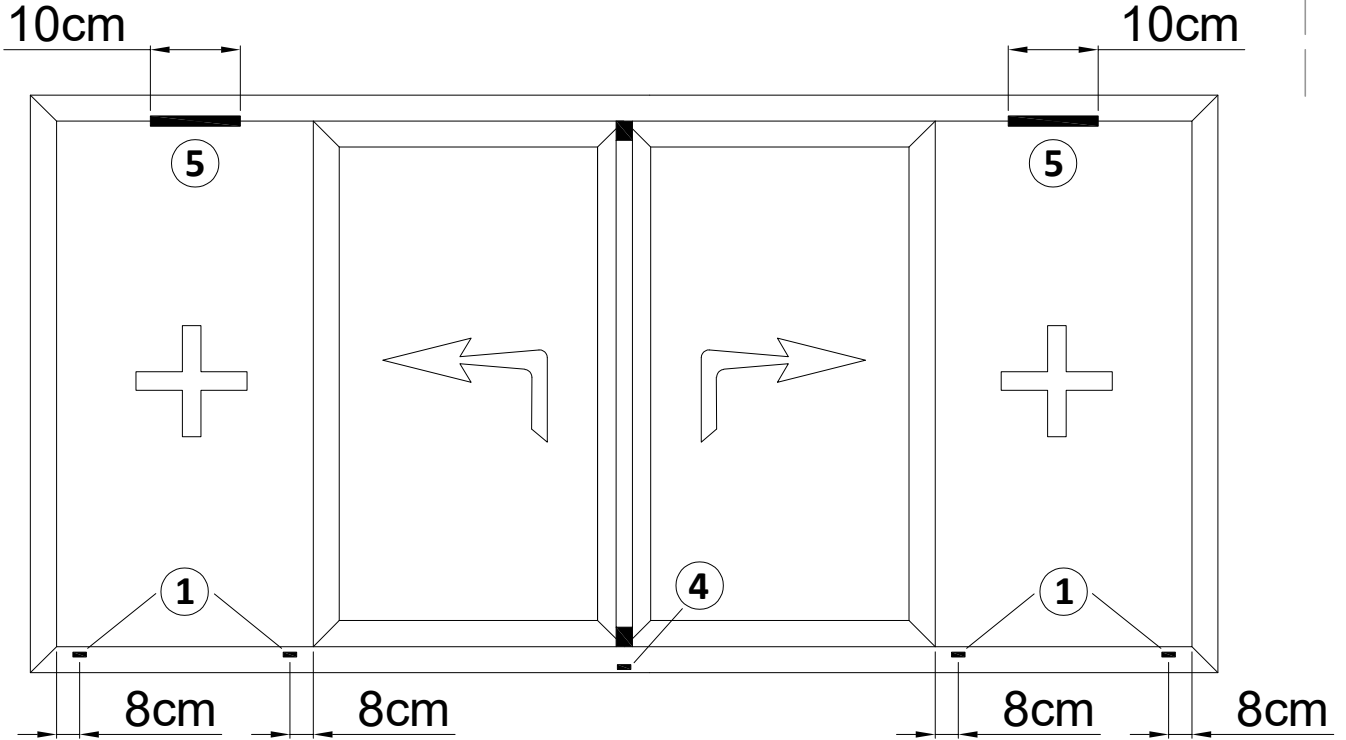
S3-102



TAHLİYE DETAYLARI - POZ 8 (TEK RAYLI SABİTLİ KASA-2)

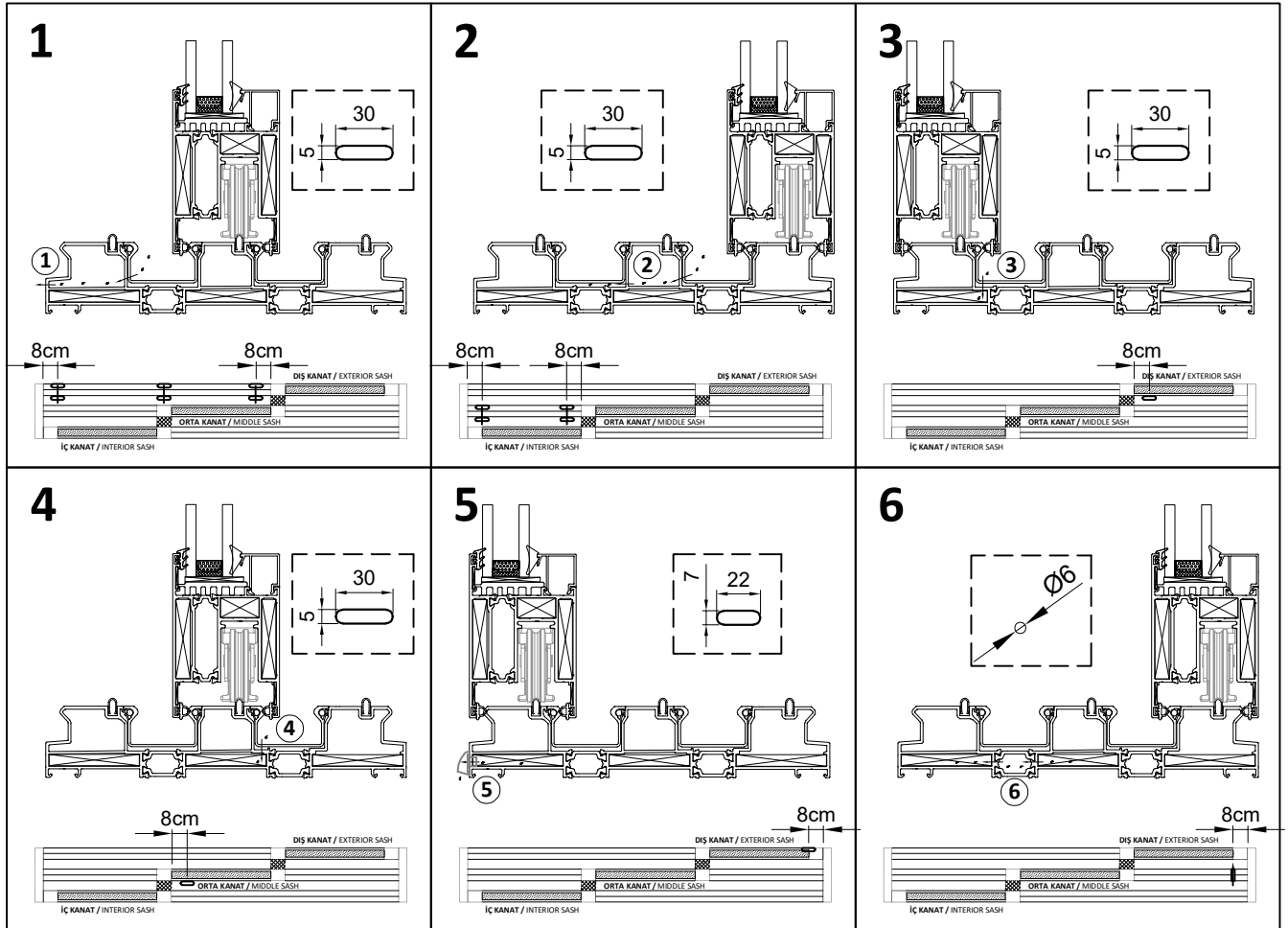
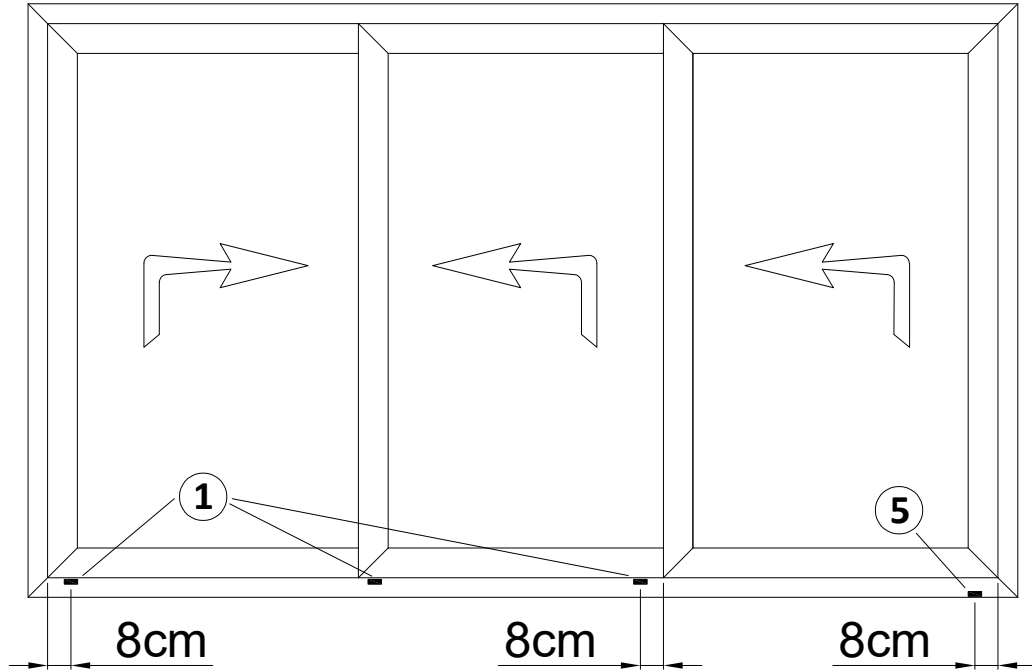
DRAINAGE DETAILS - POSE 8 (FIXED FRAME WITH SINGLE RAIL-2)

S3-102

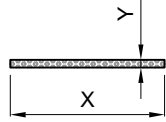


TAHLİYE DETAYLARI - POZ 9 (ÜÇ RAYLI KASA)
DRAINAGE DETAILS - POSE 9 (FRAME WITH TRIPLE RAIL)

S3-103



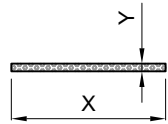
YALITIM MALZEMELERİ / INSULATION MATERIALS



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



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



TEK TARAFLI BANT SINGLE-SIDE STICK TAPE		
0	X (mm)	Y (mm)
490050	10	1,5
490051	15	1,5
490052	20	1,5
490053	25	1,5
490054	30	1,5
490055	40	1,5
490056	10	3
490057	15	3
490058	20	3
490059	25	3
490060	40	3

ÇİFT TARAFLI BANT
DOUBLE-SIDE STICK



EPDM MEMBRAN
INSULATION MEBRANE



PVC MEMBRAN
INSULATION MEBRANE



POLİSTİK BANT 15x45
POLYSTIC TAPE

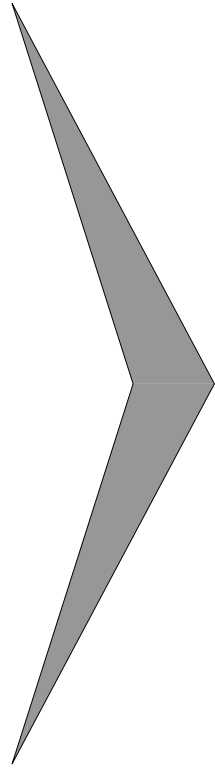


490080 390080
ŞİŞEN BANT 10x10-17MM
POLYURETHANE FOAM TAPE



UYGULAMA TIPLERİ

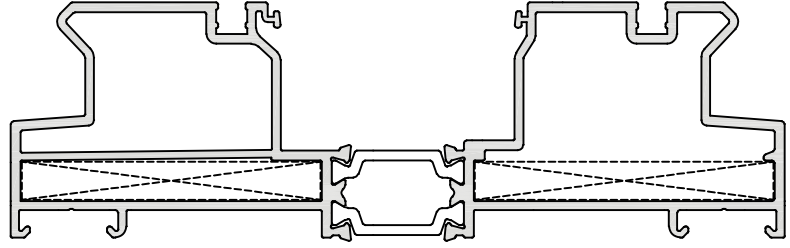
APPLICATION TYPES



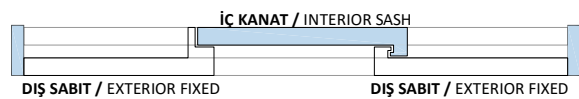
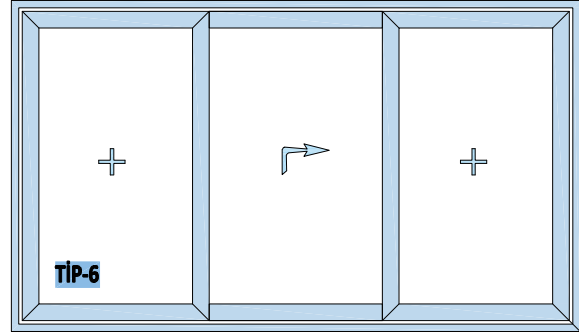
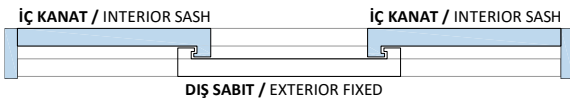
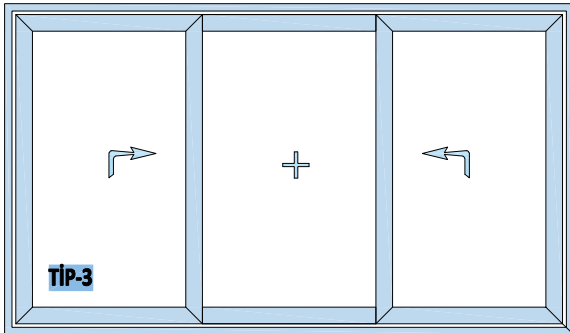
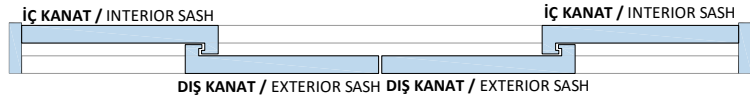
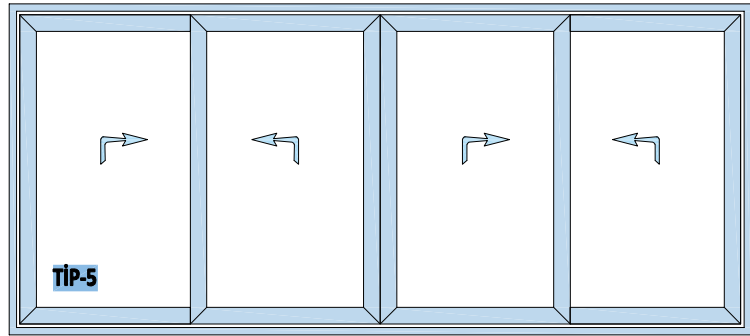
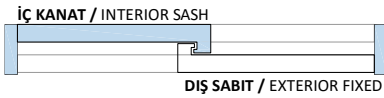
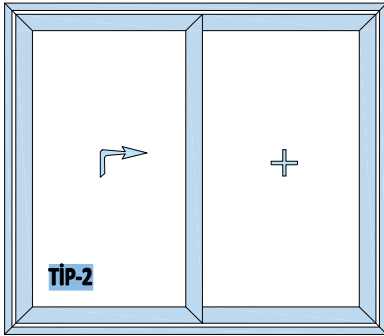
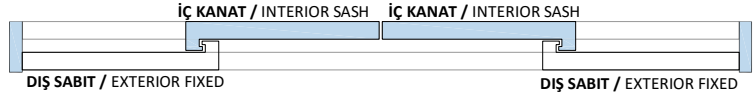
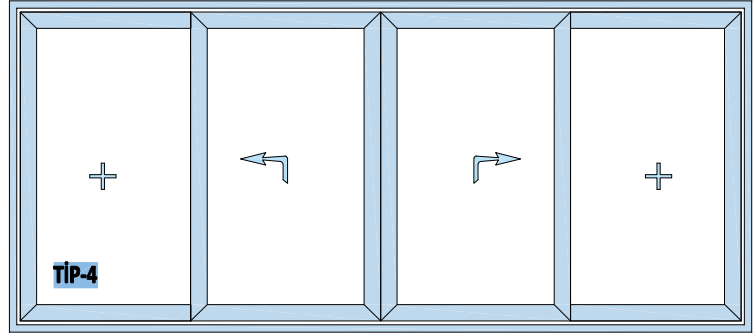
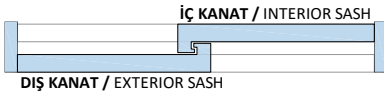
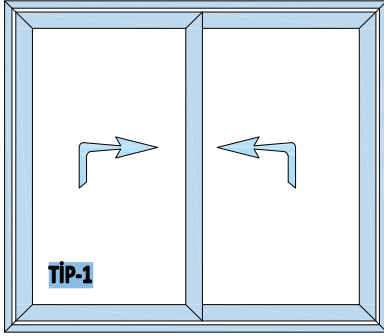
SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.
SİSTEM ALÜMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.

S3 HSHB AKSESUAR TİP İÇERİKLERİ																														
NO	TANIM	SİSTEM KODU	AÇIKLAMA	BİRİM	S3-101 KASA						S3-102 KASA						S3-103 KASA				S3-104 KASA				S3-105 KASA					
					TİP-1	TİP-2	TİP-3	TİP-4	TİP-5	TİP-6	TİP-1	TİP-2	TİP-3	TİP-4	TİP-1	TİP-2	TİP-3	TİP-4	TİP-1	TİP-2	TİP-3	TİP-4	TİP-1	TİP-2	TİP-3	TİP-4	TİP-1	TİP-2	TİP-3	TİP-4
1	KOL	470132	HSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD																										
		470133	HSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD																										
		470134	HSHB BÜYÜK KOL BAREL DELİKSİZ DİŞ	AD																										
		470135	HSHB BÜYÜK KOL BAREL DELİKLİ DİŞ	AD																										
		470136	HSHB HAVUZ KOL	AD	2	1	2	2	4	1	1	2	2	1	3	2	4	6	2	4	1	2	4	1	2	2	1	2	2	1
		470273	HSHB KOL TAKIMI İÇ MAÇALI DİŞ HAVUZ KOL BAREL DELİKLİ	AD																										
		470274	HSHB KOL TAKIMI İÇ MAÇALI DİŞ HAVUZ KOL BAREL DELİKSİZ	AD																										
2	İSPANYOLET	470275	HSHB KOL TAKIMI İÇ / DİŞ MAÇALI KOL BAREL DELİKLİ	AD																										
		470276	HSHB KOL TAKIMI İÇ / DİŞ MAÇALI KOL BAREL DELİKSİZ	AD																										
		470120	HSHB 37.5 AKS İSPANYOLET 1. BOY	AD																										
		470121	HSHB 37.5 AKS İSPANYOLET 2. BOY	AD																										
		470122	HSHB 37.5 AKS İSPANYOLET 3. BOY	AD	2	1	2	2	4	1	1	2	2	1	3	2	4	6	2	4	1	2	4	1	2	2	1	2	2	1
		470123	HSHB 37.5 AKS İSPANYOLET 4. BOY	AD																										
		470124	HSHB 37.5 AKS İSPANYOLET 5. BOY	AD																										
3	ARABA	470117	HSHB 300 KG ARABA SETİ	TK	2	1	2	2	4	1	1	2	2	1	3	2	4	6	2	4	1	2	4	1	2	2	1	2	2	1
		470128	HSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD																										
4	ARABA BAĞLANTI	470129	HSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD																										
		470130	HSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	2	1	2	2	4	1	1	2	2	1	3	2	4	6	2	4	1	2	4	1	2	2	1	2	2	1
		470131	HSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD																										
		470127	HSHB İSPANYOLET PİMİ (KARŞILIK)	AD	6	3	6	3	9	3	3	3	6	3	6	3	3	9	3	3	3	3	3	3	3	3	6	3	3	6
6	STOPER	470137	HSHB KANAT STOPERİ	AD	2	1	-	2	2	1	1	2	-	1	-	-	-	-	-	-	-	-	-	-	1	2	-	1	-	1
7	İSPANYOLET DESTEK	470126	HSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10	5	10	10	20	5	5	10	10	5	15	10	5	30	10	20	5	10	20	5	10	10	5	10	10	5
8	KENET PROFİL KAPAK	480014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	2	2	4	4	4	3	2	4	4	3	4	4	8	8	4	8	1	2	4	8	1	2	2	2	2	2
9	ALT HAVA KESİCİ	490002	S3 SÜRME İKİLİ RAY ALT HAVA KESİCİ EYA SÜNGER	AD	1	1	2	2	2	2	-	-	-	-	2	2	5	5	1	2	-	-	-	-	-	-	-	-	-	-
		490004	S3 SÜRME TEKİ RAY ALT HAVA KESİCİ EYA SÜNGER	AD	-	-	-	-	-	-	1	2	2	-	-	-	-	-	-	1	2	1	2	1	2	2	2	2	2	2
		490031	S3 SÜRME TEKİ RAY ALT HAVA KESİCİ EYA SÜNGER	AD	-	-	-	-	-	-	1	2	2	-	-	-	-	-	-	1	2	1	2	1	2	2	2	2	2	2
		490001	S3 SÜRME İKİLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	1	1	2	2	2	2	-	-	-	-	2	2	5	5	1	2	-	-	-	-	-	-	-	-	-	-
10	ÜST HAVA KESİCİ	490003	S3 SÜRME TEKİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-	-	-	-	-	-	1	2	2	-	-	-	-	-	1	2	2	2	2	2	2	2	2	2	2	2
		490032	S3 SÜRME TEKİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-	-	-	-	-	-	1	2	2	-	-	-	-	-	-	1	2	2	2	2	2	2	2	2	2	2
		470125	HSHB ARABA DESTEK PARÇASI 16 MM	AD	2	1	2	2	4	1	1	2	2	1	3	2	4	6	2	4	1	2	4	1	2	2	1	2	2	1
		470138	HSHB PASİF KANAT ALT GÜVENLİK KARŞILICI	AD	-	-	-	1	1	-	-	-	1	-	-	1	1	3	3	1	3	-	1	3	-	1	-	-	-	-
13	HAYALANDIRMA KARŞILIK	480072	HSHB HAYALANDIRMA KARŞILIK	AD	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	
14	MİL YATAKLAMA	480056	HSHB MİL YATAKLAMA PARÇASI	AD	2	1	2	2	4	1	1	2	2	1	3	2	4	6	2	4	1	2	4	1	2	2	1	2	1	1
15	İLAVE ARABA	470119	HSHB İLAVE ARABA	AD	2	1	2	2	4	1	1	2	2	1	3	2	4	6	2	4	1	2	4	1	2	2	1	2	1	1
16	ORTA ADAPTOR TAPASI	480021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-	-	-	2	2	-	-	2	-	-	-	-	2	-	2	-	2	-	2	-	2	-	2	-	-	-
17	KANAT SABİTLEME	410501	HSHB KANAT SABİTLEME PARÇASI	AD	-	5	2	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

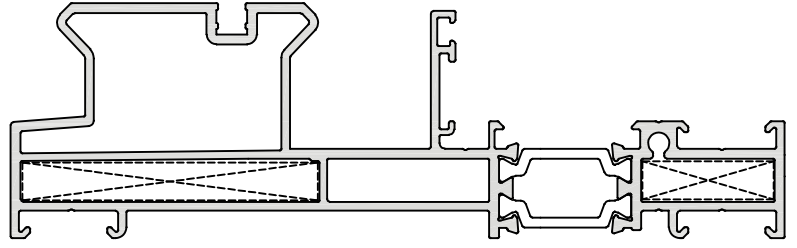


S3-101 KASA KİLİ RAY

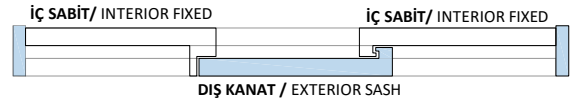
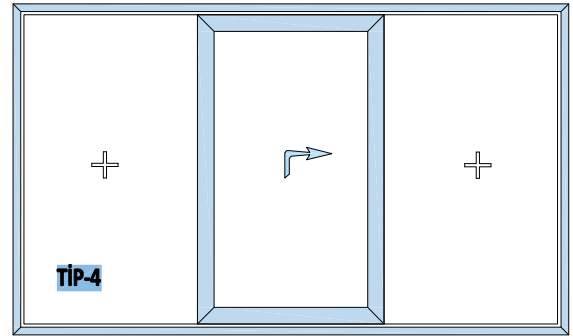
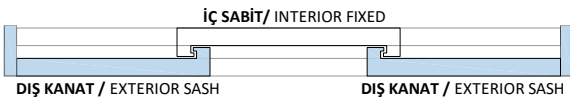
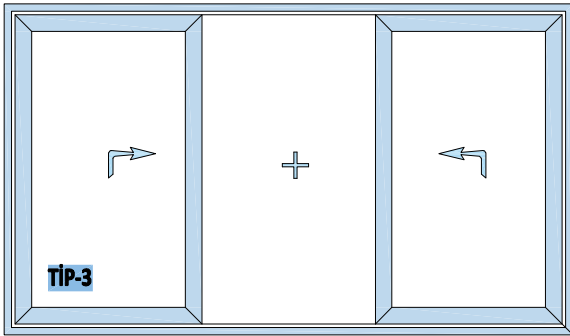
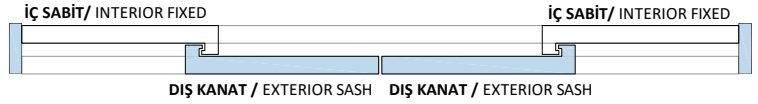
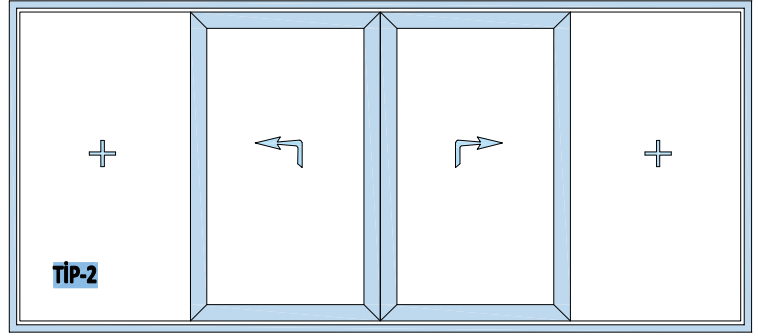
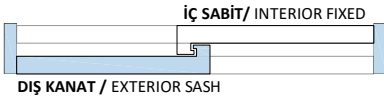
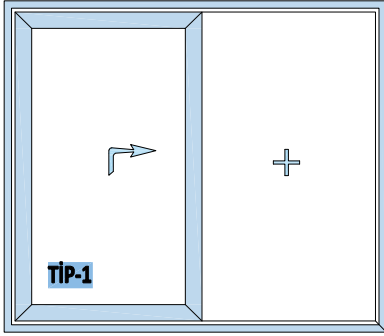


S3-101 KASA İKİLİ RAY

		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

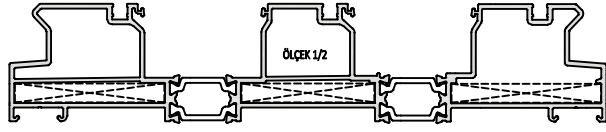


S3-102 KASATEKLİ RAY + SABİT KANAT DIŞARIDA

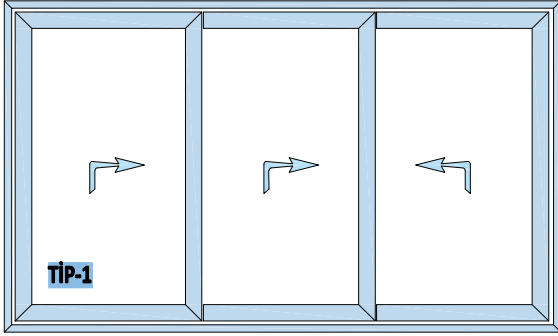


S3-101 KASA İKİLİ RAY

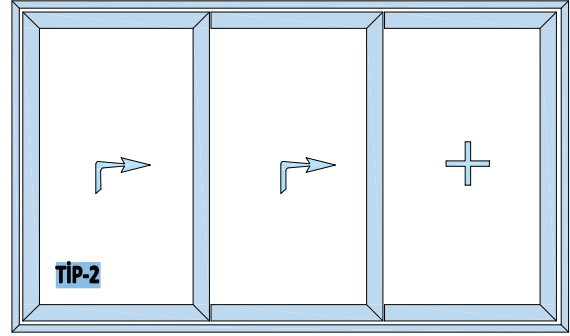
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



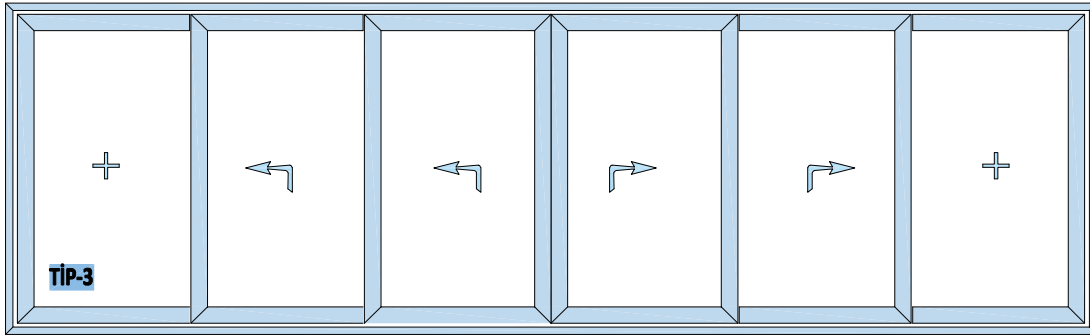
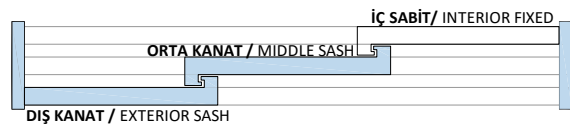
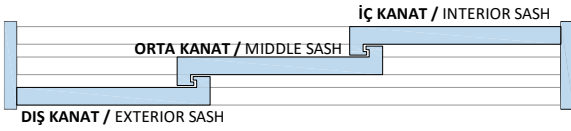
S3-103 KASA ÜÇLÜ RAY



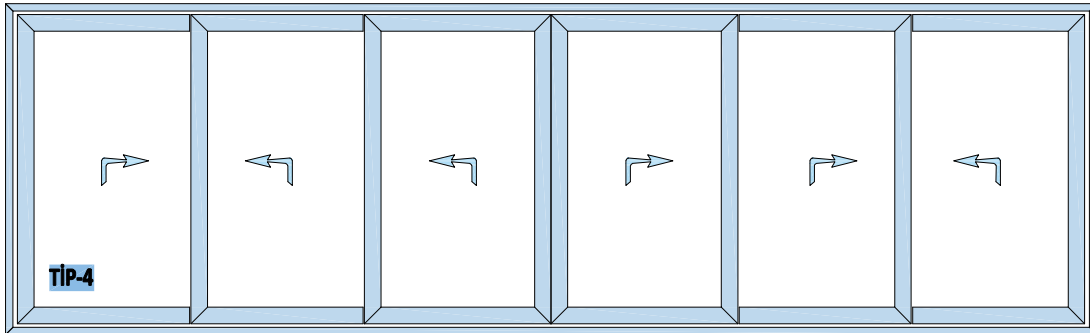
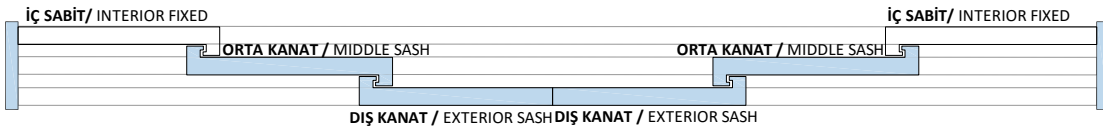
TİP-1



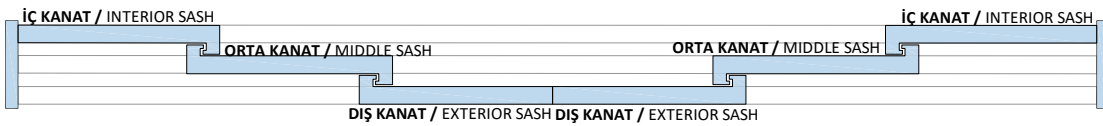
TİP-2



TİP-3

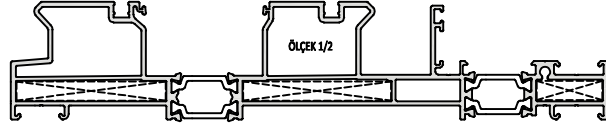


TİP-4

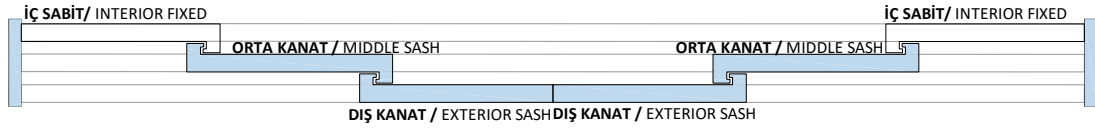
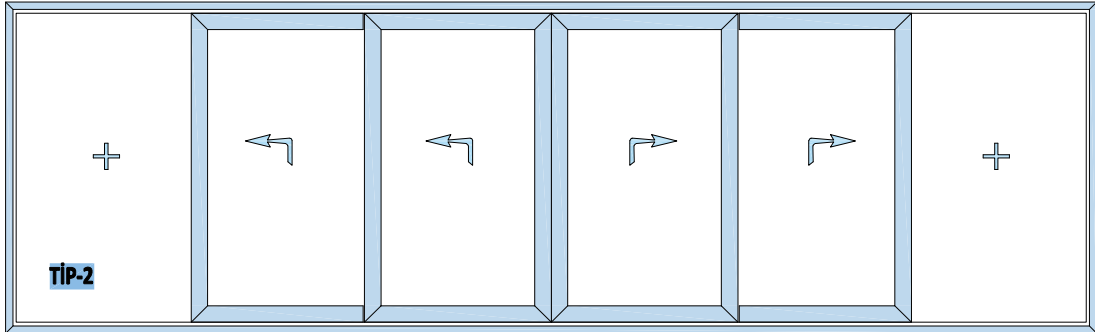
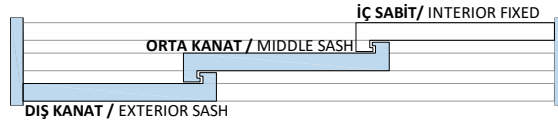
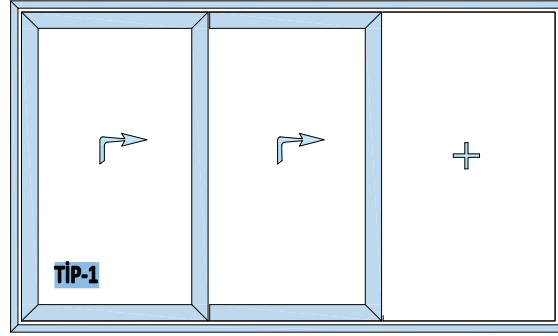


S3-101 KASA İKİLİ RAY

		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

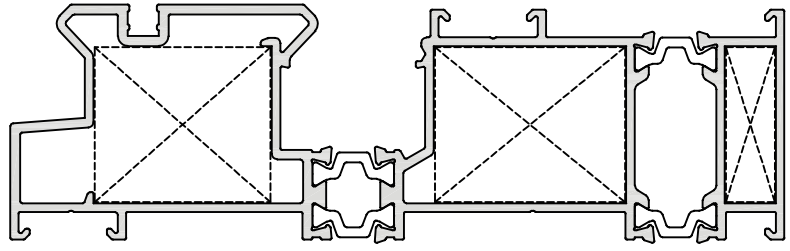


S3-104 KASA İKİLİ RAY + SABİT İÇERİDE

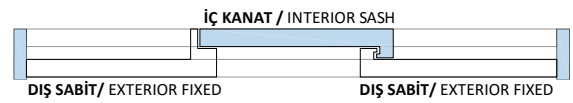
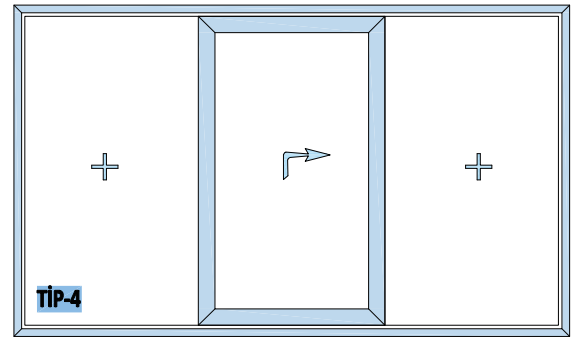
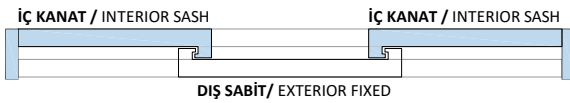
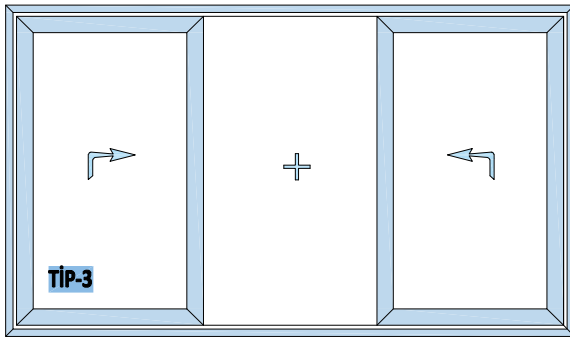
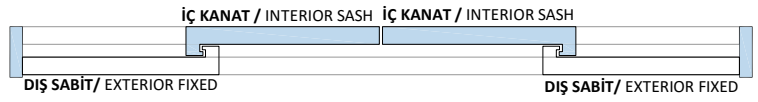
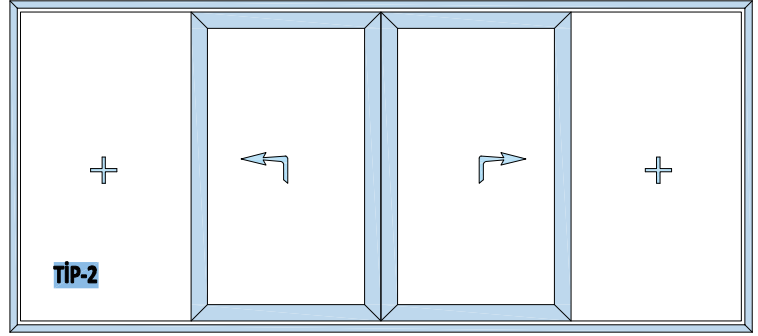
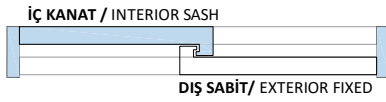
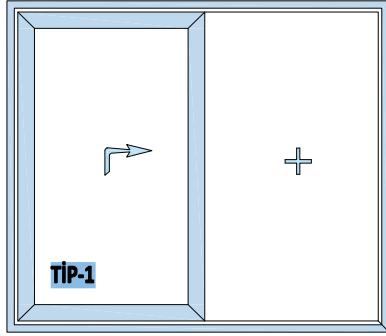


S3-101 KASA İKİLİ RAY

		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

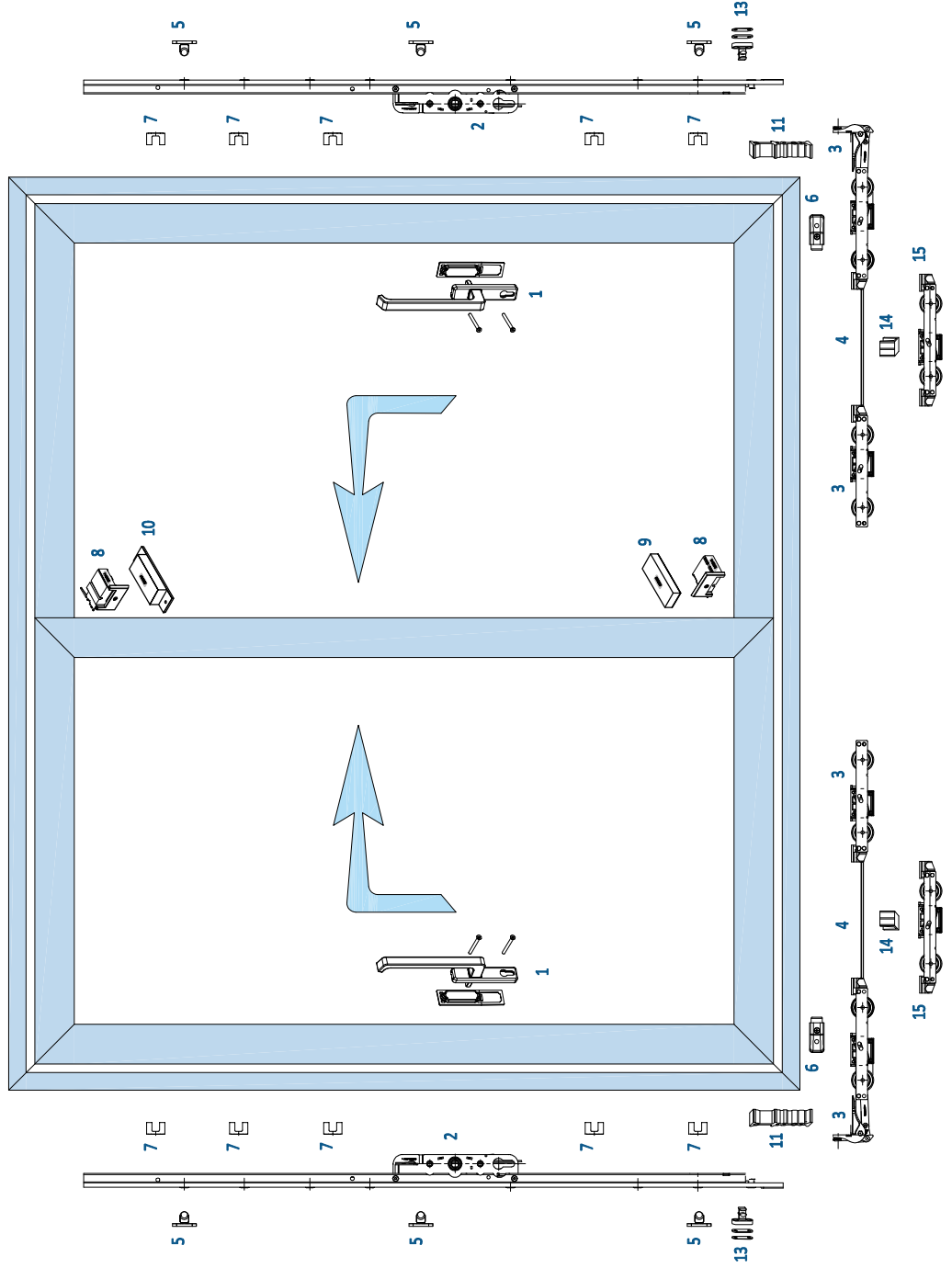


S3-105 KASA TEKLİ RAY + SABİT KANAT İÇERİDE

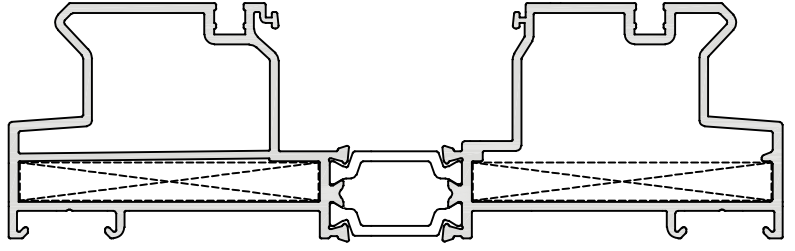


İÇ KANAT / INTERIOR SASH

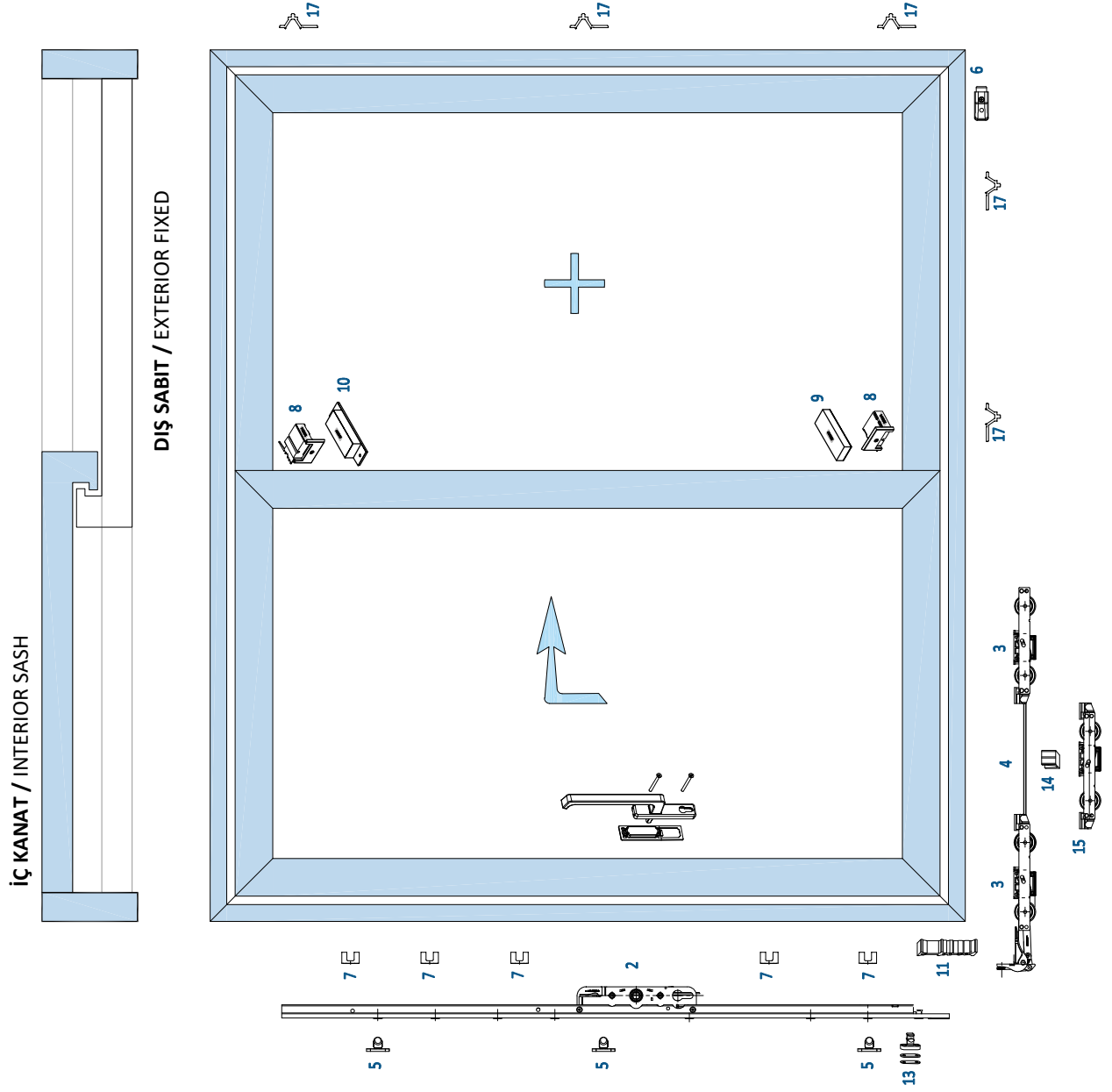
DIŞ KANAT / EXTERIOR SASH



		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

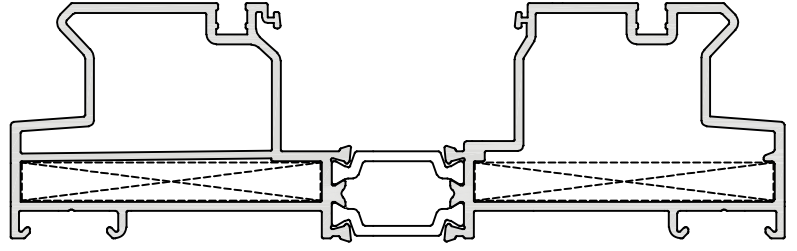


S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-101 KASA TİP-1)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-1
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DİŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DİŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DİŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DİŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DİŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DİŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	6
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	2
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	2
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	1
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	1
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-



TİP-2

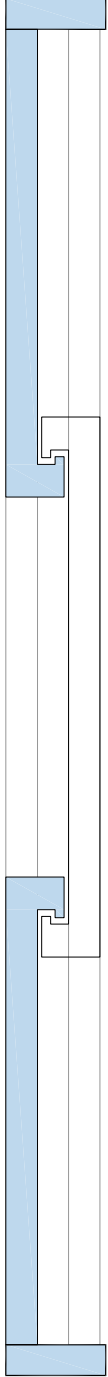
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



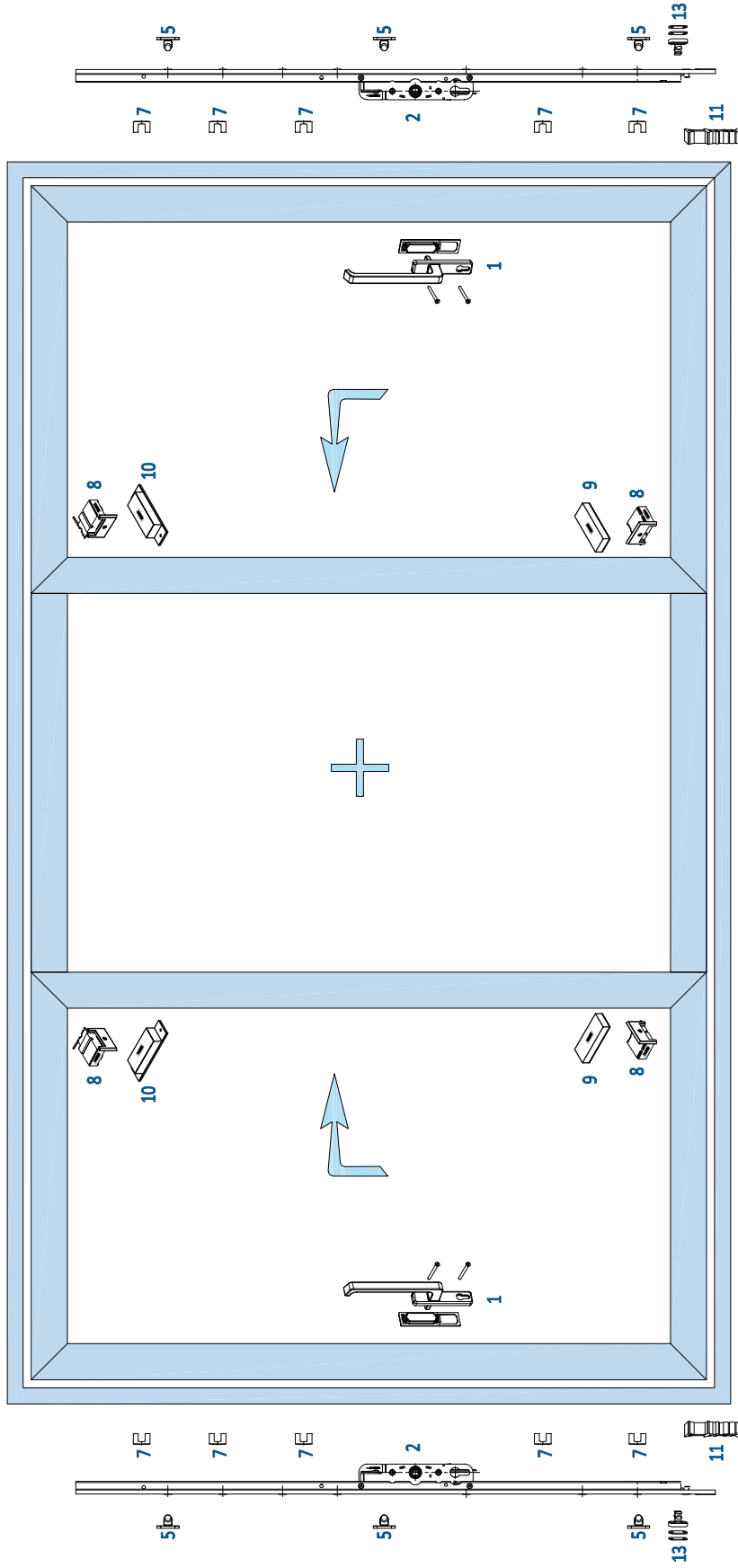
S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3 101 KASA TİP-2)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-2
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	1
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	1
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	1
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	1
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	1
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	5
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	2
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	1
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	1
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	1
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	1
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	1
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-S01 ORTA ADAPTOR PROFİL TAPASI	AD	-
17	KANAT SABİTLEME	410501	/ 310501	HBSHB KANAT SABİTLEME PARÇASI	AD	5

TİP-3

İÇ KANAT / INTERIOR SASH

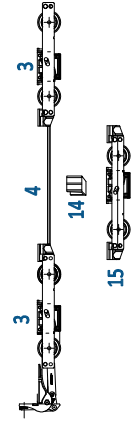
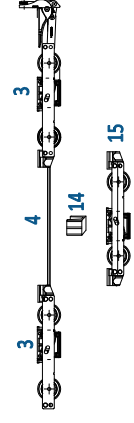


DIŞ SABİT / EXTERIOR FIXED

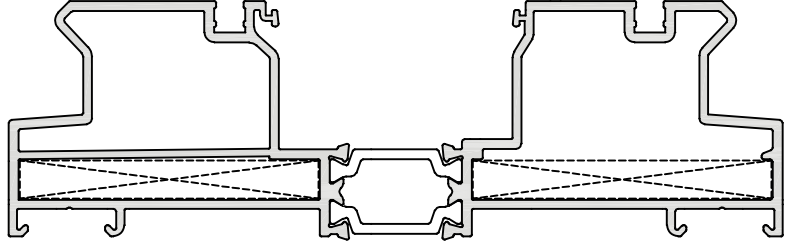


17

17

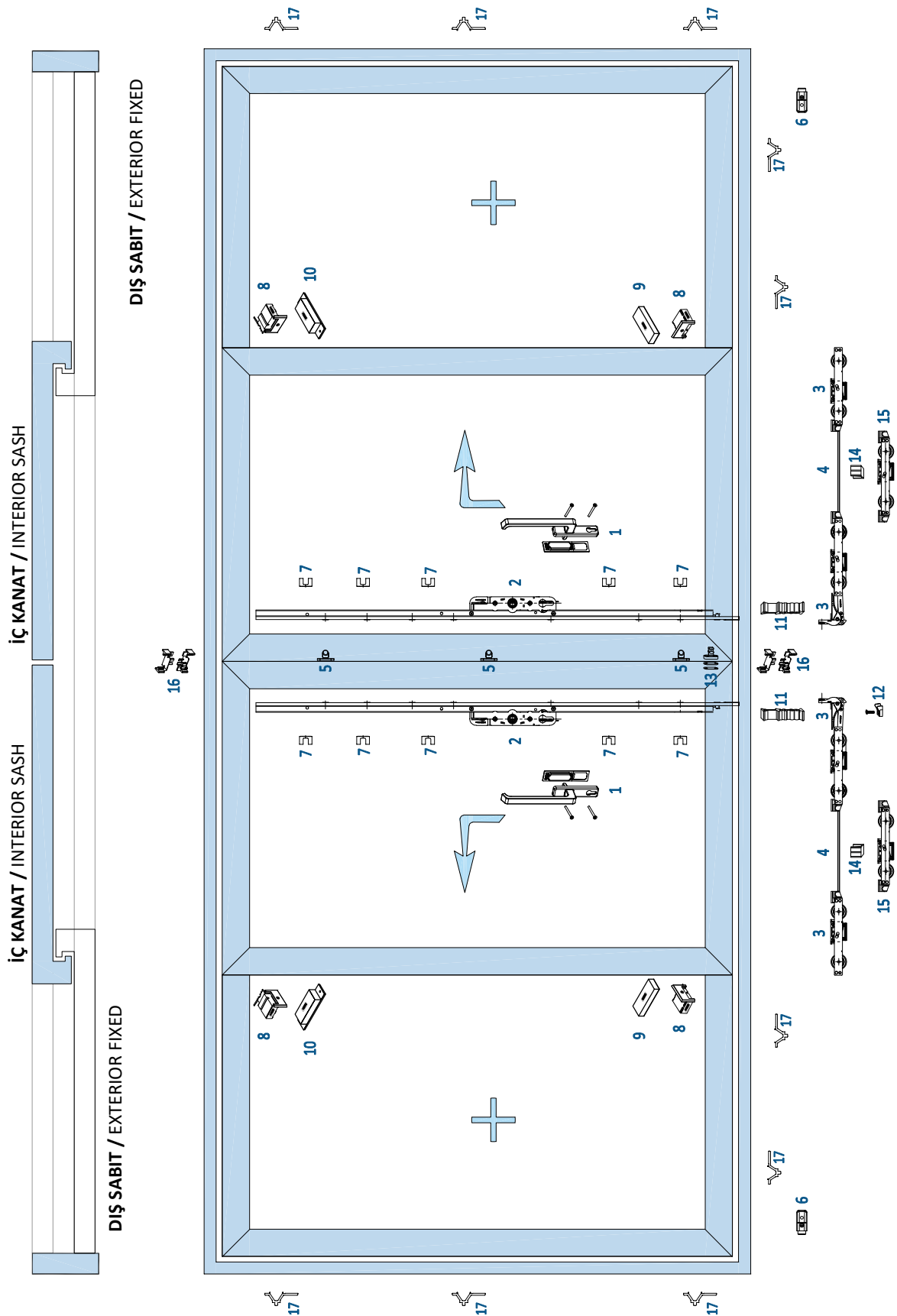


		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

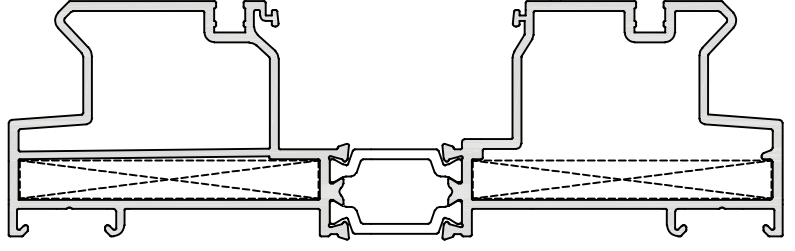


S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-101 KASA TİP-3)					
NO	TANIM	SİSTEM KODU	AÇIKLAMA	BİRİM	TİP-3
1	KOL	470132 / 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133 / 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134 / 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135 / 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136 / 370136	HBSHB HAVUZ KOL	AD	
		470273 / 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274 / 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275 / 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276 / 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120 / 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121 / 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122 / 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123 / 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124 / 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117 / 370117	HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128 / 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129 / 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130 / 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131 / 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127 / 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	6
6	STOPER	470137 / 370137	HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126 / 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014 / 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	4
9	ALT HAVA KESİCİ	490002 / 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490004 / 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031 / 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001 / 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490003 / 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032 / 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125 / 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138 / 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072 / 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056 / 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119 / 370119	HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021 / 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-
17	KANAT SABİTLEME	410501 / 310501	HBSHB KANAT SABİTLEME PARÇASI	AD	2

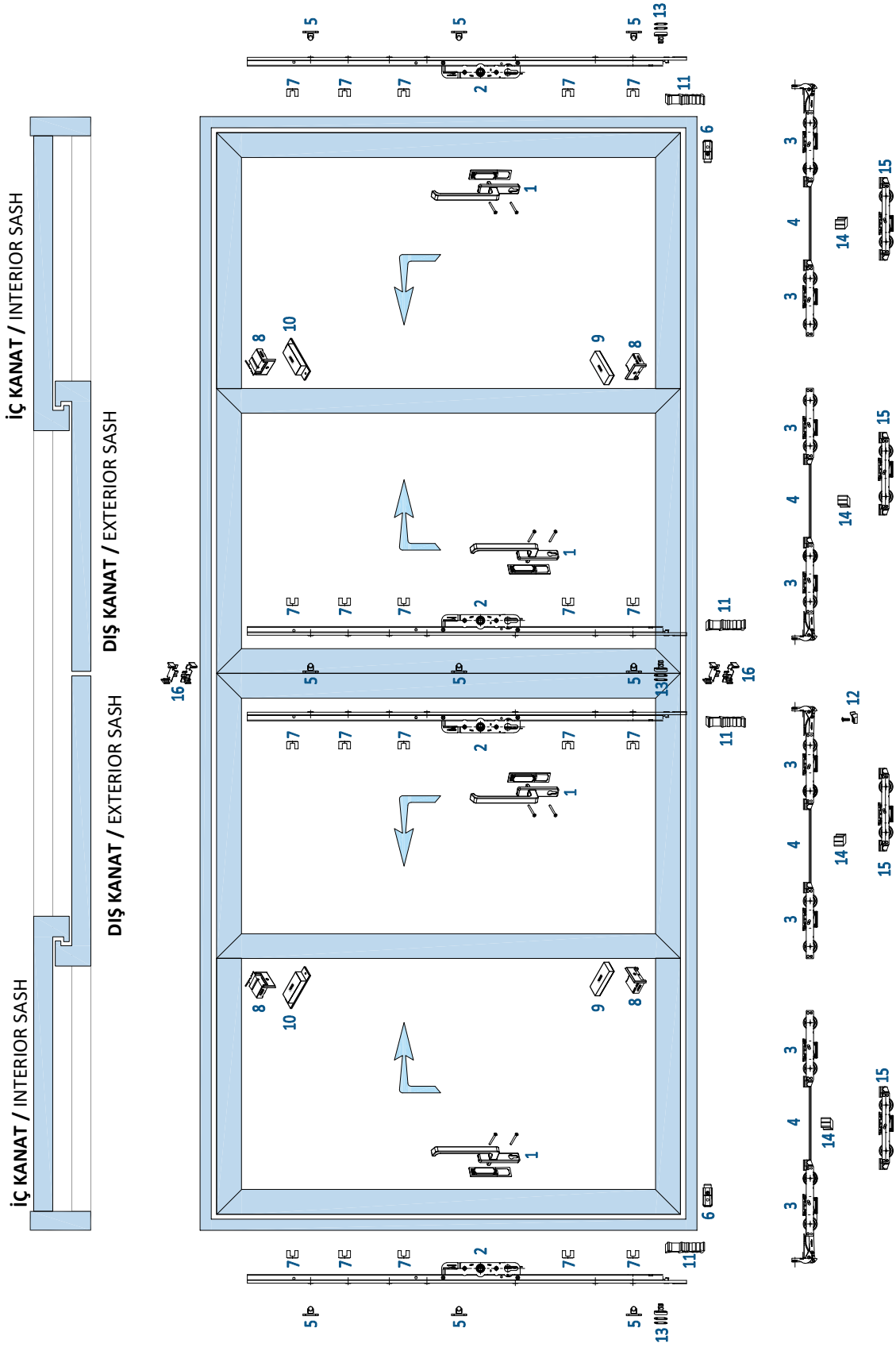
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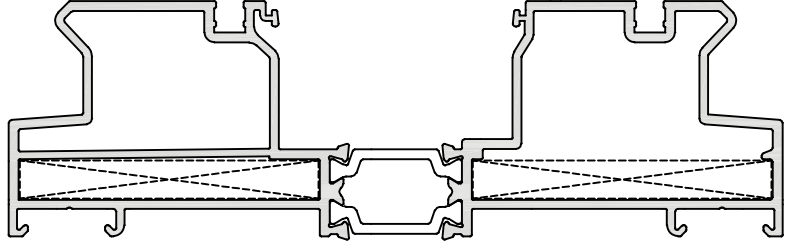
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



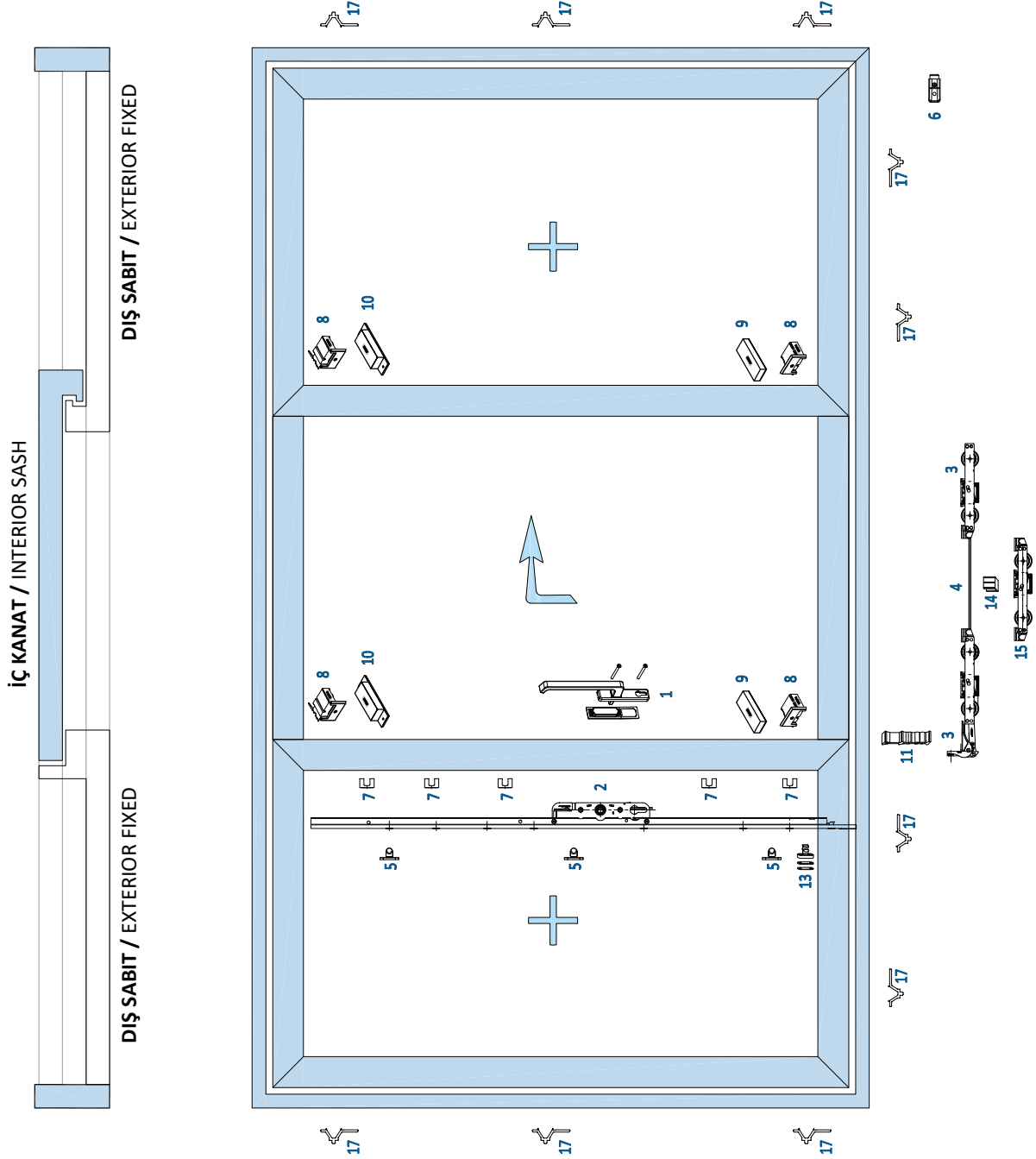
S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-101 KASA TİP-4)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-4
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	2
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	4
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	1
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	2
17	KANAT SABİTLEME	410501	/ 310501	HBSHB KANAT SABİTLEME PARÇASI	AD	10



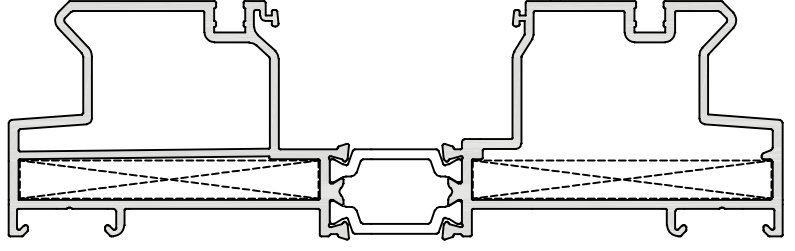
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-101 KASA TİP-5)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-5
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	4
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	4
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	4
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	4
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	9
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	2
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	20
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	4
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKİLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKİLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	4
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	1
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	4
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	4
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	2



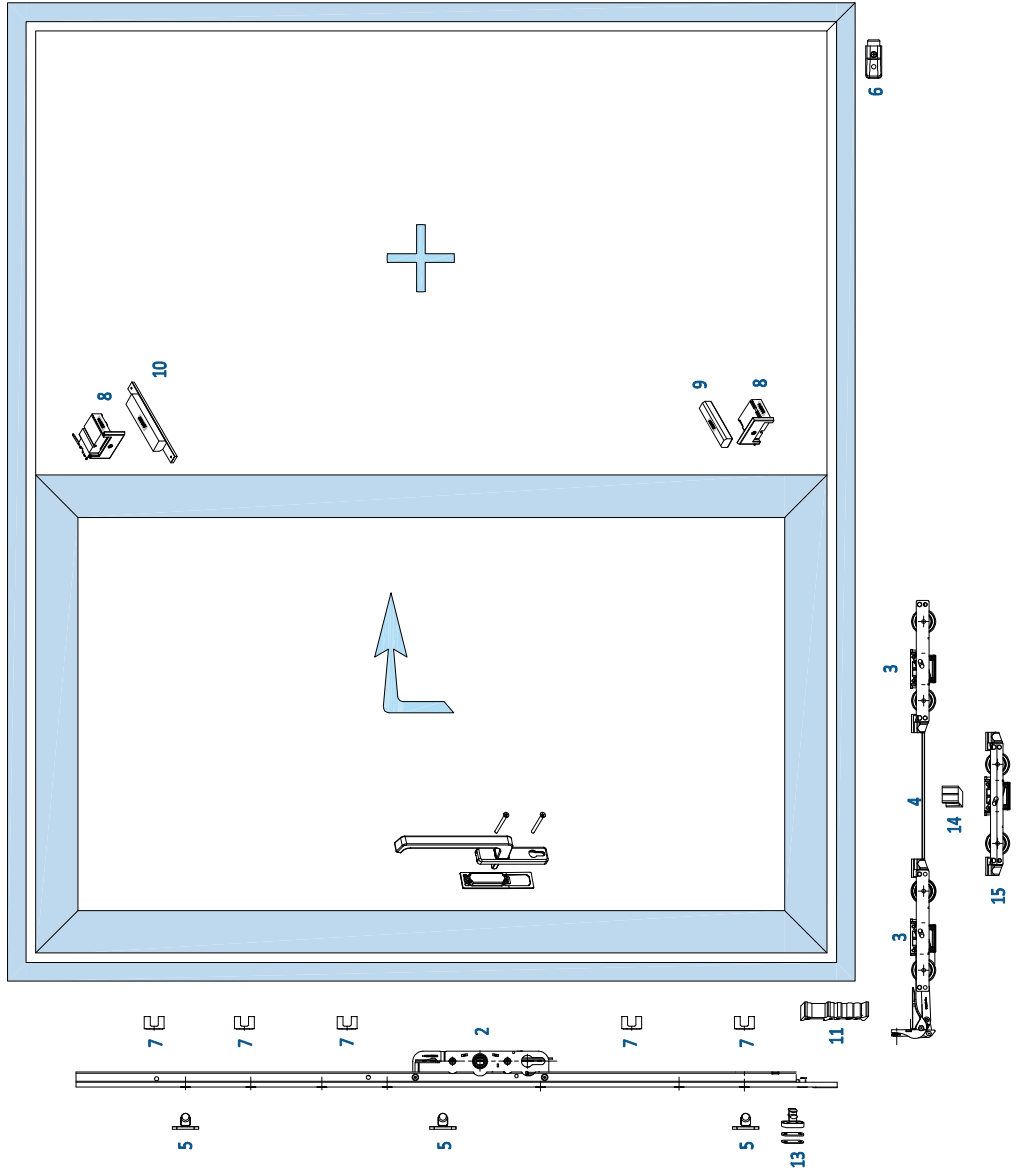
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-101 KASA TİP-6)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-6
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	1
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	1
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	1
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	1
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	1
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	5
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	3
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	1
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	1
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	1
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-
17	KANAT SABİTLEME	410501	/ 310501	HBSHB KANAT SABİTLEME PARÇASI	AD	10

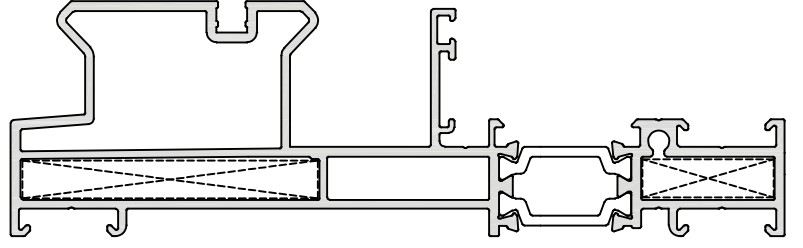
İÇ SABİT/ INTERIOR FIXED

DIŞ KANAT / EXTERIOR SASH



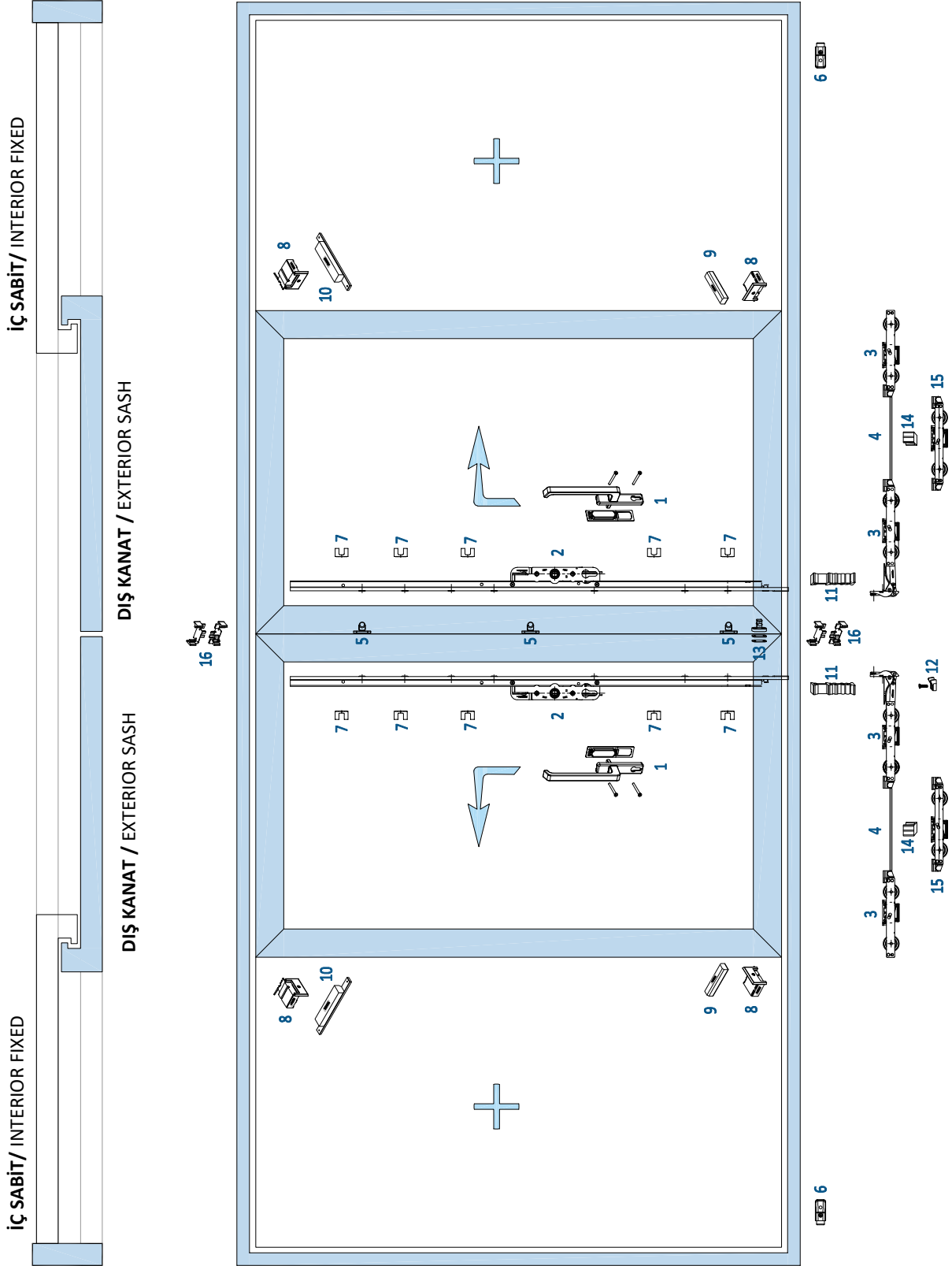
TİP-1

		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

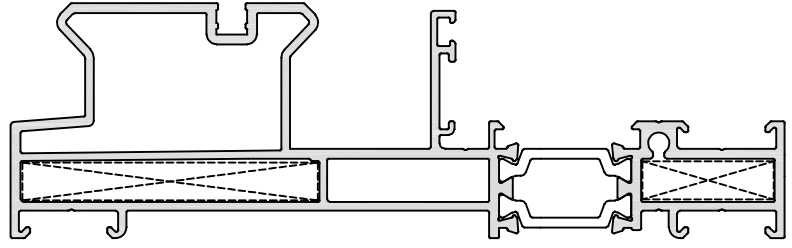


S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-102 KASA TİP-1)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-1
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	1
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	1
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	1
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	1
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	1
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	5
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	2
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	1
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	1
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	1
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	1
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	1
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-

TİP-2



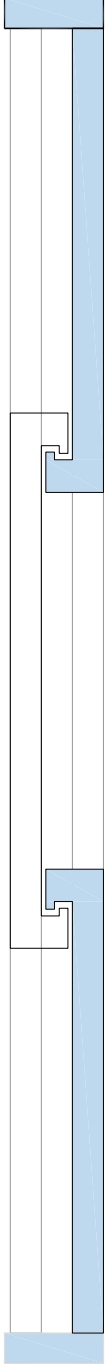
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-102 KASA TİP-2)					
NO	TANIM	SİSTEM KODU	AÇIKLAMA	BİRİM	TİP-2
1	KOL	470132 / 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133 / 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134 / 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135 / 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136 / 370136	HBSHB HAVUZ KOL	AD	
		470273 / 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274 / 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275 / 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276 / 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120 / 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121 / 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122 / 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123 / 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124 / 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117 / 370117	HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128 / 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129 / 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130 / 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131 / 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127 / 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137 / 370137	HBSHB KANAT STOPERİ	AD	2
7	İSPANYOLET DESTEK	470126 / 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014 / 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	4
9	ALT HAVA KESİCİ	490002 / 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490004 / 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490031 / 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001 / 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490003 / 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490032 / 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125 / 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138 / 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	1
13	HAVALANDIRMA KARŞILIK	460072 / 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056 / 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119 / 370119	HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021 / 350021	S3-S01 ORTA ADAPTOR PROFİL TAPASI	AD	2

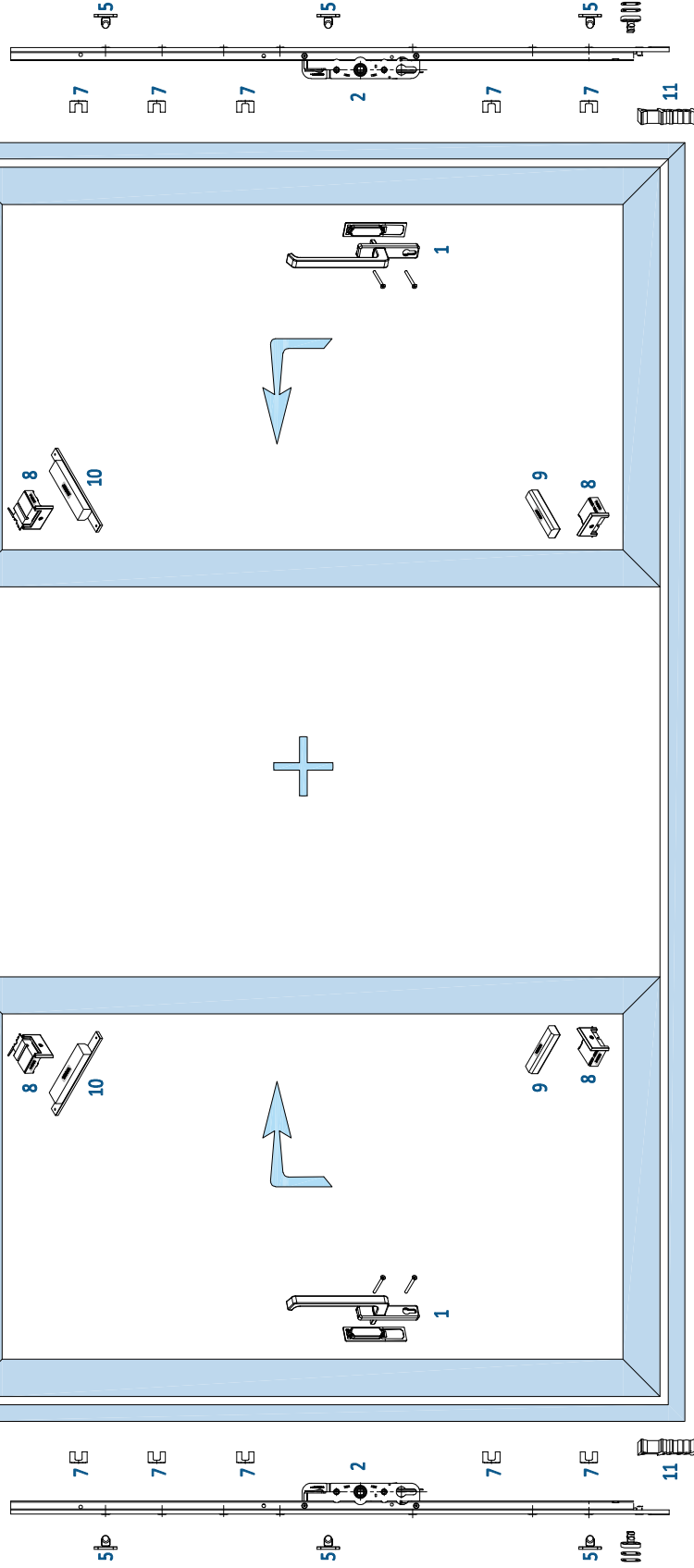
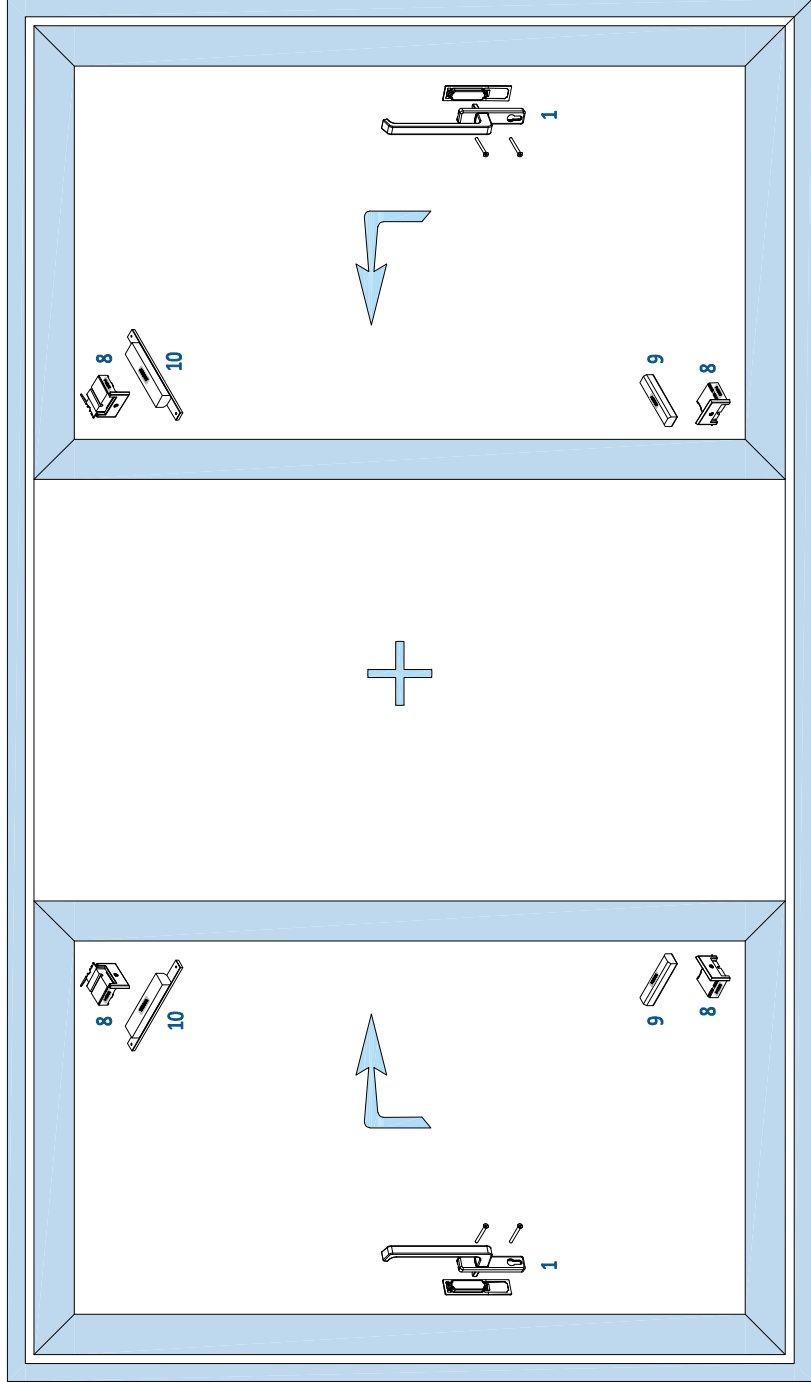
TİP-3

İÇ SABİT/ INTERIOR FIXED

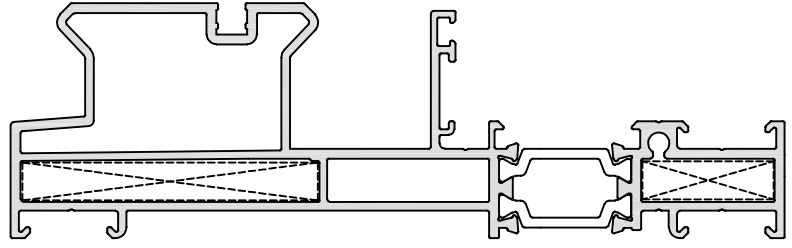


DIŞ KANAT / EXTERIOR SASH

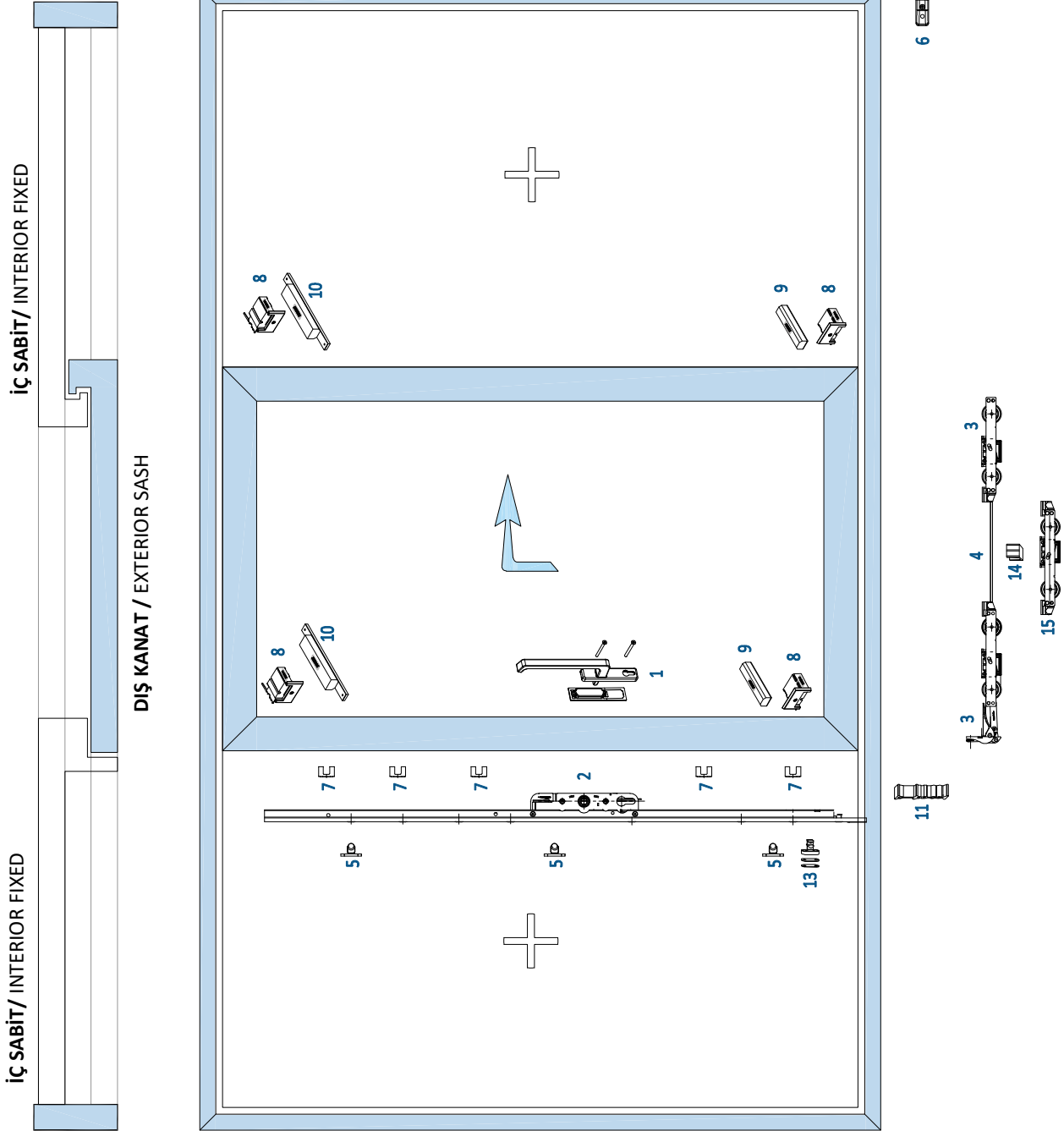
DIŞ KANAT / EXTERIOR SASH



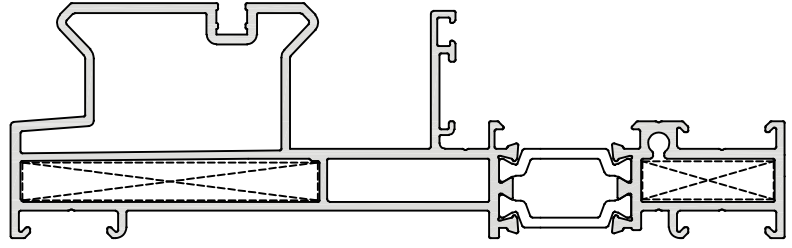
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-102 KASA TİP-3)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-3
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	6
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	4
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-



		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



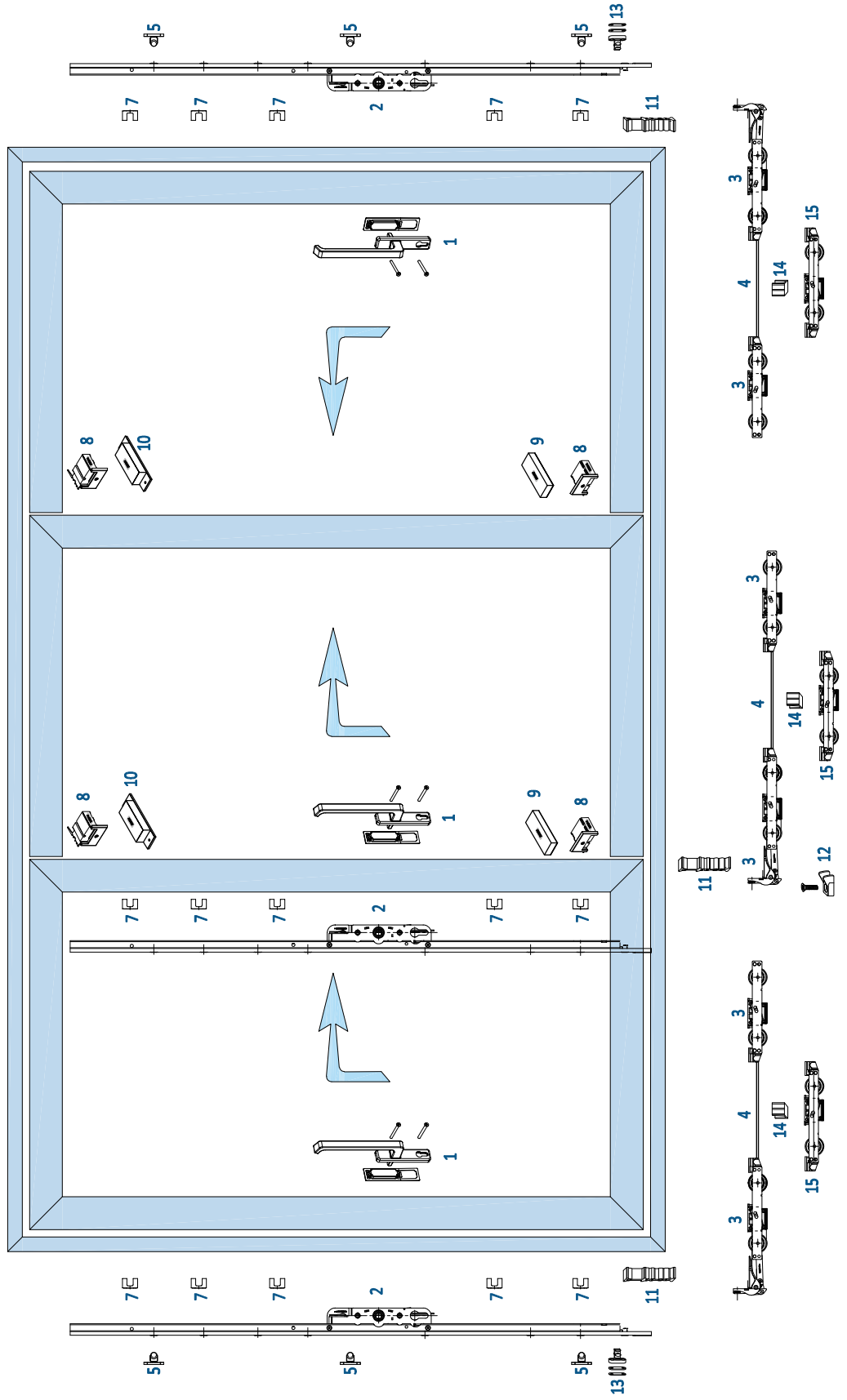
S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-102 KASA TİP-4)					
NO	TANIM	SİSTEM KODU	AÇIKLAMA	BİRİM	TİP-4
1	KOL	470132 / 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	1
		470133 / 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134 / 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135 / 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136 / 370136	HBSHB HAVUZ KOL	AD	
		470273 / 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274 / 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275 / 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276 / 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120 / 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	1
		470121 / 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122 / 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123 / 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124 / 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117 / 370117	HBSHB 300 KG ARABA SETİ	TK	1
4	ARABA BAĞLANTI	470128 / 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	1
		470129 / 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130 / 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131 / 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127 / 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137 / 370137	HBSHB KANAT STOPERİ	AD	1
7	İSPANYOLET DESTEK	470126 / 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	5
8	KENET PROFİL KAPAK	480014 / 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	3
9	ALT HAVA KESİCİ	490002 / 390002	S3 SÜRME İKİLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490004 / 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490031 / 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001 / 390001	S3 SÜRME İKİLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490003 / 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490032 / 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125 / 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	1
12	PASİF KANAT GÜVENLİK	470138 / 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072 / 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056 / 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	1
15	İLAVE ARABA	470119 / 370119	HBSHB İLAVE ARABA	AD	1
16	ORTA ADAPTOR TAPASI	450021 / 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-

İÇ KANAT / INTERIOR SASH

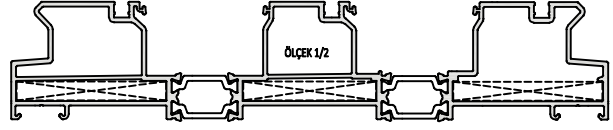
ORTA KANAT / MIDDLE SASH

DIŞ KANAT / EXTERIOR SASH

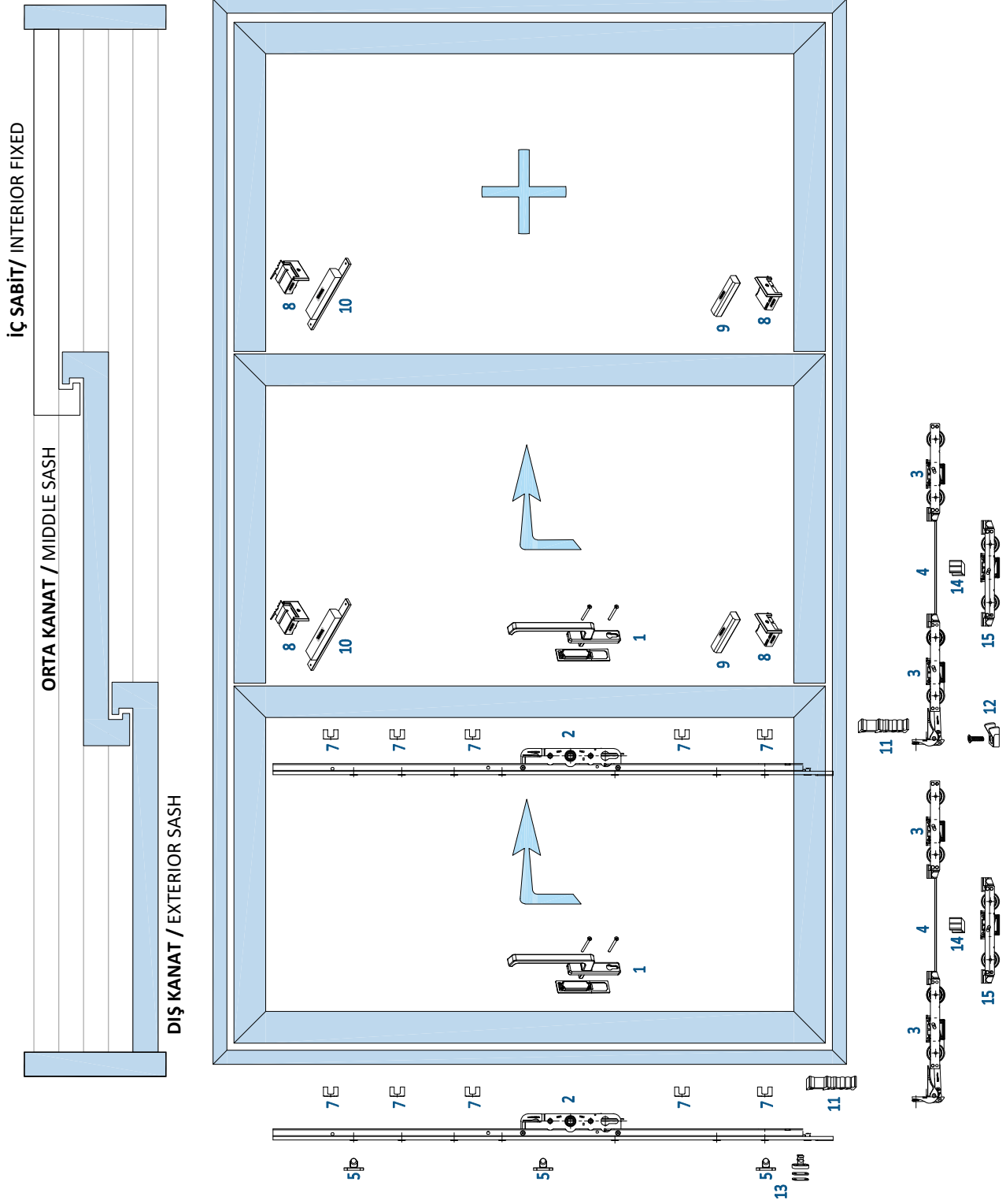
TİP-1



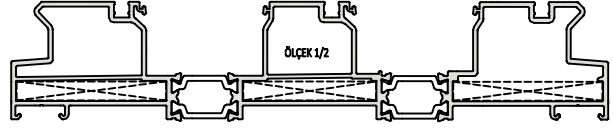
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



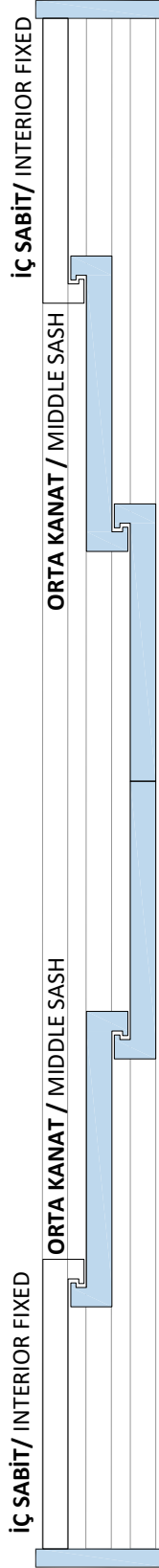
S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-103 KASA TİP-1)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-1
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	3
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	3
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	3
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	3
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	6
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	15
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	4
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	3
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	1
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	3
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	3
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-



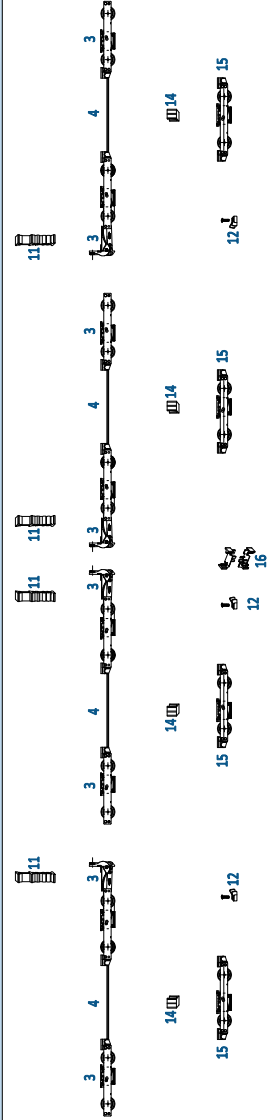
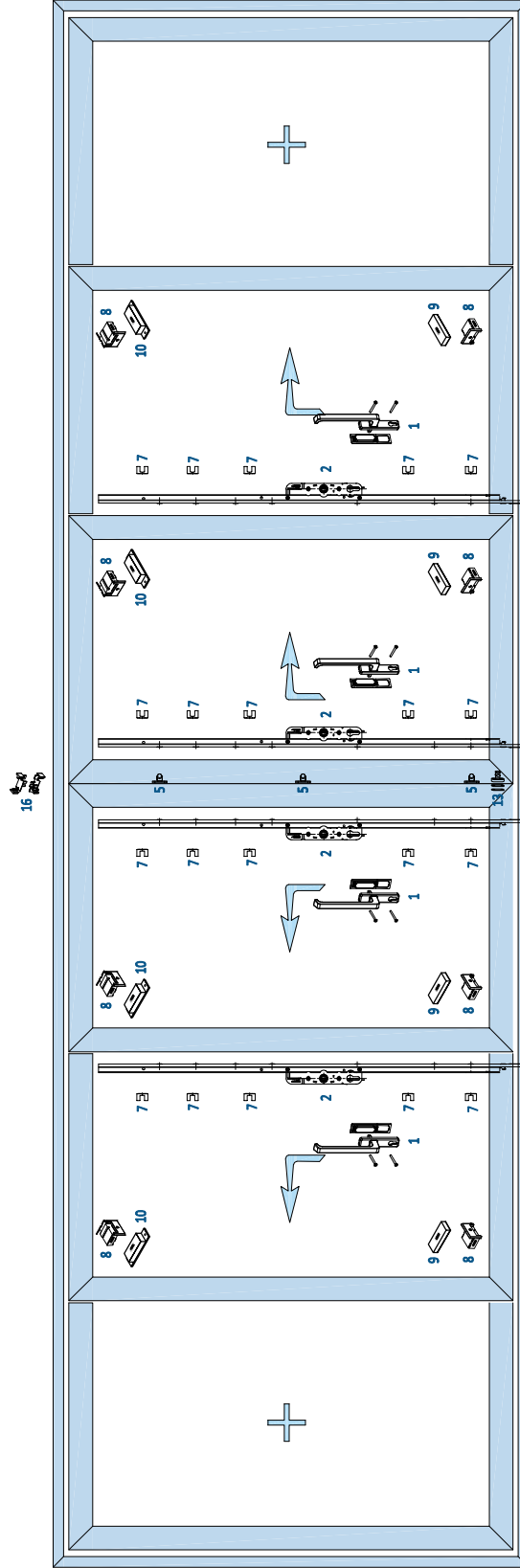
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



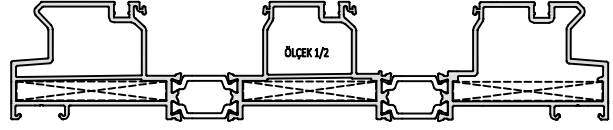
S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-103 KASA TİP-2)					
NO	TANIM	SİSTEM KODU	AÇIKLAMA	BİRİM	TİP-2
1	KOL	470132	/ 370132 HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133	/ 370133 HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134 HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135 HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136 HBSHB HAVUZ KOL	AD	
		470273	/ 370273 HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274 HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275 HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276 HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120 HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121	/ 370121 HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122 HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123 HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124 HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117 HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128	/ 370128 HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129	/ 370129 HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130 HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131 HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127 HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137 HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126	/ 370126 HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014	/ 380014 S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	4
9	ALT HAVA KESİCİ	490002	/ 390002 S3 SÜRME İKİLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490004	/ 390004 S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031 S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001 S3 SÜRME İKİLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490003	/ 390003 S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032 S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125 HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138	/ 370138 HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	1
13	HAVALANDIRMA KARŞILIK	460072	/ 360072 HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056 HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119	/ 370119 HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021	/ 350021 S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-



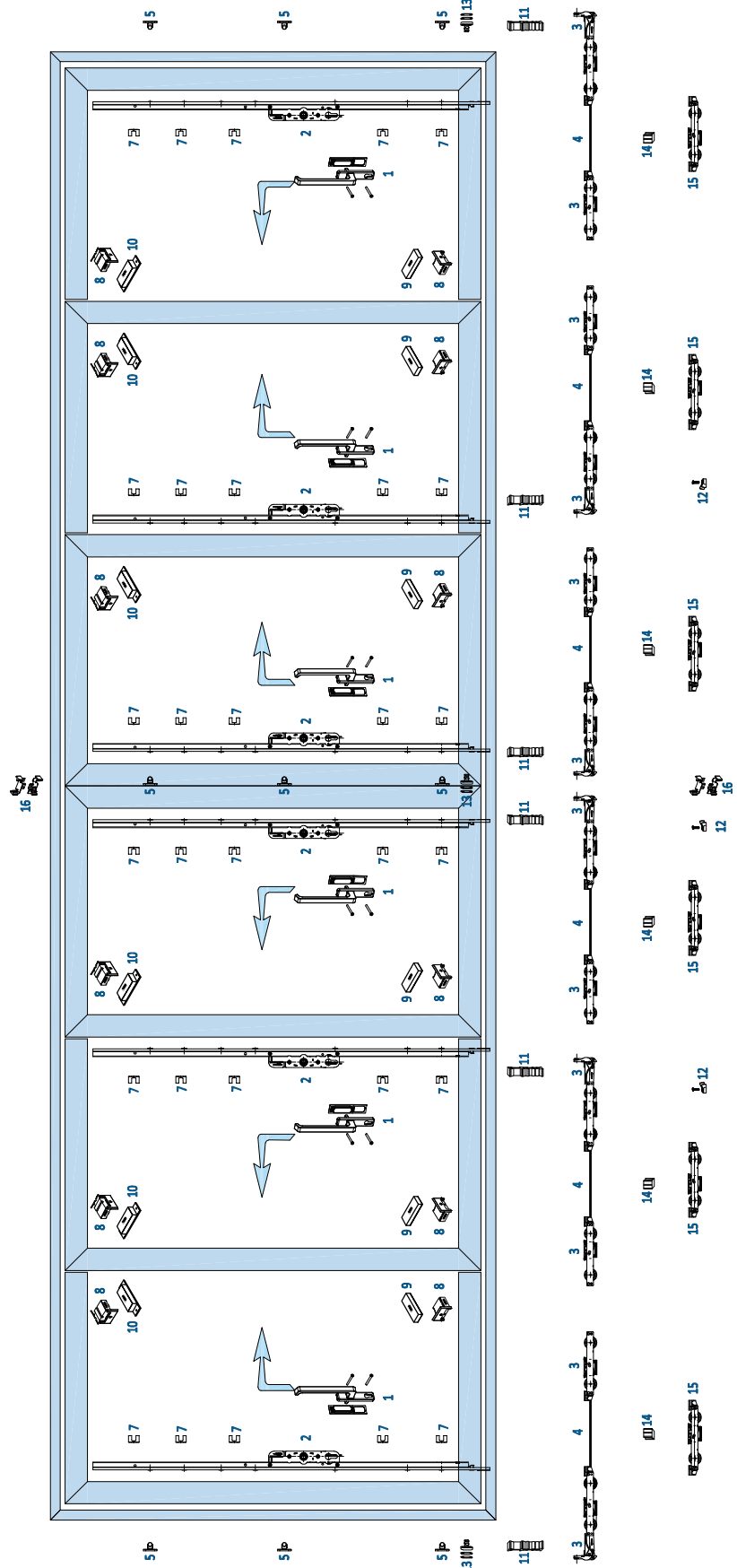
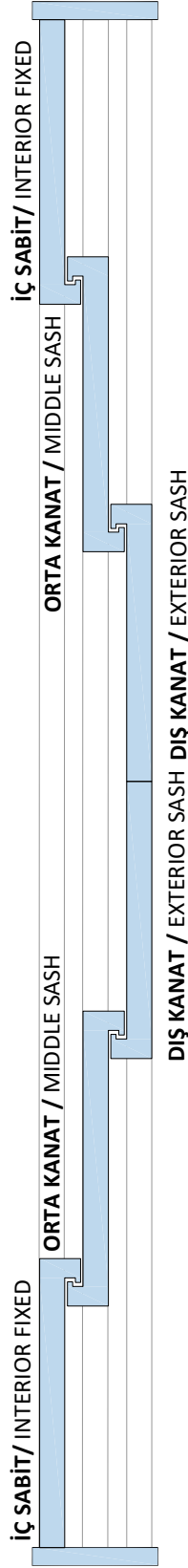
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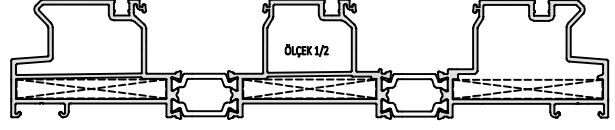
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



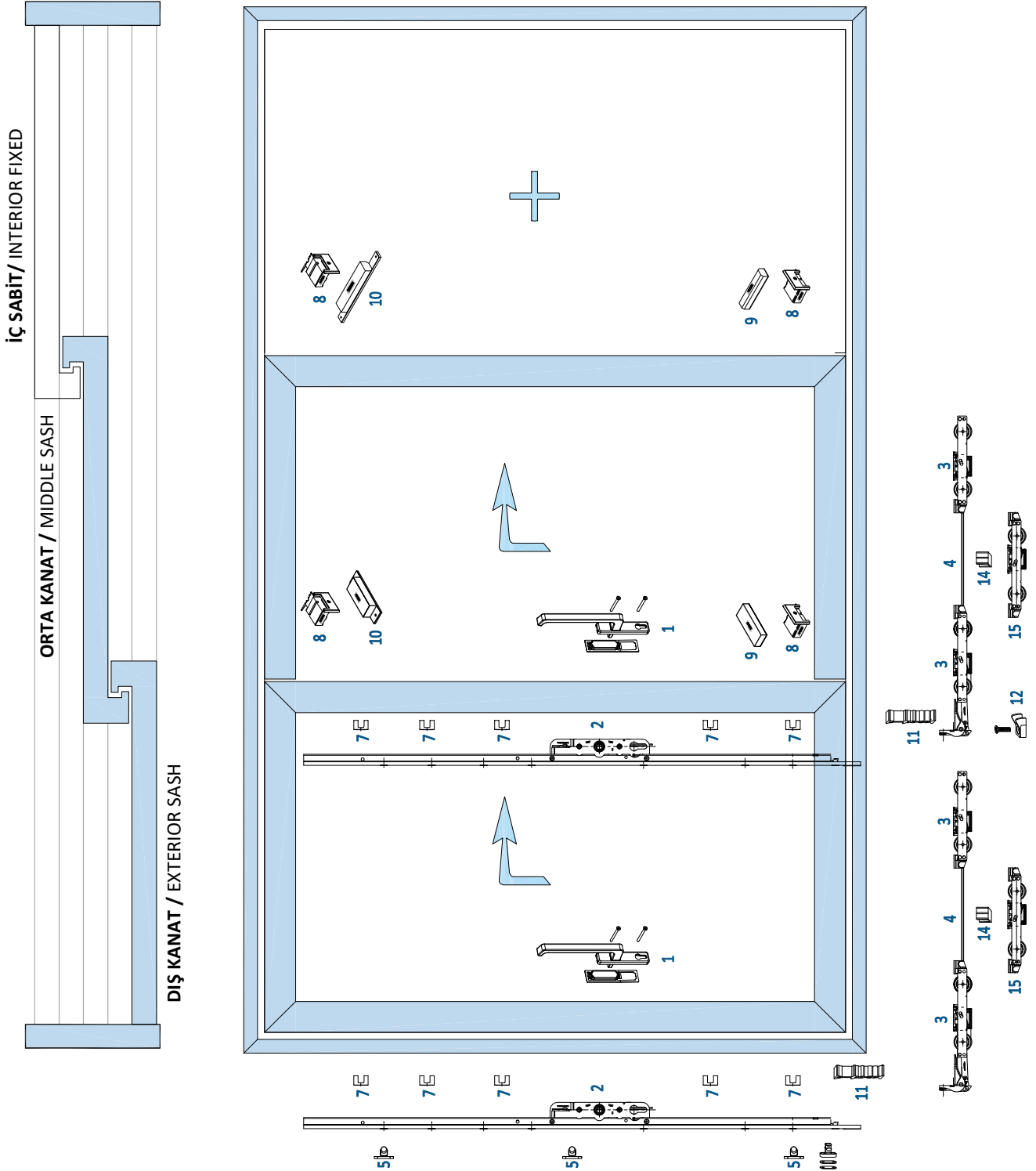
S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-103 KASA TİP-3)					
NO	TANIM	SİSTEM KODU	AÇIKLAMA	BİRİM	TİP-3
1	KOL	470132 / 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	4
		470133 / 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134 / 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135 / 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136 / 370136	HBSHB HAVUZ KOL	AD	
		470273 / 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274 / 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275 / 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276 / 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120 / 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	4
		470121 / 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122 / 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123 / 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124 / 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117 / 370117	HBSHB 300 KG ARABA SETİ	TK	4
4	ARABA BAĞLANTI	470128 / 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	4
		470129 / 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130 / 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131 / 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127 / 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137 / 370137	HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126 / 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	20
8	KENET PROFİL KAPAK	480014 / 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	8
9	ALT HAVA KESİCİ	490002 / 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	4
		490004 / 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031 / 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001 / 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	4
		490003 / 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032 / 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125 / 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	4
12	PASİF KANAT GÜVENLİK	470138 / 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	3
13	HAVALANDIRMA KARŞILIK	460072 / 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056 / 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	4
15	İLAVE ARABA	470119 / 370119	HBSHB İLAVE ARABA	AD	4
16	ORTA ADAPTOR TAPASI	450021 / 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	2



		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

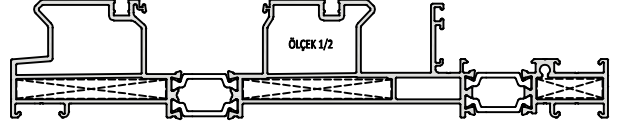


S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-103 KASA TİP-4)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-4
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	6
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	6
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	6
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	6
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	9
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	30
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	8
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	4
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	4
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	6
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	3
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	6
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	6
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	2



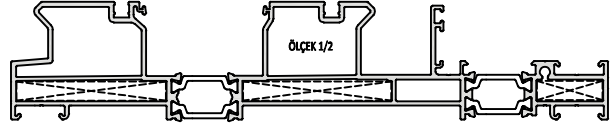
TİP-1

		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-104 KASA TİP-1)					
NO	TANIM	SİSTEM KODU	AÇIKLAMA	BİRİM	TİP-1
1	KOL	470132 / 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133 / 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134 / 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DİŞ	AD	
		470135 / 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DİŞ	AD	
		470136 / 370136	HBSHB HAVUZ KOL	AD	
		470273 / 370273	HBSHB KOL TAKIMI İÇ MAÇALI DİŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274 / 370274	HBSHB KOL TAKIMI İÇ MAÇALI DİŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275 / 370275	HBSHB KOL TAKIMI İÇ / DİŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276 / 370276	HBSHB KOL TAKIMI İÇ / DİŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120 / 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121 / 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122 / 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123 / 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124 / 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117 / 370117	HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128 / 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129 / 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130 / 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131 / 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127 / 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137 / 370137	HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126 / 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014 / 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	4
9	ALT HAVA KESİCİ	490002 / 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	1
		490004 / 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	1
		490031 / 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001 / 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	1
		490003 / 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	1
		490032 / 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125 / 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138 / 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	1
13	HAVALANDIRMA KARŞILIK	460072 / 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056 / 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119 / 370119	HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021 / 350021	S3-S01 ORTA ADAPTOR PROFİL TAPASI	AD	-

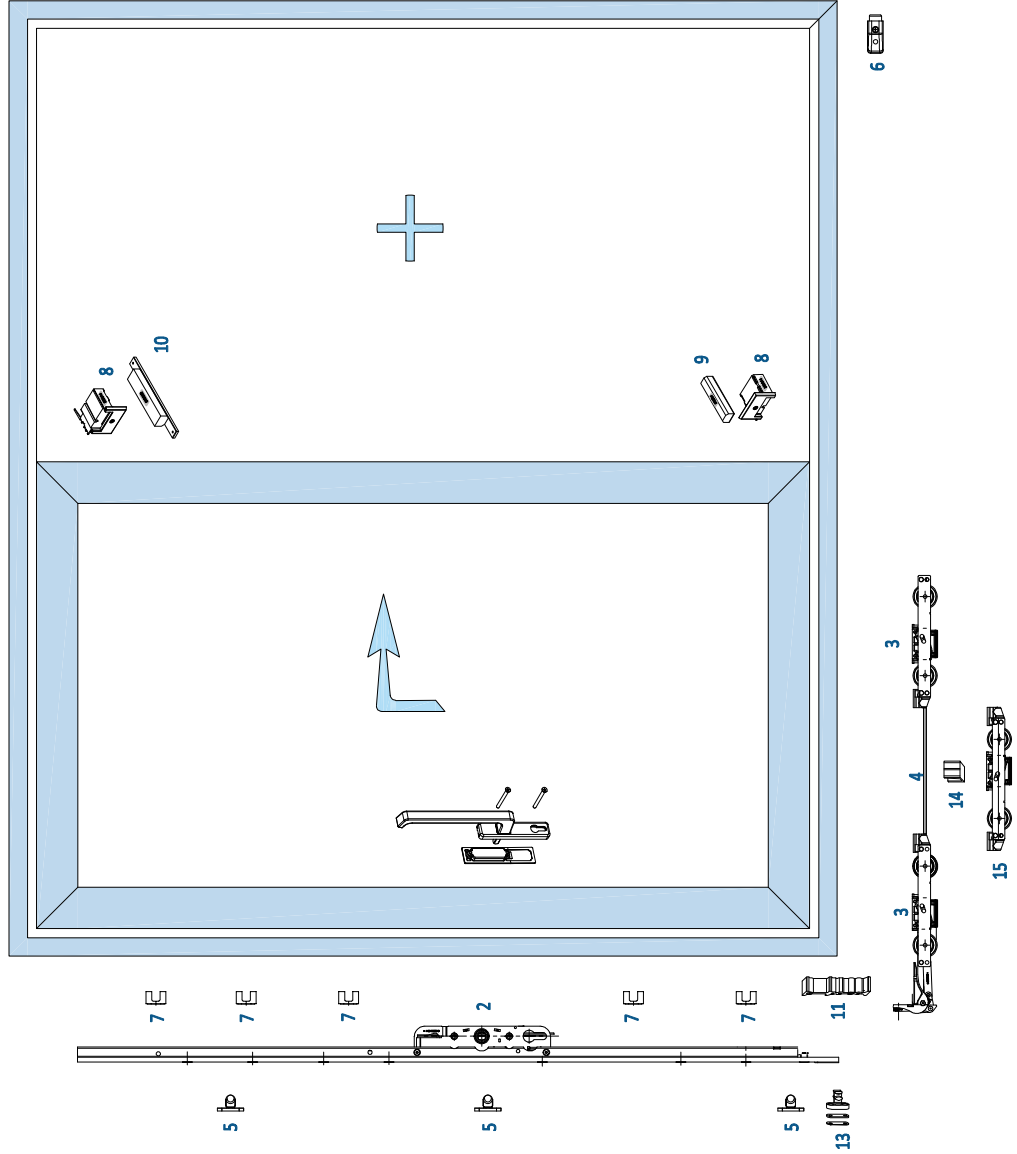
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-104 KASA TİP-2)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-2
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	4
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	4
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	4
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	4
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	20
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	8
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	4
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	3
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	4
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	4
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	2

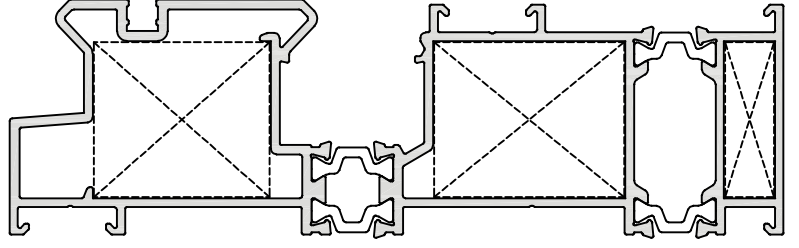
DIŞ KANAT / EXTERIOR SASH

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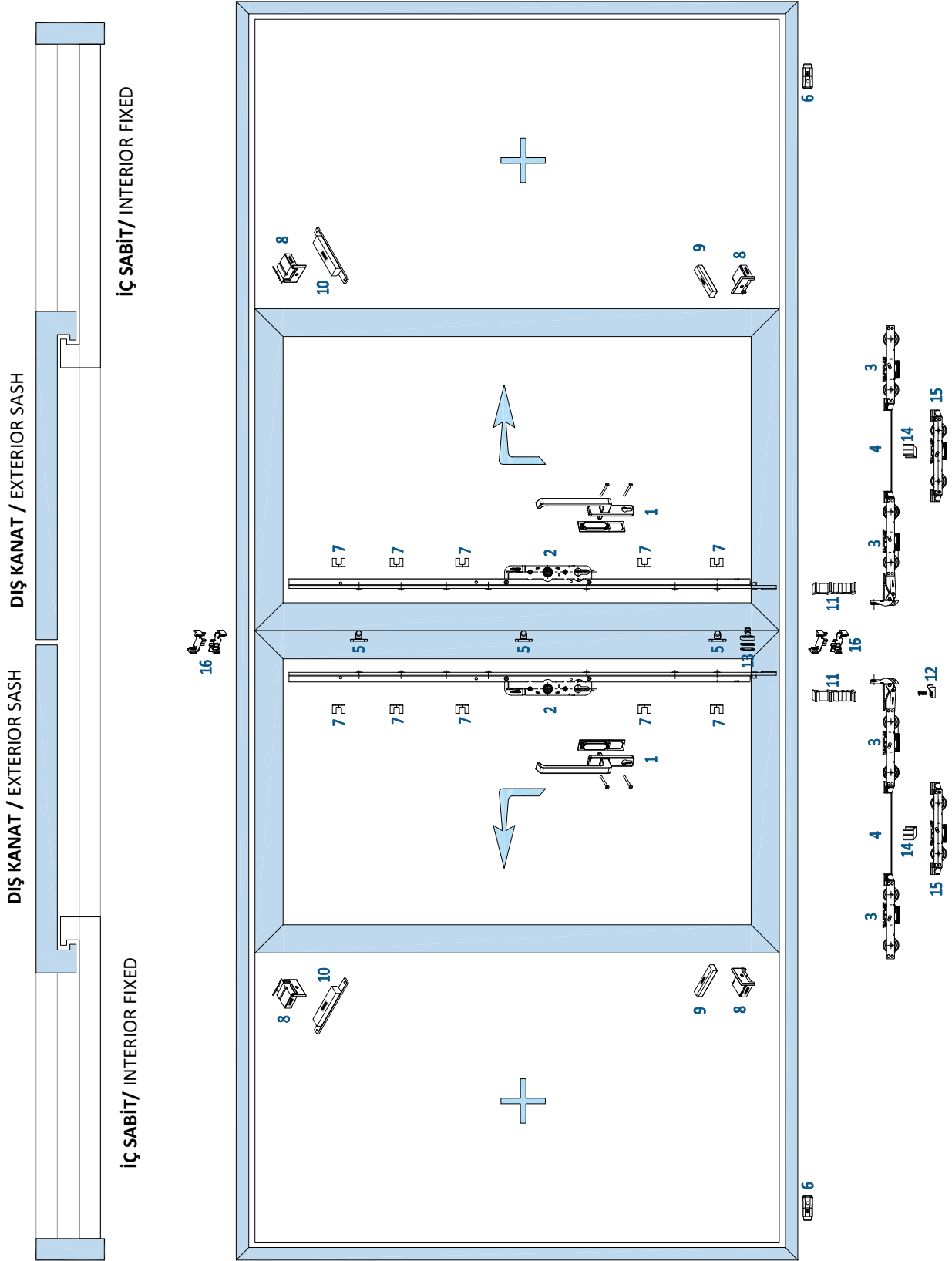


TİP-1

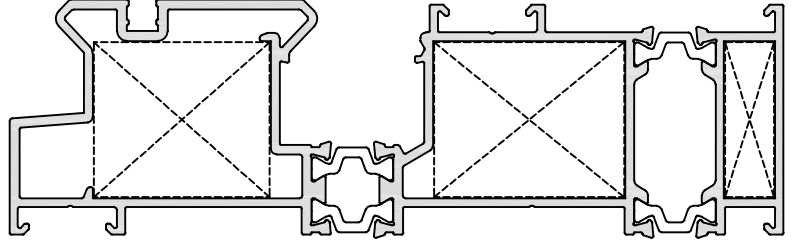
		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-105 KASA TİP-1)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-1
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	1
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	1
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	1
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	1
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	1
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	5
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	1
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKİLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	1
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKİLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	1
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	1
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	1
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	1
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-



		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

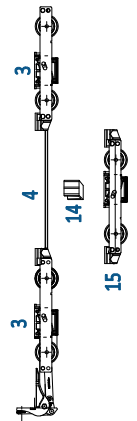
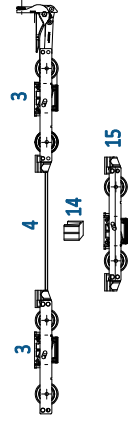
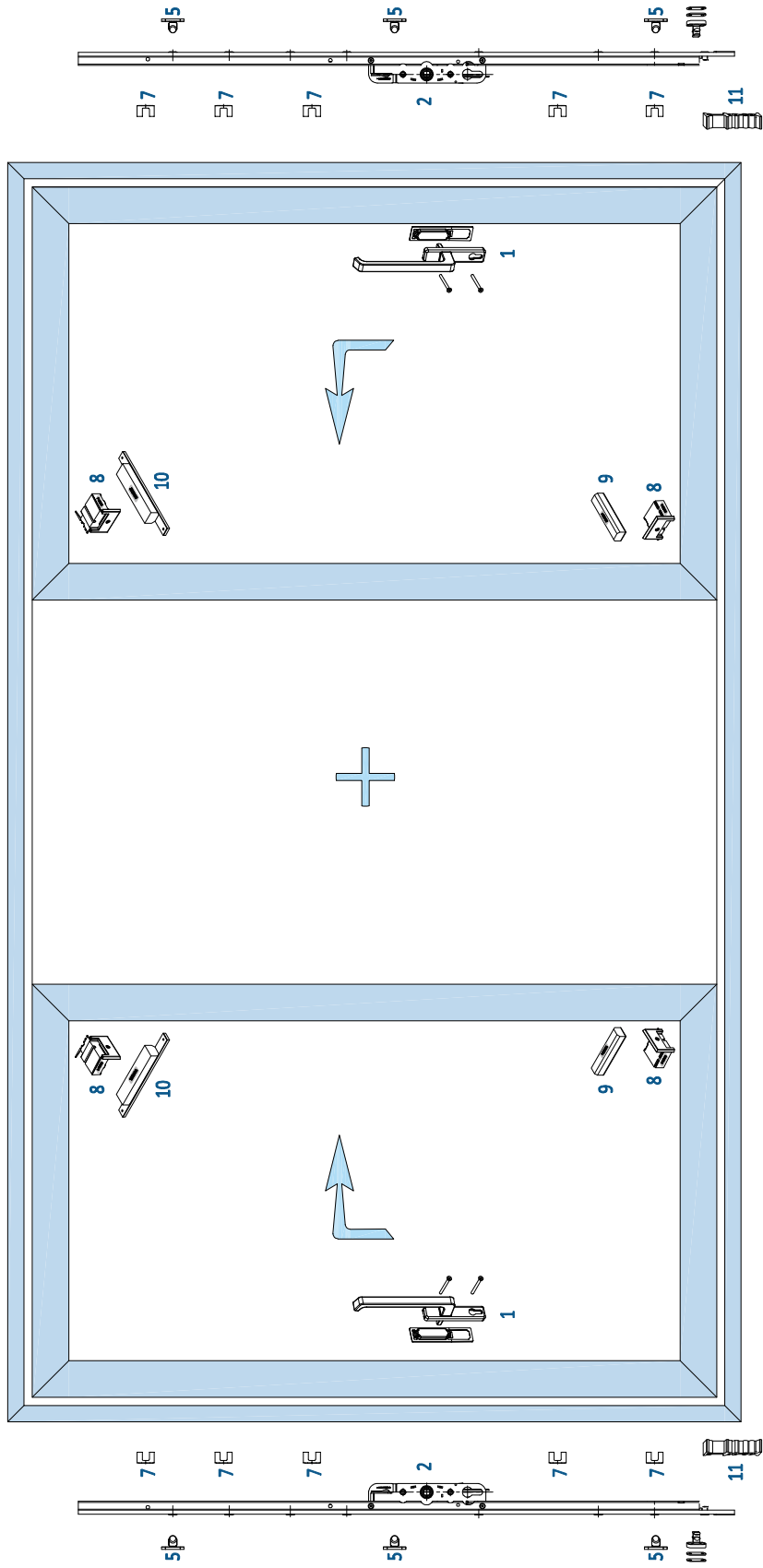


S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-105 KASA TİP-2)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-2
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	2
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	2
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	1
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-

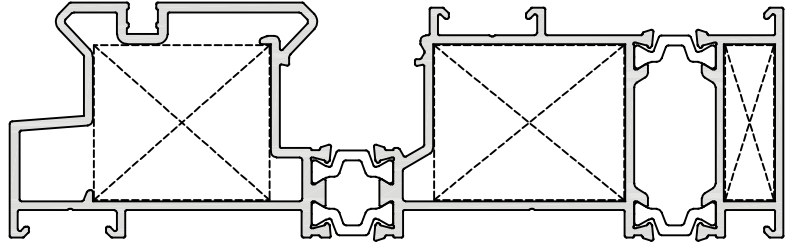
DIŞ KANAT / EXTERIOR SASH

DIŞ KANAT / EXTERIOR SASH

İÇ SABİT / INTERIOR FIXED

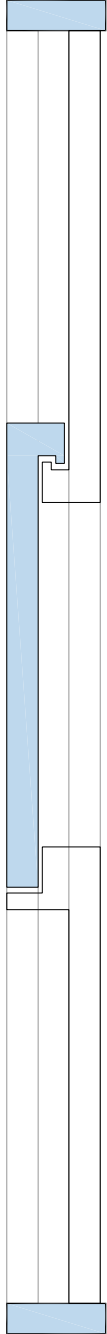


		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20



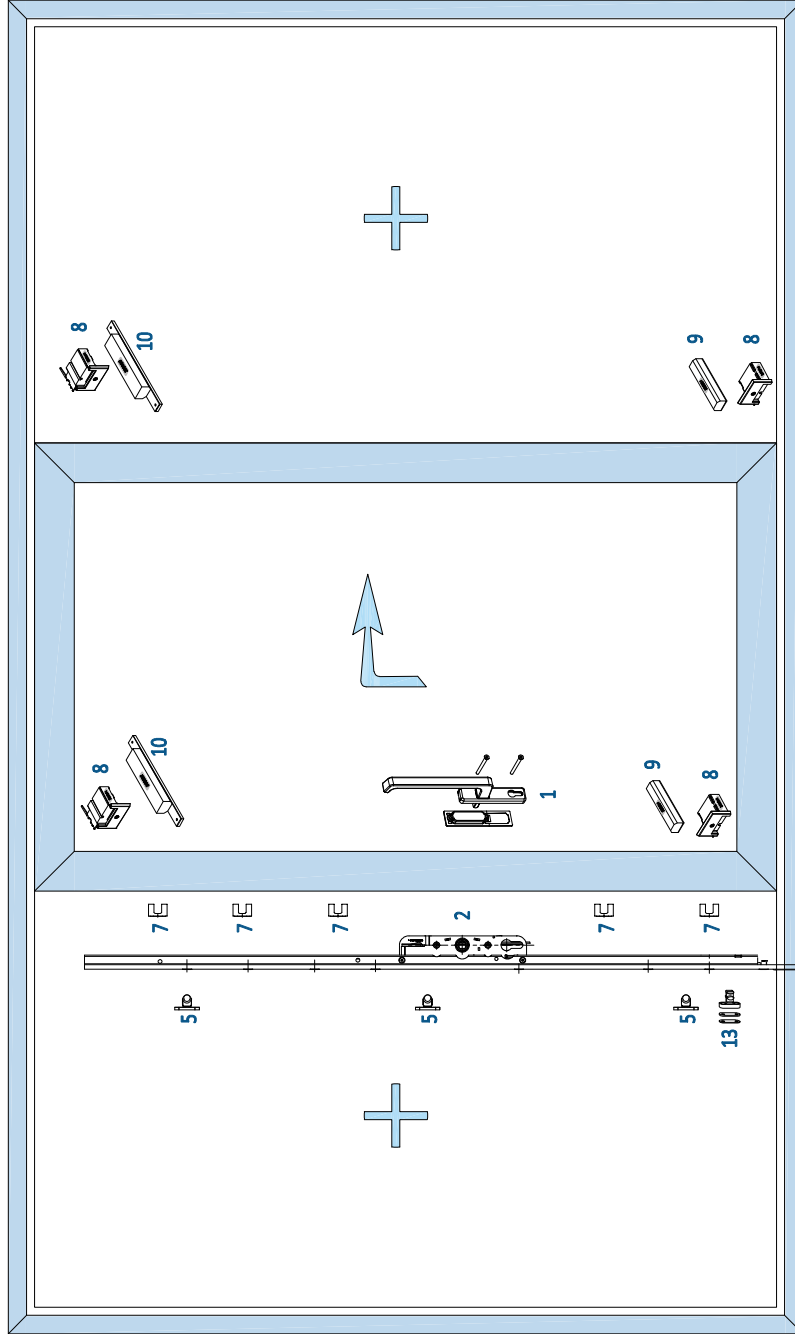
S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-105 KASA TİP-3)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-3
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	2
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	2
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	2
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	2
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	6
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	-
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	10
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	2
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	2
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	2
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	2
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	2

DIŞ KANAT / EXTERIOR SASH



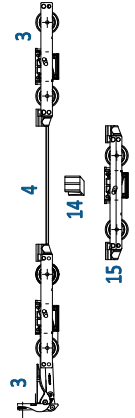
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İÇ SABİT/ INTERIOR FIXED

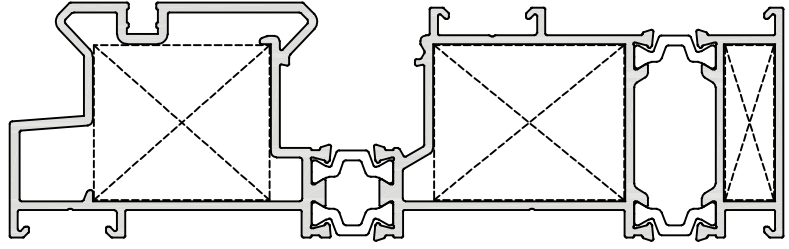


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11



		KANAT GENİŞLİĞİ			
	H \ W	720-1000	1001-1500	1501-2000	2001-3000
KANAT YÜKSEKLİĞİ	750-1299	1	2	3	4
	1300-1799	5	6	7	8
	1800-2299	9	10	11	12
	2300-2699	13	14	15	16
	2700-3200	17	18	19	20

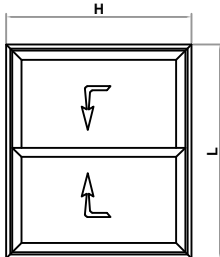


S3 HBSHB AKSESUAR TİP İÇERİKLERİ (S3-105 KASA TİP-4)						
NO	TANIM	SİSTEM KODU		AÇIKLAMA	BİRİM	TİP-4
1	KOL	470132	/ 370132	HBSHB BÜYÜK KOL BAREL DELİKSİZ İÇ	AD	1
		470133	/ 370133	HBSHB BÜYÜK KOL BAREL DELİKLİ İÇ	AD	
		470134	/ 370134	HBSHB BÜYÜK KOL BAREL DELİKSİZ DIŞ	AD	
		470135	/ 370135	HBSHB BÜYÜK KOL BAREL DELİKLİ DIŞ	AD	
		470136	/ 370136	HBSHB HAVUZ KOL	AD	
		470273	/ 370273	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKLİ	AD	
		470274	/ 370274	HBSHB KOL TAKIMI İÇ MAÇALI DIŞ HAVUZ KOL BAREL DELİKSİZ	AD	
		470275	/ 370275	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKLİ	AD	
		470276	/ 370276	HBSHB KOL TAKIMI İÇ / DIŞ MAÇALI KOL BAREL DELİKSİZ	AD	
2	İSPANYOLET	470120	/ 370120	HBSHB 37.5 AKS İSPANYOLET 1. BOY	AD	1
		470121	/ 370121	HBSHB 37.5 AKS İSPANYOLET 2. BOY	AD	
		470122	/ 370122	HBSHB 37.5 AKS İSPANYOLET 3. BOY	AD	
		470123	/ 370123	HBSHB 37.5 AKS İSPANYOLET 4. BOY	AD	
		470124	/ 370124	HBSHB 37.5 AKS İSPANYOLET 5. BOY	AD	
3	ARABA	470117	370117	HBSHB 300 KG ARABA SETİ	TK	1
4	ARABA BAĞLANTI	470128	/ 370128	HBSHB ARABA BAĞLANTI ÇUBUĞU 1500 MM	AD	1
		470129	/ 370129	HBSHB ARABA BAĞLANTI ÇUBUĞU 2000 MM	AD	
		470130	/ 370130	HBSHB ARABA BAĞLANTI ÇUBUĞU 2500 MM	AD	
		470131	/ 370131	HBSHB ARABA BAĞLANTI ÇUBUĞU 3200 MM	AD	
5	KARŞILIK	470127	/ 370127	HBSHB İSPANYOLET PİMİ (KARŞILIK)	AD	3
6	STOPER	470137	/ 370137	HBSHB KANAT STOPERİ	AD	1
7	İSPANYOLET DESTEK	470126	/ 370126	HBSHB İSPANYOLET DESTEK PARÇASI 16 MM	AD	5
8	KENET PROFİL KAPAK	480014	/ 380014	S3 SÜRME KENET PROFİLİ ALT-ÜST KAPAK TAKIMI	TK	2
9	ALT HAVA KESİCİ	490002	/ 390002	S3 SÜRME İKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490004	/ 390004	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	-
		490031	/ 390031	S3 SÜRME TEKLİ RAY ALT HAVA KESİCİ EVA SÜNGER	AD	2
10	ÜST HAVA KESİCİ	490001	/ 390001	S3 SÜRME İKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490003	/ 390003	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	-
		490032	/ 390032	S3 SÜRME TEKLİ RAY ÜST HAVA KESİCİ YUMUŞAK SÜNGER	AD	2
11	ARABA DESTEK	470125	/ 370125	HBSHB ARABA DESTEK PARÇASI 16 MM	AD	1
12	PASİF KANAT GÜVENLİK	470138	/ 370138	HBSHB PASİF KANAT ALT GÜVENLİK KARŞILIĞI	AD	-
13	HAVALANDIRMA KARŞILIK	460072	/ 360072	HBSHB HAVALANDIRMALI KARŞILIK	AD	OP
14	MİL YATAKLAMA	450056	/ 350056	HBSHB MİL YATAKLAMA PARÇASI	AD	1
15	İLAVE ARABA	470119	/ 370119	HBSHB İLAVE ARABA	AD	1
16	ORTA ADAPTOR TAPASI	450021	/ 350021	S3-501 ORTA ADAPTOR PROFİL TAPASI	AD	-

İMALAT KESİM ÖLÇÜLERİ FABRICATION CUTTING SIZES

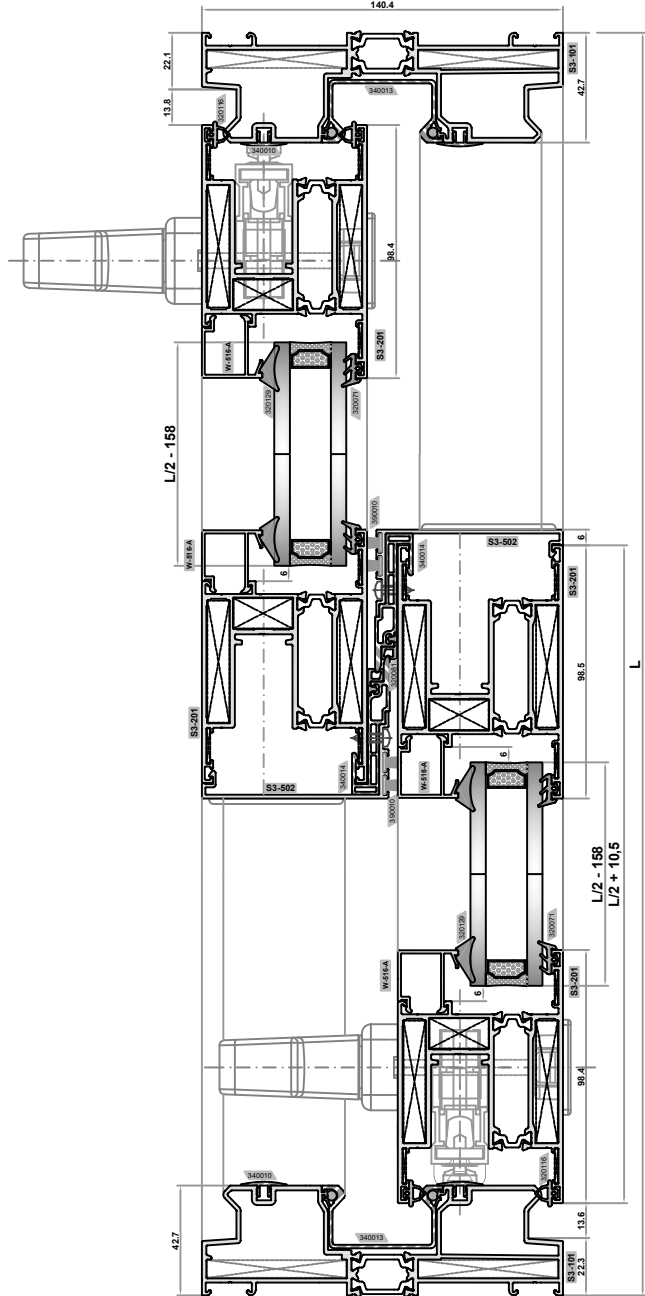
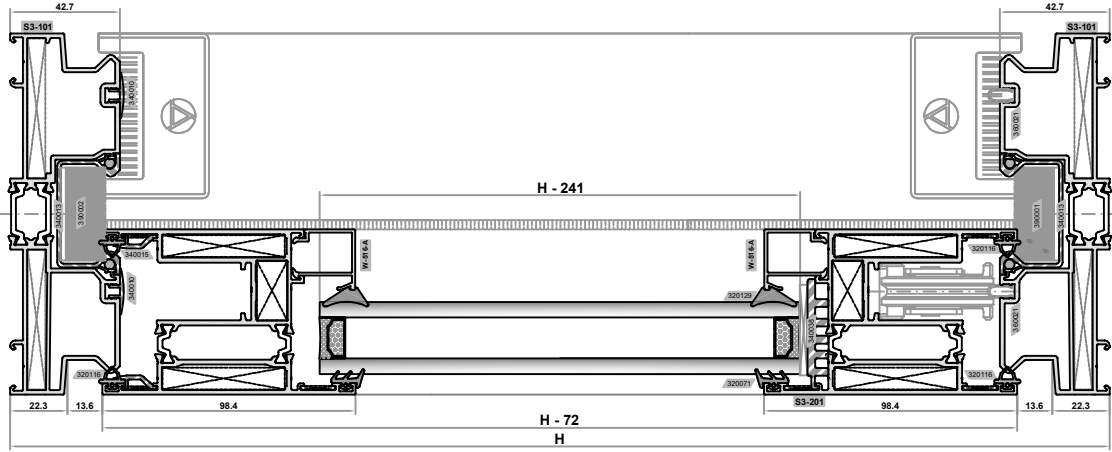
► SİSTEM ALÜMİNYUM® KATALOG İÇERİSİNDEKİ VERİLERDE DÜZELTME VEYA DEĞİŞİKLİK YAPMA HAKKINA SAHİPTİR.
SİSTEM ALÜMİNYUM® HAS THE RIGHTS TO MAKE CORRECTION OR MODIFICATION IN THE CATALOGUE DATA.

ÇİFT KANATLI KALDIR&SÜR SİSTEMİ DOUBLE SASH LIFT&SLIDE SYSTEM

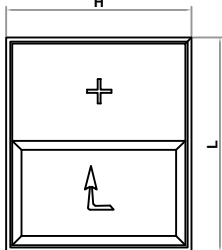


PROFİLER / PROFILES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
2	S3-101	DÜŞYER KASA / VERTICAL FRAME	H - 457/452"
2	S3-102	YATAY KASA / HORIZONTAL FRAME	L - 457/452"
4	S3-201	DÜŞYER KANAT / VERTICAL UNIT	H - 72
4	S3-202	YATAY KANAT / HORIZONTAL UNIT	L/2 + 30,5
4	W-516-A	DÜŞYER ÇAM OTASI / VERT. GLAZING BRAD	H - 268,6
4	W-516-A	YATAY ÇAM OTASI / HORIZ. GLAZING BRAD	L/2 - 146
2	S3-502	KENET KASNAK BİRLİĞİ / CLAMP CAPRI	H - 72

AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
2	30008	KANATLI SÜR SETİ / LIFT AND SLIDE KIT	-
-	320116	KANAT BİMLİ FİTİLİ / SASH STEP GASKET	4L + 4H
-	320171	DİŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 4H
-	320129	İÇ KAMA FİTİLİ / INNER GLAZING GASKET	2L + 4H
-	320081	KENET BİMLİ FİTİLİ / STEP GASKET FOR CLAMP	2H
-	320080	MERKEZ PVC SİSTİRMA FİTİLİ / CENTRAL PVC COMP. GASKET	4L + 4H
-	340013	KENET YALITIM PVC / INSULATION PVC FOR CLAMP	2L + 2H
-	340014	RAY KANALI KAPAMA PASTİĞİ / RAIL CLOSER PASTIC	2H
-	340010	FİTİÇ FİTİLİ / WEATHER STRIP BRUSH	2L + 4H
1	340015	KANAT ÜST KİLAVİZ PVC / SASH TOP GUIDE PVC	-
1	340021	ÜST HAVA KESİCİ SİNGER / TOP AIR BREAKER SPONGE	-
1	340022	ALT HAVA KESİCİ SİNGER / BOTTOM AIR BREAKER SPONGE	-
2	340014	KENET KANAKI TAHHİM / CAP KIT FOR CLAMP	-
8	310166	KASA KÖŞE TAKICI / CORNER CLASP FOR FRAME	-
16	310285	KANAT KÖŞE TAKICI / CORNER CLASP FOR UNIT	-
8	310164	KANAT KÖŞE TAKICI / CORNER CLASP FOR UNIT	-
24	310112	KÖŞE ÇAVŞAĞI / CORNER ALIGNMENT	-
4	340022	TAMİRE KAPAK / REPAIRAGE SLIT COVER	-
2	340021	ÇELİK RAY / STEEL RAIL	-
4	340018	CAM ALTI DİSTEK PARÇASI / GLAZING SUPPORT PICE	-
4	470137	KANAT DÜBÜRLÜĞÜ / STOPPER FOR SASH	-

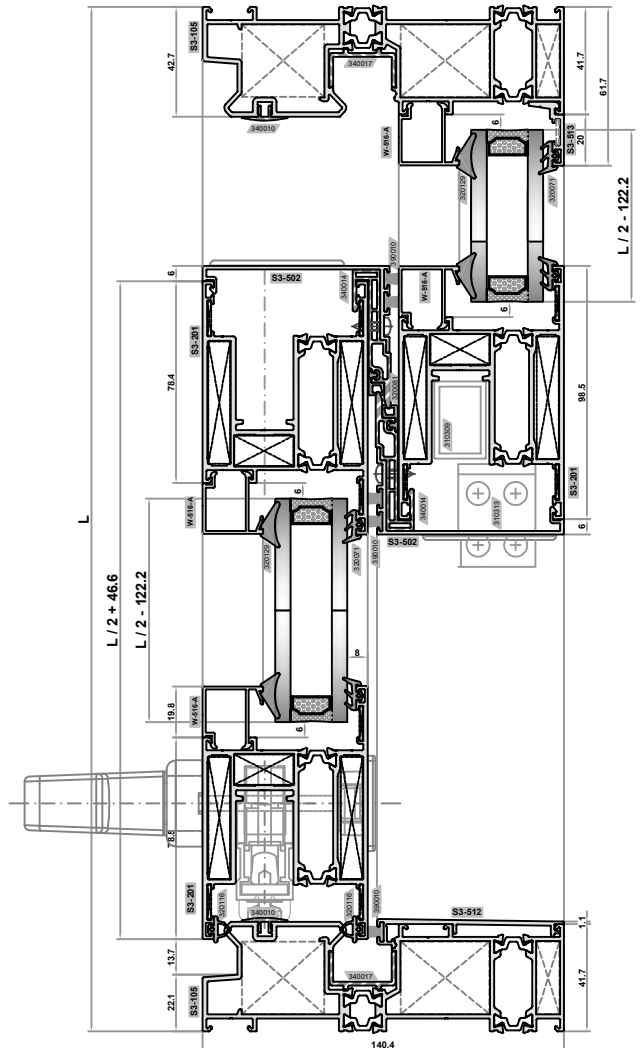
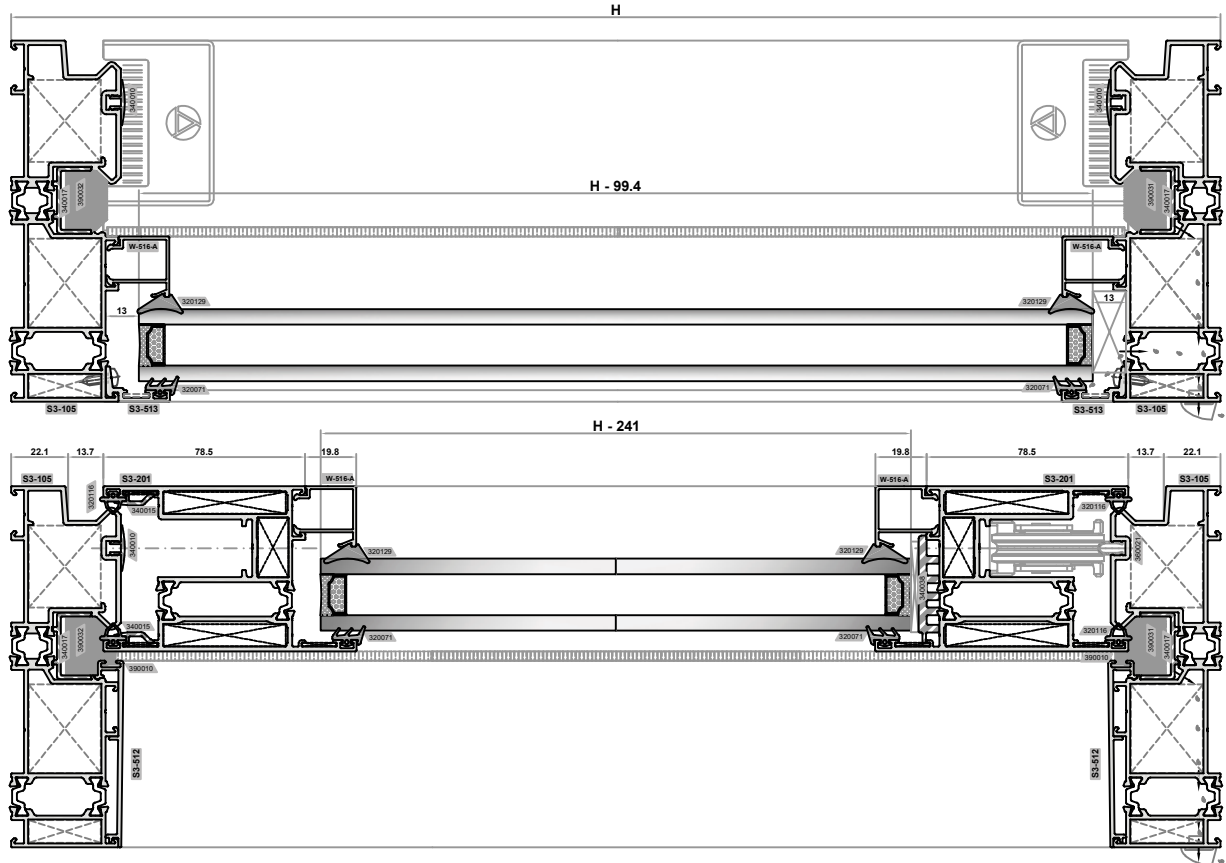


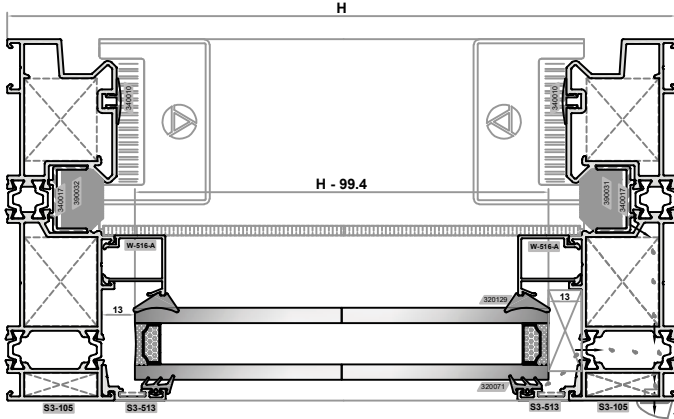
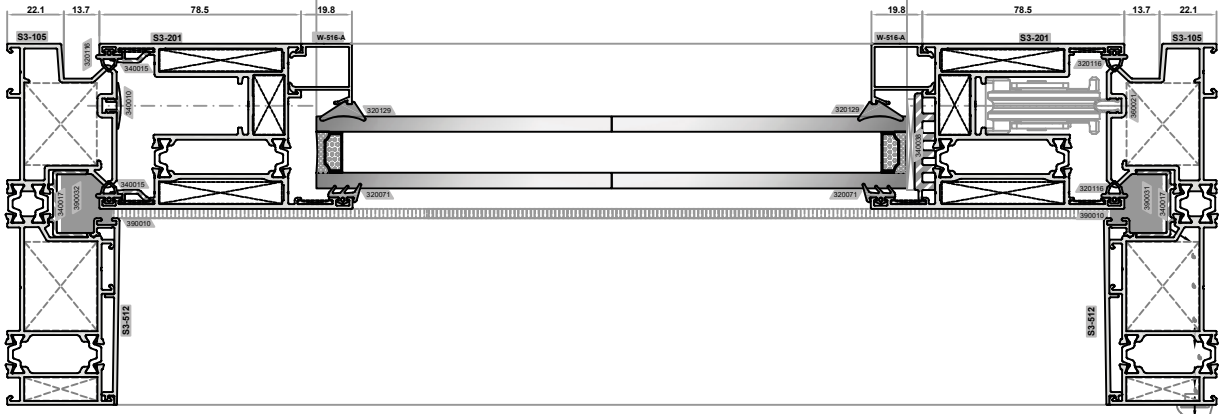
**SABİTLİ TEK KANATLI
YALITIMLI SÜRME KAPI**
ONE SIDE FIXED SINGLE SASH
INSULATED SLIDING DOOR DETAIL



KOD		ADET UNIT	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE		KESİM ACISI CUTTING ANGLE
53-100	53-101			H	H	
53-100	53-100	2	DOĞRU KASA / VERTICAL FRAME	L	45°/45°	90°/90°
53-101	53-101	2	YATAY KASA / HORIZONTAL FRAME	L	45°/45°	90°/90°
53-200	53-200	2	DOĞRU KANAT / VERTICAL UNIT	H	45°/45°	90°/90°
53-201	53-201	1	DOĞRU ORTA KANAT / VERTICAL PANORAM	H	72°	90°/90°
53-300	53-300	2	YATAY KANAT / HORIZONTAL UNIT	L	72°	90°/90°
53-512	53-512	2	DOĞRU KASA / İKİ YERLİ KANAT ÇAP	L/2 + 40,6	45°/45°	90°/90°
53-512	53-512	2	YATAY KASA / İKİ YERLİ KANAT ÇAP	H + 85,6	45°/45°	90°/90°
53-513	53-513	2	DOĞRU KASA / ÜÇ YERLİ KANAT ÇAP	L/2 - 51,6	45°/45°	90°/90°
53-513	53-513	2	YATAY KASA / ÜÇ YERLİ KANAT ÇAP	H + 123,4	45°/45°	90°/90°
53-513	53-513	2	SANİTAR ÇAM ÇİTAŞI / OUTLINE 6 GLAZED	L/2 - 130,3	45°/45°	90°/90°
53-516	53-516	2	DOĞRU ÇAM ÇİTAŞI / UNIT GLAZING 6/8	H - 208,6	45°/45°	90°/90°
W-516-A	W-516-A	2	YATAY ÇAM ÇİTAŞI / İKİ YERLİ GLAZING 6/8	H + 128	45°/45°	90°/90°
W-516-B	W-516-B	2	YATAY ÇAM ÇİTAŞI / ÜÇ YERLİ GLAZING 6/8	L/2 - 110,3	45°/45°	90°/90°
53-502	53-502	1	KENET KANAK / İKİ YERLİ ÇAMPIR ÇAP	H - 72	90°/90°	90°/90°
53-502	53-502	1	KENET KANAK / ÜÇ YERLİ ÇAMPIR ÇAP	H + 85,6	90°/90°	90°/90°

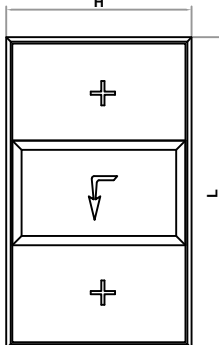
AKSESUARLAR / ACCESSORIES		KESİM ÖLÇÜSÜ CUTTING SIZE	
ADET UNIT	KOD CODE	TANIM DESCRIPTION	
1	300106	KAVİR SÜR. SETİ / LIFT AND SLID KIT	-
1	300116	WAGIR SÜR. SETİ / SAW STEP GAST	21 x 2H
-	300071	İYE ÇAMA FİTİLİ / DUFFLE GLAZING GABET	21 x 4H
-	300129	İÇ KAMA FİTİLİ / INNER GLAZING GABSET	21 x 4H
-	300281	KEMET FİTİLİ / STEP GABSET FOR CLAMP	2H
-	300282	KEMET FİTİLİ / STEP GABSET FOR CLAMP	2H
-	340017	MERKEZ KAVİL PVC / CENTRAL CHANNEL PVC	21 x 2H
-	340018	KEMET YALTIM PVC / INSULATION FOR CLAMP	2H
-	340010	RAY KAMALI KAVİTASYON KAVİTÖR / RAIL CLOSER PLASTIC	
-	390010	FİKE ATELE / WEATHER STRIP BRUSH	5H x L
-	340015	KAVİT ÜSTİ REZİNE PVC / SASH TOP GUIDANCE PVC	-
1	390003	ÜST HAVLA REÇELİ SÜNGER / TOP AIR BREAKER SPONGE	-
1	390004	ALT HAVLA REÇELİ SÜNGER / BOTTOM AIR BREAKER SPONGE	-
1	390011	KEMET KAVİTİ / TANKIN / CAP UTİ FOR CLAMP	-
4	310310	KASA KOŞE TAÇI / CORNER GLAZI FOR FRAME	-
4	310311	KASA KOŞE TAÇI / CORNER GLAZI FOR FRAME	-
4	310312	KASA KOŞE TAÇI / CORNER GLAZI FOR FRAME	-
8	310285	KAVİT KOŞE TAÇI / CORNER GLAZI FOR VENT	-
4	310144	KAVİT KOŞE TAÇI / CORNER GLAZI FOR VENT	-
12	310112	KÖŞE ÇEVİRİ / CORNER ALIGNMENT	-
1	390021	TAYLIM KAVİTİ / DRAINAGE SLOT COVER	-
1	390022	ÇELİR RAY / STEEL RAY	-
2	340008	ÇAM ALTI DİSTER PAÇASI / GLAZING SUPPORT PACE	-
2	310090	ORTA KAVİTİ BAĞ. DİSTER / GLAZING CONNECTION	-
2	310313	ORTA KAVİTİ BAĞ. KÖŞEBİTİR / TANSİON CON. BRACKET	-
2	310343	ORTA KAVİTİ BAĞLANTISI / TANSİON CONNECTION	-
2	470317	KEMET DUBURCUK / STOPPER FOR SASH	-



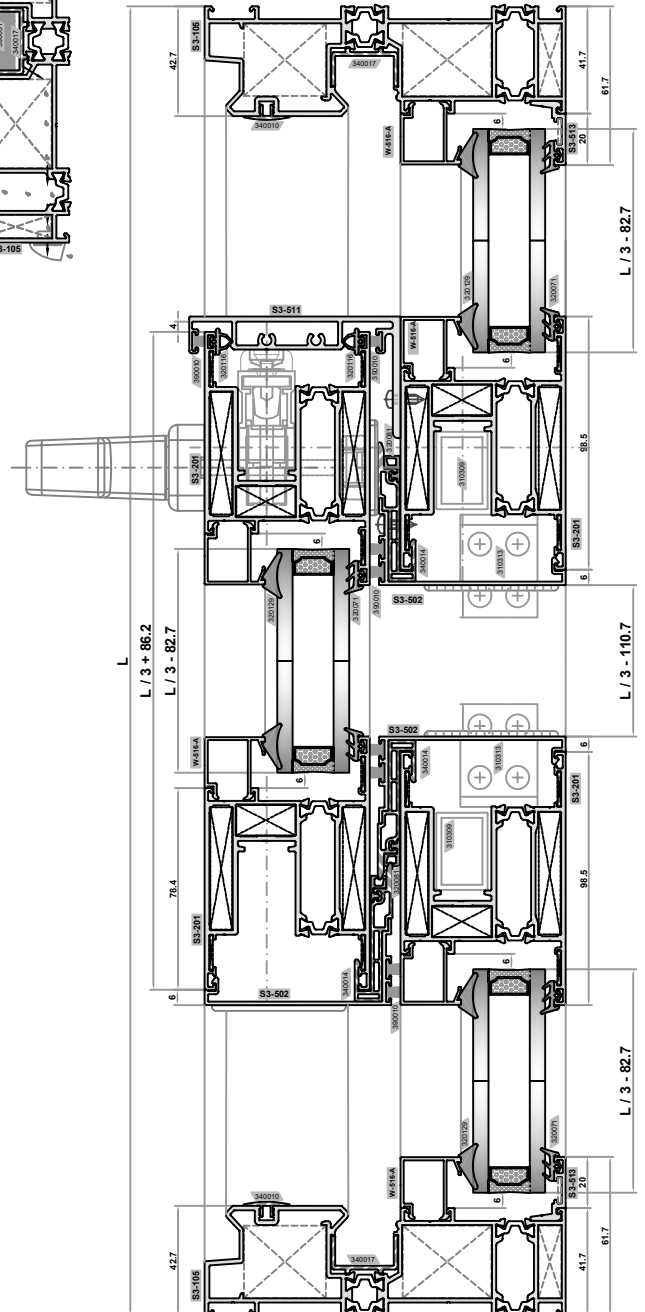


AKSESUAR/L ACCESSORIES		KESIMPULAN	
ADDET	KOD	TANJIM	KESIMPULAN
UNIT	CODE	DESCRIPTION	CUTTING SIZE
1	380089	VALDIN SLOK SETU / LIFT AND LIFT KIT	-
-	320310	KANAN BINI FETU / SAW STEP GASKET	4,0/3 - 2H
-	320071	DUG CAM FETU / OUTER GLAZING GASKET	2,1 - 6H
-	320329	I/C KANAN FETU / INNER GLAZING GASKET	2,1 - 6H
-	320381	KENETAN FETU / STEP GASKET FOR CLAMP	3H
-	340012	MERKOP SAKAL PVC / CENTRAL CHARGE PVC	2,1 - 2H
-	340013	KENETAN PUMP / INJECTION PUMP FOR CLAMP	3H
-	340014	KANAN KANAN KAPATAN / RAIL CLOSER PLASTIC	4,0/3 - 2H
-	340015	FIK ATEL / WEATHER STEP BRUSH	2,0/3 - 8H
-	340016	KANAN LOKI KANAN PVC / SAW TOP GUARANTEE PVC	-
2	390322	UJUT HANA KESIMPULAN / TOP AIR BREAKER SPRING	-
2	390031	ADIT HANA KESIMPULAN / BOTTOM AIR BREAKER SPRINKLER	-
-	380014	KENET KANAN TANJIM / CAP KIT FOR CLAMP	-
-	320320	KANAN KANAN KANAN / CORNER GASKET FOR FRAME	-
4	310310	KASA JOSE TANJIM / CORNER GASKET FOR FRAME	-
4	310311	KASA JOSE TANJIM / CORNER GASKET FOR FRAME	-
4	310312	KASA JOSE TANJIM / CORNER GASKET FOR FRAME	-
8	310285	KANAN JOSE TANJIM / CORNER GASKET FOR VENT	-
4	310144	KANAN JOSE TANJIM / CORNER GASKET FOR VENT	-
-	310312	KASA JOSE TANJIM / CORNER GASKET FOR FRAME	-
5	310022	TANJIM KANAN / FRAME SLOTT COVER	-
1	360211	CELIK RAY / STEEL RAIL	-
2	340018	CAM ALTI KESIMPULAN / GLAZING SUPPORT PIERCE	-
4	310303	ORTA KANT BAKI KESIMPULAN / TRANSDUCER SUPPORT PIERCE	-
4	310313	ORTA KANT BAKI KESIMPULAN / TRANSDUCER SUPPORT PIERCE	-
4	310343	ORTA KANT BAKI KESIMPULAN / TRANSDUCER SUPPORT PIERCE	-
2	470332	KANAN DUNGU KESIMPULAN / LOGGING SUPPORT PIERCE	-

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

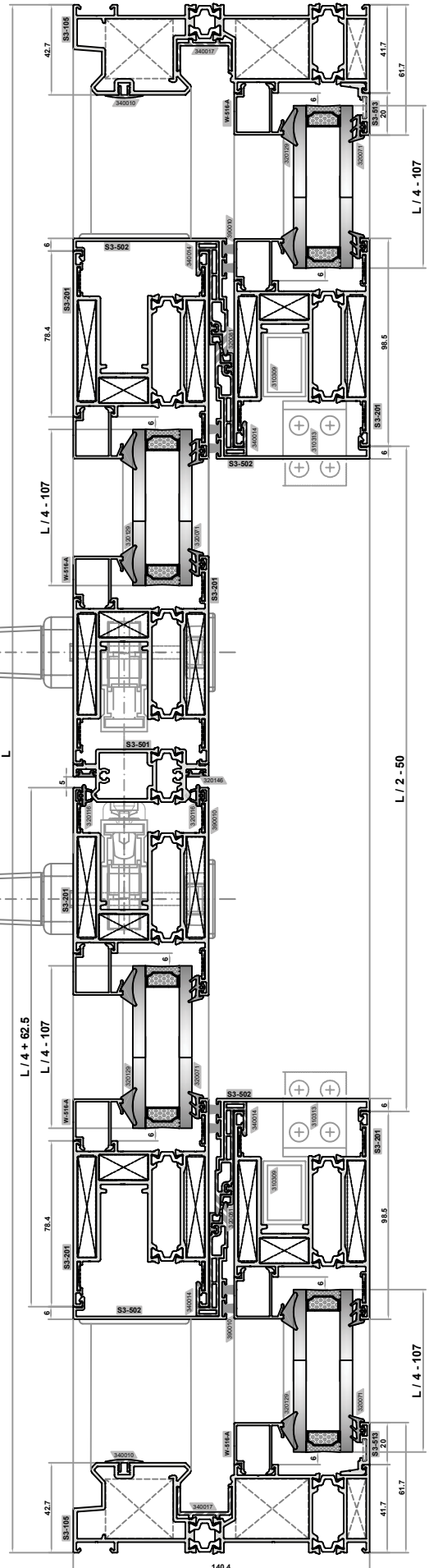


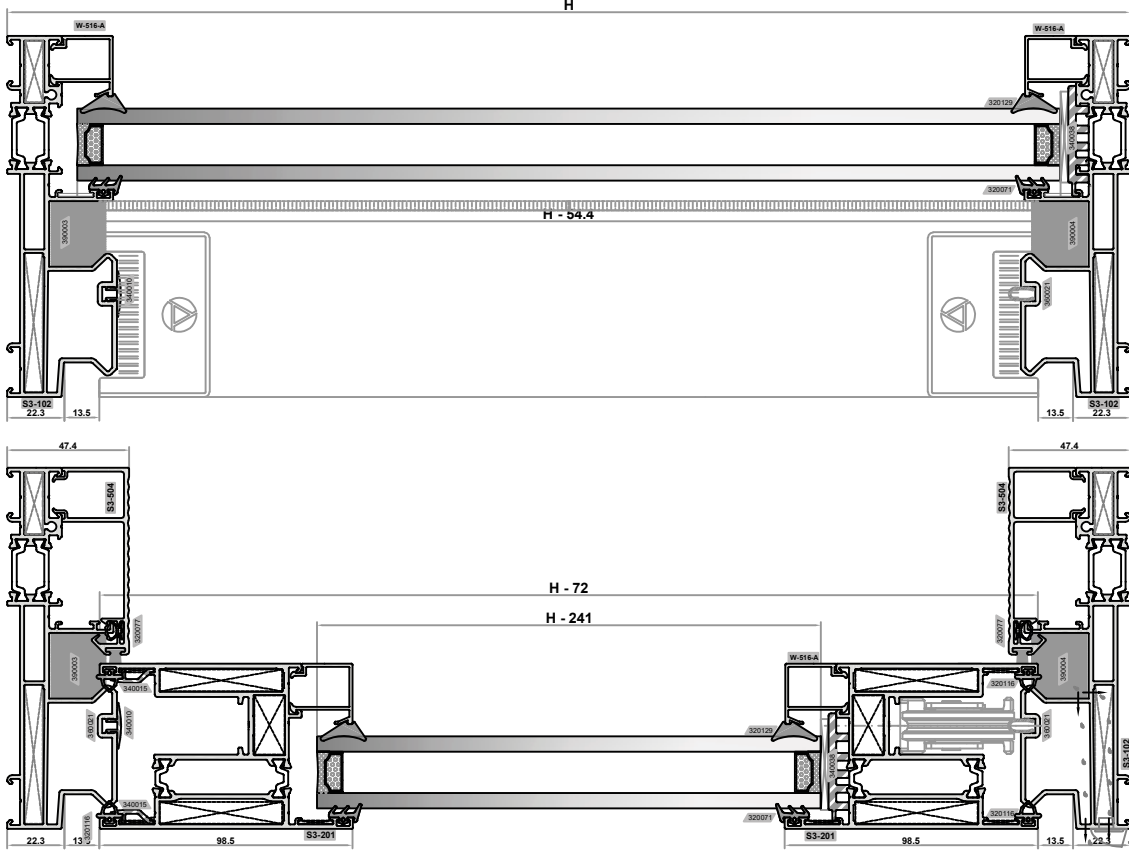
PROFİLER / PROFILES				
KOD UNIT	KOD CIRCUIT	TANIM DESCRIPTION	KESİM OLUŞUŞU CUTTING AREA	KESİM ACISI CUTTING ANGLE
2	S3-205	YATAY KASA / HORIZONTAL FRAME	H	45°/95°
2	S3-206	YATAY KASA / HORIZONTAL FRAME	H	45°/95°
2	S3-201	DÜŞEY KANAT / VERTICAL LIFT	H - 72	45°/95°
2	S3-201	DÜŞEY ORTA SAĞ / VERTICAL WINDOW	H - 73.4	90°/90°
2	S3-201	YATAY KANAT / HORIZONTAL FRAME	L/2 + 86.2	45°/95°
2	S3-512	YATAY KASA / HORIZ. FRAME CAP	L/2 - 122.7	90°/90°
2	S3-512	SABİT TİS KAM CİVASI / OUTER PIN GEAR	H - 123.4	90°/90°
2	S3-513	SABİT TİS KAM CİVASI / OUTER PIN GEAR	L/2 - 90.8	90°/90°
2	W-516-A	DÜŞEY KAM CİVASI / VERT. GLAZING GEAR	H - 248.6	90°/90°
4	W-516-A	DÜŞEY KAM CİVASI / VERT. GLAZING GEAR	H - 128	90°/90°
6	W-516-A	YATAY KAM CİVASI / HORIZ. GLAZING GEAR	L/2 - 70.7	90°/90°
1	S3-502	KETİLE KARKA RİGHİLİ / CLAMP CAPR.	H - 72	90°/90°
2	S3-502	KETİLE KARKA RİGHİLİ / CLAMP CAPR.	H - 85.6	90°/90°
2	S3-501	KİLİTLEME KAMPİROLU / LOCKING ADAPTER	H	90°/90°





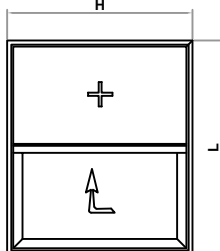
PROFİLER / PROFILES				TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM ACISI CUTTING ANGLE
KOD CODE	ADİT UNIT				H	45°/45°
S3-105	2	S3-105	DOĞRU KASALI / HORIZONTAL FRAME	L	45°/45°	
S3-201	4	S3-201	YATAY KASALI / HORIZONTAL FRAME	L	45°/45°	
S3-202	4	S3-202	DOĞRU DÜZ YATAY / VERTICAL UNIT	H-72	45°/45°	
S3-203	2	S3-203	DOĞRU DÜZ YATAY / VERTICAL FRAME	H-72xL	90°/90°	
S3-204	4	S3-204	YATAY KASALI / HORIZONTAL FRAME	L	45°/45°	
S3-512	2	S3-512	YATAY KASALI / HORIZONTAL FRAME CAP	L/4 + L/8	45°/45°	
S3-513	2	S3-513	SABİT DÜZ ÇIKIŞ / OUTER RIGID GLAZING	L/2 - 50	90°/90°	
S3-514	2	S3-514	SABİT DÜZ ÇIKIŞ / OUTER RIGID GLAZING	H-123xL	90°/90°	
S3-515	4	S3-515	SABİT DÜZ ÇIKIŞ / OUTER RIGID GLAZING	L/4 - 135	90°/90°	
W-516-A	4	W-516-A	DOĞRU ÇIKIŞ / VERTICAL GLAZING HEAD	H-268xL	90°/90°	
W-516-B	4	W-516-B	DOĞRU ÇIKIŞ / VERTICAL GLAZING HEAD	H-123	90°/90°	
W-516-C	8	W-516-C	DOĞRU ÇIKIŞ / VERTICAL GLAZING HEAD	L/4 - 86	90°/90°	
S3-502	2	S3-502	KESİT KARKA ÇIKIŞI / CHAMP CAPR.	H-72	90°/90°	
S3-503	2	S3-503	KESİT KARKA ÇIKIŞI / CHAMP CAPR.	H-85xL	90°/90°	
S3-504	1	S3-504	ORTA BİLEMLER / MIDDLE COM. AD.	H-115	90°/90°	



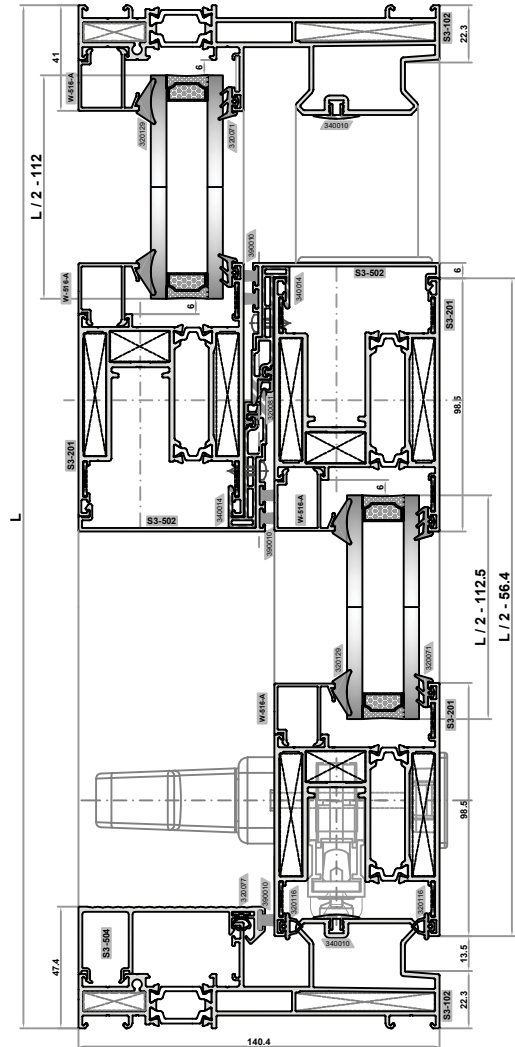


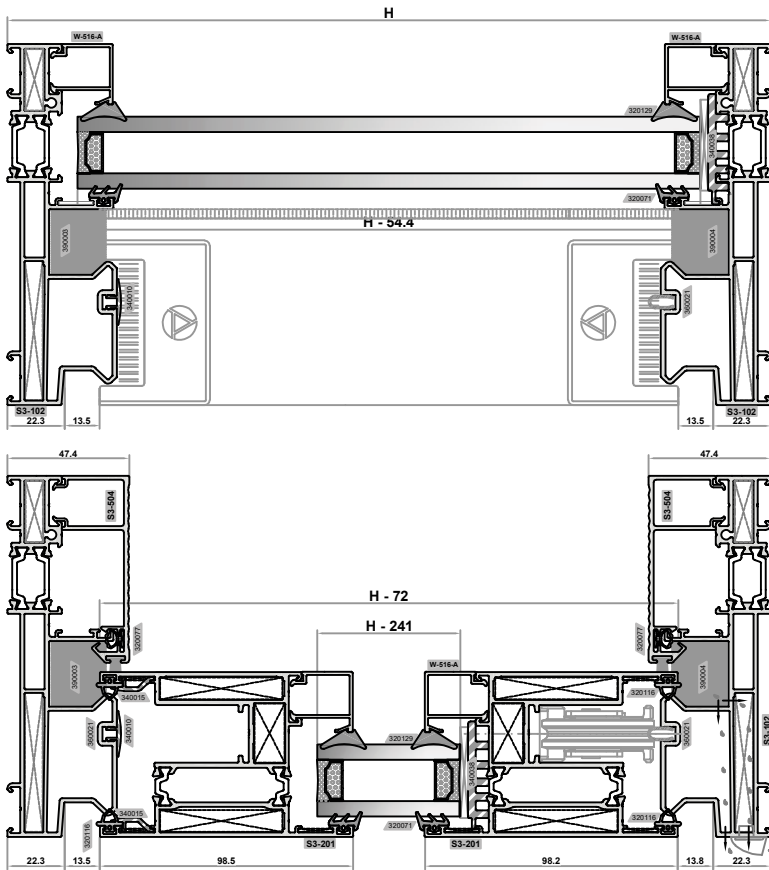
AKSESUAR/LAR / ACCESSORIES			TANIM	KUTUP ÖLÇÜSÜ CUTTING SIZE
ADET UNIT	KOD CODE	DESCRIPTION		
1	390000	MAJORE SÜB SETİ (LEFT AND RIGHT SET)	-	-
-	320116	MAJORE BİNA FİTİLİ / SASH STEP GLAZET	-	2L + 2H
-	320117	DİT CEM FİTİLİ / OUTER GLAZING GLAZET	-	2L + 4H
-	320119	İÇ KAMA FİTİLİ / INNER GLAZING GLAZET	-	2L + 4H
-	320081	KEMET BİNA FİTİLİ / STEP GLAZET FOR CAMP	-	2H
-	320077	SABİT LİPARK FİTİLİ / FIXED SIZE C4 GLAZET	-	2H
-	390014	KEMET YALITIMA PVC / INSULATION PVC FOR CAMP	-	2H
-	390010	RAK KAMALI KAMARINA KASTIRILIR / RAIL CLOSER PLASTIC	-	1 L + 2H
-	390010	FİKATİTİLİ / WEATHER STRIP BUSH	-	5H + L
1	390015	KAMAT DÜZ FİKATİTİLİ PVC / SASH TOP GUIDANCE PVC	-	-
1	390003	ÜST HAVA RESİNG SÜNGER / TOP AIR BREAKER SPONGE	-	-
1	390014	ÜST HAVA RESİNG SÜNGER / BOTTOM AIR BREAKER SPONGE	-	-
1	390014	KEMET KAPALI YALITIM / CSP RTT FOR CLAMP	-	-
4	310514	KASA KÖŞE TAKOZU / CORNER CLSAT FOR FRAME	-	-
4	310517	KASA KÖŞE TAKOZU / CORNER CLSAT FOR FRAME	-	-
8	310282	KAMAT KÖŞE TAKOZU / CORNER CLSAT FOR UNIT	-	-
4	310146	KAMAT KÖŞE TAKOZU / CORNER CLSAT FOR UNIT	-	-
16	310112	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-	-
3	390021	TANIRICI KAPALI / DRAINAGE SLOT COVER	-	-
1	390021	ÇELİK KAVI / STEEL RAIL	-	-
4	390028	CAM KAVI / SASH PIVOT / GLAZING SUPPORT PIVCE	-	-
2	310491	ORTA KAVI Tİ / BRACKET / TRANSDUCER CONNECTION	-	-
2	410737	ORTA KAVI Tİ / BRACKET / TRANSDUCER CONNECTION	-	-
2	410737	KAMAT DÜZBÜKÜMLÜ / STOPPER FOR SASH	-	-

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

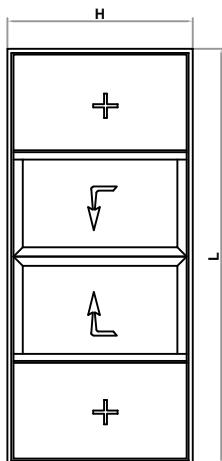


PROFILER / PROFILES				
ABUT UNIT	KOD CODE	TAKIM DESCRIPTION	KESIMAN CUTTING SIZE	KESIMAN CUTTING SIZE
2	S3-102	DUSY KASAL / VERTICAL PAKME	H	45°/95°
2	S3-102	DUSY KASAL / HORIZONTAL PAKME	L	45°/95°
2	S3-201	DUSY KASAM / VERTICAL VORT	H-72	45°/95°
1	S3-201	DUSY ORTAM / VERTICAL PAKSOM	H-42.4	90°/90°
2	S3-201	DUSY KASAM / HORIZONTAL VORT	L/2 - 56.8	45°/95°
2	S3-504	DUSY KASAM KODAM / VORT. PAKME CAP	H-95	90°/90°
2	S3-504	YATAY KASAL KODAM / HORT. PAKME CAP	L/2 - 21.3	90°/90°
2	W-516-A	DUSY KASAM OTASAM / VORT. GLAZING BAW	H - 28.4	90°/90°
2	W-516-A	DUSY KASAM OTASAM / VORT. GLAZING BAW	H - 82	90°/90°
4	W-516-A	YATAY KASAM OTASAM / HORT. GLAZING BAW	L/2 - 100	90°/90°
1	S3-502	KENET KASAM PROFIL / CLAMP CAPPI	H - 72	90°/90°
1	S3-502	KENET KASAM PROFIL / CLAMP CAPPI	H - 95	90°/90°



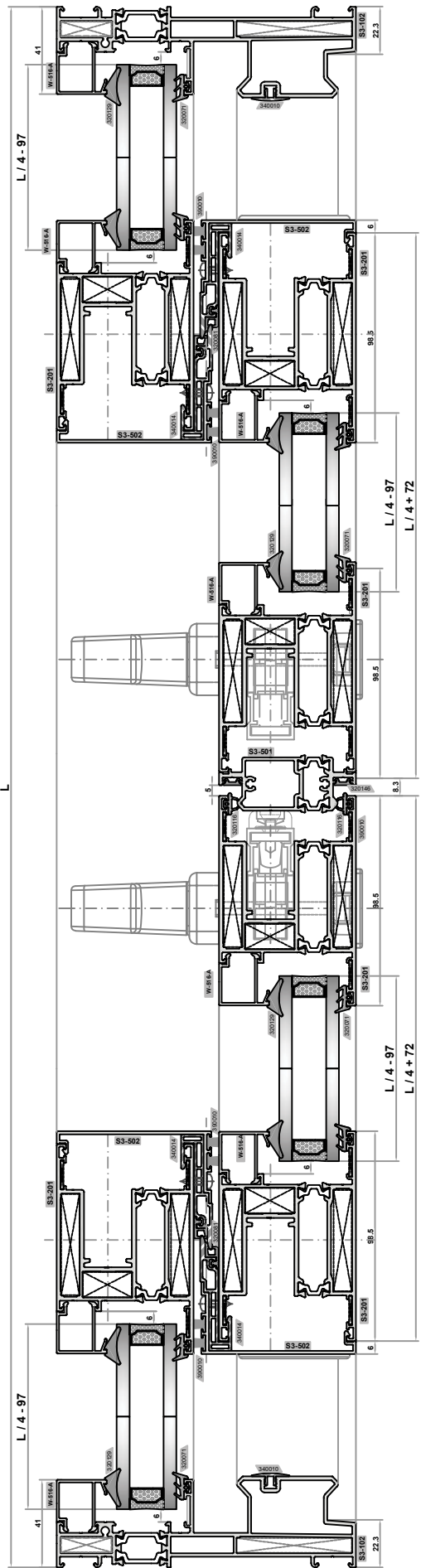


AKSESUARLAR / ACCESSORIES		TANIM		KESİM ÖLÇÜSÜ CUTTING SIZE
ADET UNIT	KOD CODE			
-	330916	KALDIRIŞ KİTİ / LIFT AND SLIDE KIT	-	-
-	330919	KANAT İNİTİ / SLASH STEP GABSET	2L x 2H	-
-	330971	DİŞ CAN İTİLİ / OUTSIDE GLAZING GABSET	2L x 8H	-
-	330210	İÇ KANAT İTİLİ / INNER GLAZING GABSET	2L x 8H	-
-	330981	VENT İNİTİ / ITİLİ / STEP GLAZING FOR CLAMP	4H	-
-	330973	SANİTARİYE İTİLİ / FANOS DİŞİ ÇAP GABSET	L	-
-	330974	VİDE İZLEMİŞ İTİLİ / SCREW HİŞİ COVER GABSET	2H	-
-	330914	KENET YALITIM PVC / INSULATION PVC FOR CLAMP	L 1/2H	-
-	330210	BAY KANAT İTİLİ / BUSH / JAIL CLOSER PLASTIC	L 8H	-
-	330020	FİNGER İTİLİ / FINGER'S STRIP BRUSH	L 8H	-
-	330015	KANAT DİŞ FİNGERİ / SASH TOP GUIDANCE PVC	-	-
-	330003	ÜST HAVASIÇİSİ SÜNGER / TOP AIR BREAKER SPONGE	-	-
-	330004	AUT HAVASIÇİSİ SÜNGER / BOTTOM AIR BREAKER SPONGE	-	-
-	330014	KENET KAPAKI / CLAP KIT FOR CLAMP	-	-
-	330114	KASA AĞSİ TANDU / CORNER CLEAR FOR FRAME	-	-
-	330167	KASA AĞSİ TANDU / CORNER CLEAR FOR FRAME	-	-
-	330385	KANAT AĞSİ TANDU / CORNER CLEAR FOR VENT	-	-
-	330164	KANAT AĞSİ TANDU / CORNER CLEAR FOR VENT	-	-
-	330112	KOŞE ÇAPUSU / CORNER ALUMINUM	-	-
-	330022	HALİTİYE KAPAKI / DRAINAGE SLOT COVER	-	-
-	330021	CELİKLİY / STEEL RAIL	-	-
-	330318	CAN ALI DİŞTER PAK Sİ / GLAZING SUPPORT PIECE	-	-
-	330194	ORTA RAYT / BALGAYİTİ / WINDOW CONNECTION	-	-
-	330197	ORTA RAYT / BALGAYİTİ / WINDOW CONNECTION	-	-
-	330021	KANAT DİŞTER PAKI / ADAPTER PLUG	-	-
-	470337	KANAT DİŞERİKLİY / ADAPTER FOR SASH	-	-



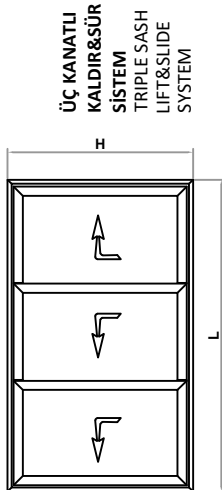
**İKİ YAN SABİT ORTADA ÇİFT KANATLI YALITIMLI
SÜRME KAPI DETAYI**
TWO SIDE FIXED AT THE MIDDLE DOUBLE SASH INSULATED
SLIDING DOOR DETAIL

PROFİLER / PROFILES				
UNIT	KOD	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	53-102	DÜŞEY KESİM / VERTICAL PLANE	H	45°/45°
2	53-102	YATAY KESİM / HORIZONTAL PLANE	L	45°/45°
4	53-201	DÜŞEY KESİM / VERTICAL VIEW	H-72	45°/45°
2	53-201	DÜŞEY ORTAK YATAY / VERTICAL TRANSOM	H-42A	90°/90°
4	53-201	YATAY KESİM / HORIZONTAL VIEW	L-42A	45°/45°
2	53-504	YATAY KESİM / HORIZONTAL CUT	L42 + 72	90°/90°
4	W5-16A	DÜŞEY KESİM ÖZEL / VERT. GLAZING BEAD	U2 + 286	90°/90°
4	W5-16A	DÜŞEY KESİM ÖZEL / VERT. GLAZING BEAD	H-384.4	90°/90°
4	W5-16A	DÜŞEY KESİM ÖZEL / VERT. GLAZING BEAD	H-82	90°/90°
8	W5-16A	YATAY KESİM / HORIZ. GLAZING BEAD	L42 + 86	90°/90°
2	53-502	KESİTİ KARNİ PROFİLİ / CARNP. COVR.	H-72	90°/90°
2	53-502	KESİTİ KARNİ PROFİLİ / CARNP. COVR.	H-72	90°/90°
1	53-501	ORTA BİREKLİNDEN / MIDDLE COR.	H-115	90°/90°



Katalogdaki profil ağırlıkları teoriktir. Teslimat öncesi ölçülen değerler geçerlidir.
Profile weights at the catalogue are theoretical, pre-shipment values will be valid.

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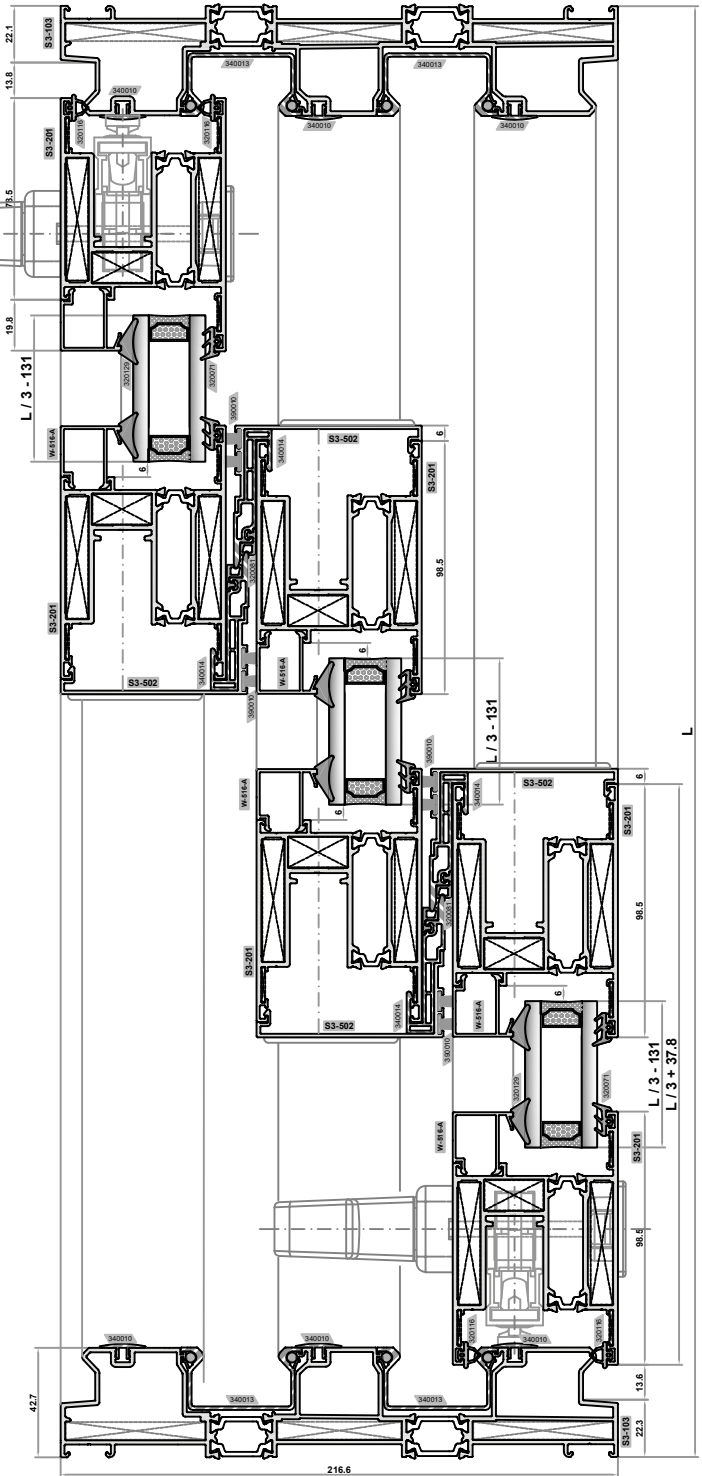
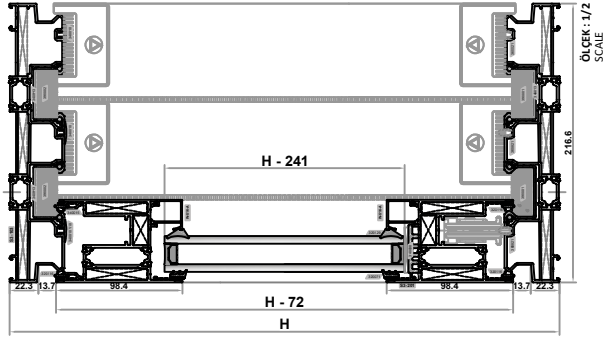


ÜÇ KANATLI
KALDIR&SÜR
SİSTEM
TRIPLE SASH
LIFT&SLIDE
SYSTEM

ADDET		KOD	TANIM	KESİM ÖLÇÜSÜ	KESİM AÇISI
UNIT		CODE	DESCRIPTION	CUTTING SIZE	CUTTING ANGLE
3	30003	30003	DÜŞER KASA / VERTICAL FRAME	H - 72	45°/45°
2	30004	30004	YATAY KASA / HORIZONTAL FRAME	L - 131	45°/45°
6	30005	30005	DÜŞER KANAT / VERTICAL UNIT	H - 72	45°/45°
6	30006	30006	YATAY KANAT / HORIZONTAL UNIT	L - 131	45°/45°
6	30007	30007	DÜŞER CAM OTAS / VERT. GLAZING BRAD	H - 268.4	90°/90°
6	30008	30008	YATAY CAM OTAS / HORIZ. GLAZING BRAD	L - 119	90°/90°
4	30009	30009	KENET KAPAK PROFİLİ / CLAMP CAPR.	H - 72	90°/90°

PROFİLER / PROFILES

AKSESUARLAR / ACCESSORIES		KOD	TANIM	KESİM ÖLÇÜSÜ
UNIT		CODE	DESCRIPTION	CUTTING SIZE
3	30009	30009	KALDIR SÜR SETİ / LIFT AND SURE KIT	41 x 41
-	30010	30010	KANAT BİNA FİTİLİ / SASH STEP GASKET	21 x 61
-	30011	30011	İÇ CAM FİTİLİ / INTER GLAZING GASKET	21 x 61
-	30012	30012	İÇ KAMA FİTİLİ / INNER GLAZING GASKET	41
-	30013	30013	KENET BİNA FİTİLİ / STEP GASKET FOR CLAMP	41 x 41
-	30014	30014	MERKEZ PİC SİSTEMİ / CENTRAL P.C. COMP. G.A.S.	41 x 41
-	30015	30015	MERKEZ KANAL PİC / CENTRAL CHANNEL P.C.	41 x 41
-	30016	30016	KENET YALITIM PİC / INSULATION P.C. FOR CLAMP	41
-	30017	30017	RAY KANALI KAPATMA PİC / RAIL CLOSURE P.C.	31 x 61
-	30018	30018	PİC FİTİLİ / HEATER STEP BRUSH	31
1	30019	30019	KANAT ÜST KILAVUZ PİC / SASH TOP GUIDANCE P.C.	-
2	30020	30020	ÜST HAVA KESİCİ SİNGER / TOP AIR BREAKER SPRINGER	-
2	30021	30021	ALT HAVA KESİCİ SİNGER / BOTTOM AIR BREAKER SPRINGER	-
4	30022	30022	KENET KANALI TIRAKLI / CLAMP KIT FOR CLAMP	-
8	30023	30023	KASA KOŞE TAKOZU / CORNER GLEAT FOR FRAME	-
4	30024	30024	KASA KOŞE TAKOZU / CORNER GLEAT FOR FRAME	-
24	30025	30025	KANAT KOŞE TAKOZU / CORNER GLEAT FOR UNIT	-
12	30026	30026	KANAT KOŞE TAKOZU / CORNER GLEAT FOR UNIT	-
36	30027	30027	KOŞE ÇAVUŞU / CORNER ALIGNMENT	-
4	30028	30028	TANIM KAPAK / PANEL GLEAT SPLIT CORNER	-
3	30029	30029	CEK RAY / STEEL RAIL	-
6	30030	30030	CAM ALTI DİŞLİ KAPAK / GLAZING SUPPORT PIERCE	-
4	30031	30031	KANAT DÜRDÜRÜCÜ / STOPPER FOR SASH	-



KULLANIM ŞARTLARI

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

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

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

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

GARANTİ KOŞULLARI

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

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

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

TERMS OF SERVICE

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

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

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

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

TERMS OF WARRANTY

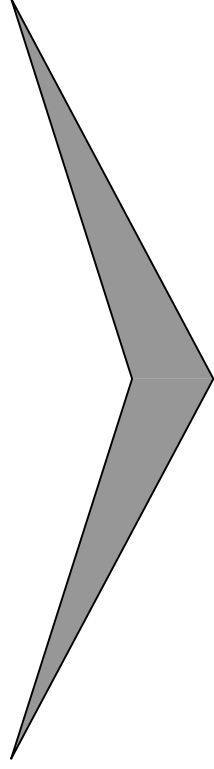
If the profiles was used according to terms of service and they have no mechanical damage or deformation, in any defect situation, our warranty is limited by disassembly, re-product, re-eloxal, re-assembly of faulty pieces. These are subjected to labor law.

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

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

SERTİFİKALAR

CERTIFICATES

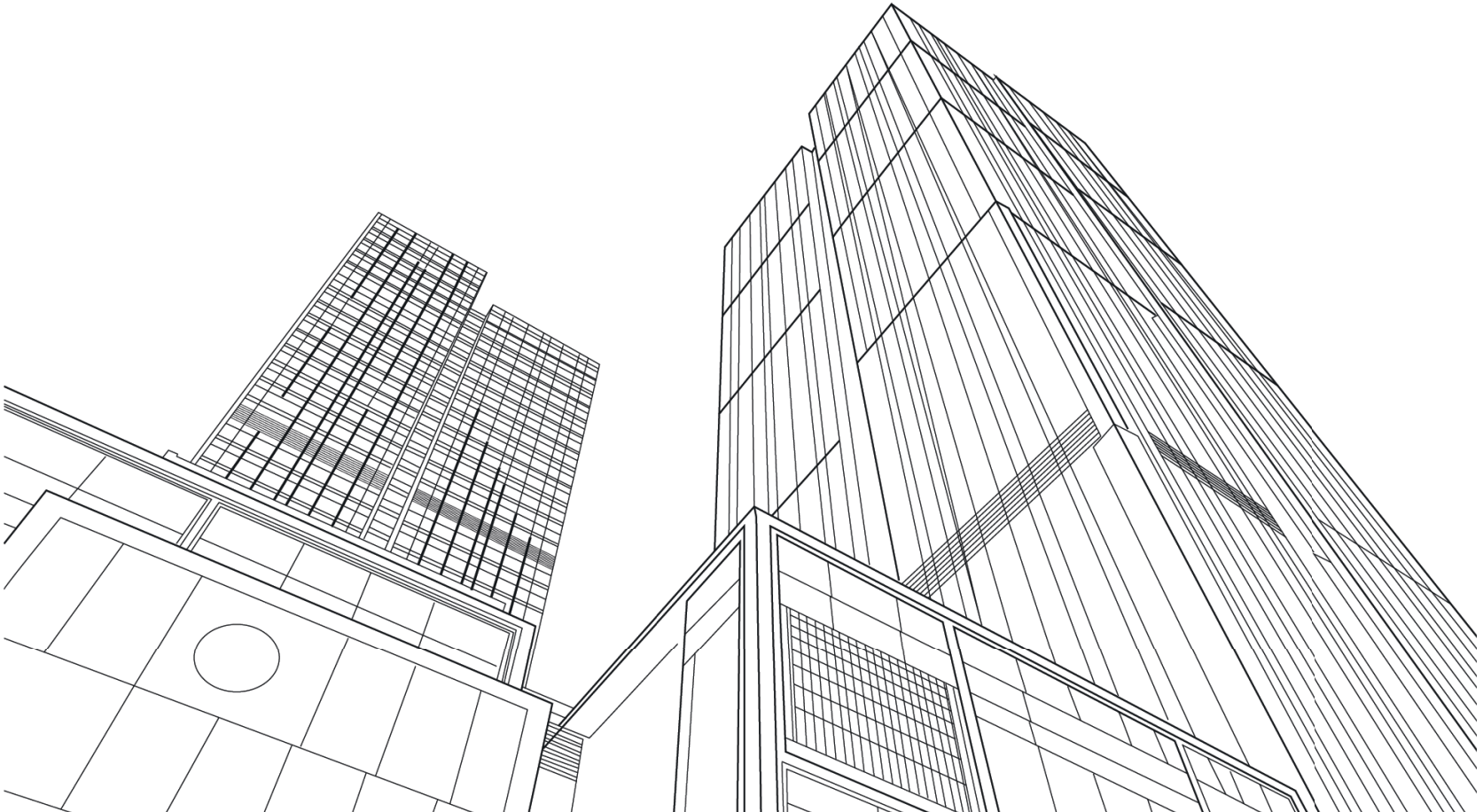


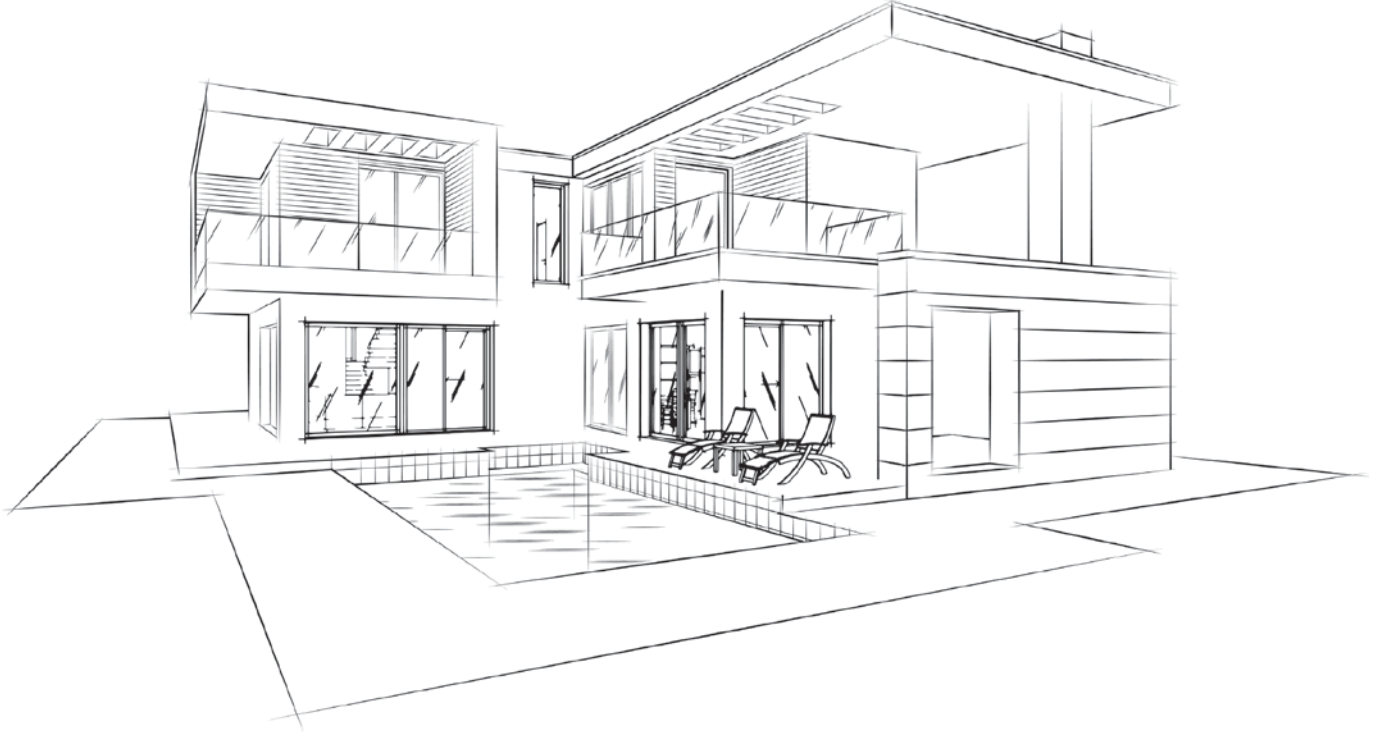
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