NEW SERIES

ALMİN
ARCHITECTURAL SYSTEMS



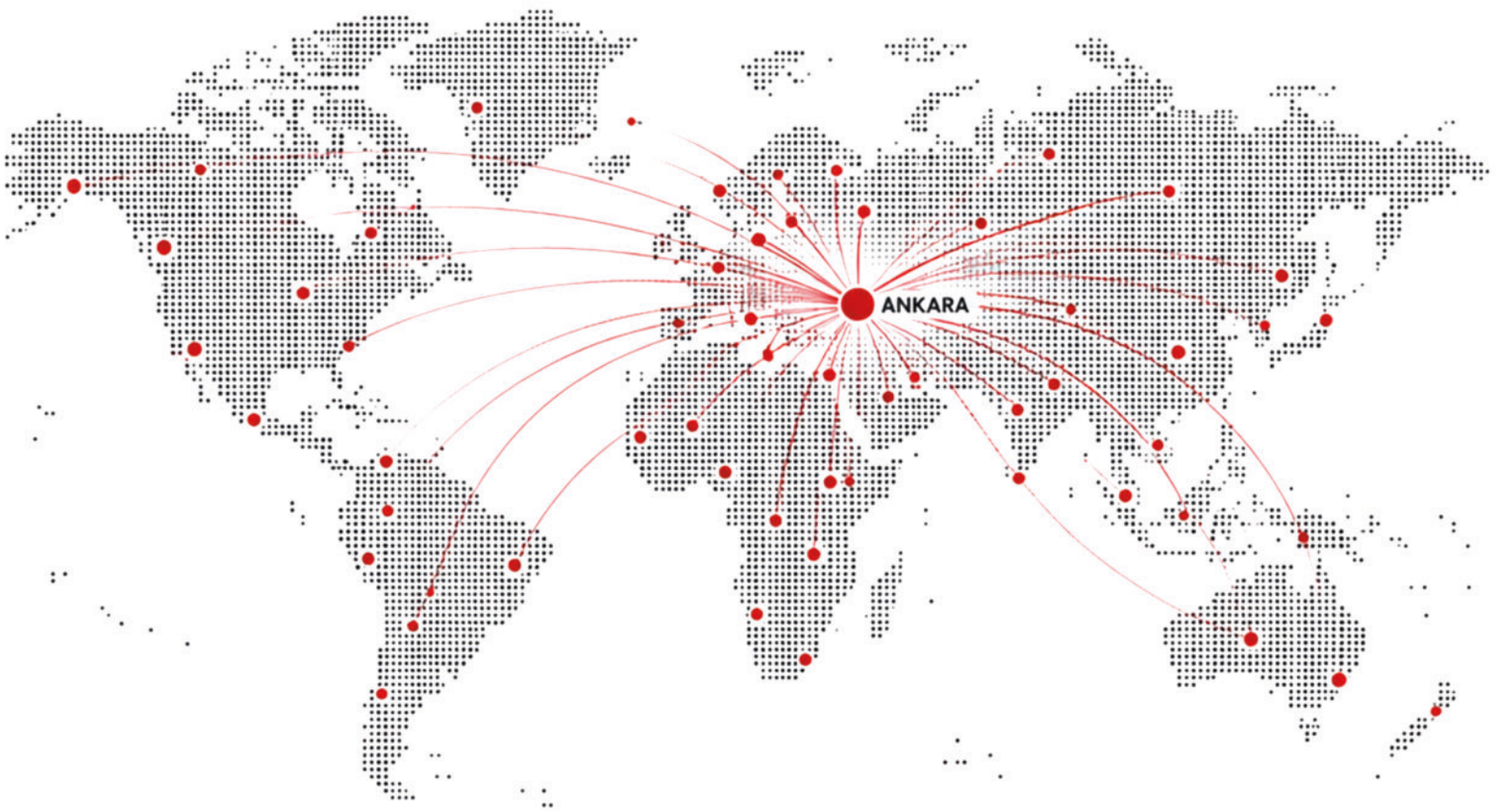
FLOW LINE

AST-64S

BASİT SÜRME SERİSİ

Simple Sliding Series

Almin® Alüminyum Profil Tescilli Markasıdır.



6+
KITA
CONTINENTS

80+
ÜLKE
COUNTRIES

500+
PROJE
PROJECTS

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Alüminyum Profil

DAHA İYİ
BİR YARIN İÇİN
ALÜMİNYUM

ALUMINIUM
FOR A BRIGHTER
TOMORROW

ÜRETİMİN GÜCÜ

THE POWER OF MANUFACTURING

2006 yılında kurulan ALMIN Alüminyum, modern üretim teknolojileri, mühendislik birikimi ve kalite odaklı yaklaşımıyla alüminyum profil sektöründe faaliyet göstermektedir.

Ekstrüzyondan kalıp üretimine, elektrostatik toz boyadan eloksal yüzey işlemlerine ve mekanik işlemeye kadar uzanan entegre üretim altyapımızla, mimari sistemlerden endüstriyel uygulamalara kadar geniş bir ürün yelpazesi sunuyoruz. Güçlü üretim altyapımız, deneyimli ekibimiz ve sürdürülebilir yaklaşımımızla, daha iyi bir gelecek için alüminyum çözümleri üretiyoruz.

Established in 2006, ALMIN Aluminium operates in the aluminium profile industry with modern production technologies, engineering expertise and a quality-oriented approach.

With an integrated production infrastructure covering extrusion, die manufacturing, powder coating, anodizing and precision machining, we offer a wide range of solutions from architectural systems to industrial applications. With our strong manufacturing capability, experienced team and sustainable approach, we produce aluminium solutions for a better tomorrow.



25.000 m²
Toplam Tesis Alanı
Total Facility Area



18.000 ton
Yıllık Profil Üretim Kapasitesi
Annual Profile Production Capacity



6.000 ton
Toz Boya Kapasitesi
Powder Coating Capacity



7.500 ton
Eloksal Kapasitesi
Anodizing Capacity

ENTEGRE ÜRETİMDEN MİMARİ SİSTEMLERE

FROM INTEGRATED MANUFACTURING TO ARCHITECTURAL SYSTEMS

Almin Alüminyum olarak, ekstrüzyon, kalıp üretimi, elektrostatik toz boya, eloksal ve hassas mekanik işlemeden oluşan entegre üretim altyapımızla yenilikçi çözümler sunuyoruz. Üretim tecrübemizi ve mühendislik birikimimizi modern mimarinin estetik ve teknik gereklilikleriyle buluşturarak yüksek kaliteli alüminyum sistemler geliştiriyoruz.

At Almin Aluminium, we deliver innovative solutions through our integrated manufacturing capabilities in extrusion, die manufacturing, powder coating, anodizing, and precision machining. We combine our manufacturing experience and engineering expertise with the aesthetic and technical demands of modern architecture to develop high-quality aluminium systems.



Güçlü üretim altyapımızdan doğan ALMİN Mimari Sistemler, çağdaş yapıların ihtiyaçlarına yönelik bütüncül çözümler sunar. Pencere, kapı, cephe, sürme ve diğer mimari sistemlerimiz; estetik, işlevsellik, dayanıklılık ve kullanım konforunu bir araya getirerek mimari tasarımlara değer katar.

Built on our strong manufacturing foundation, ALMIN Architectural Systems provides comprehensive solutions for contemporary buildings. Our window, door, façade, sliding, and other architectural systems combine aesthetics, functionality, durability, and user comfort to enhance architectural projects.



Mühendislik odaklı yaklaşımımızı, ISO 9001, ISO 14001, ISO 45001 ve QUALANOD belgeleriyle desteklenen kalite anlayışımızla birleştiriyoruz. Sürdürülebilirlik ve uluslararası standartlara verdiğimiz önemle, modern mimariye güvenilir, uzun ömürlü ve yenilikçi çözümler sunuyoruz.

We combine our engineering-driven approach with a commitment to quality supported by ISO 9001, ISO 14001, ISO 45001, and QUALANOD certifications. With a focus on sustainability and international standards, we deliver reliable, durable, and innovative solutions for modern architecture.



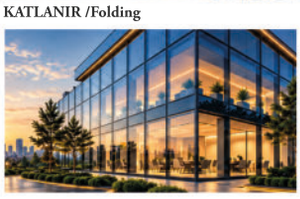
SÜRME /Sliding



KATLANIR /Folding



PENCERE / Window



CEPHE/ Façade

SERTİFİKALAR/ Certification















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GENEL BİLGİLER /

GENERAL INFORMATION

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ÜRÜN KONSEPTİ / PRODUCT CONCEPT

AST-64S, modern mimarinin estetik, işlevsellik ve kullanım esnekliği beklentilerine yanıt veren ısı yalıtımlı alüminyum sürme sistemidir. Farklı kasa derinlikleri ve 40,5 mm kanat profiliyle konut, rezidans, otel ve ticari projelerde çeşitli uygulama alternatifleri sunar. Yatay hareket eden kanatları sayesinde iç mekânda ilave açılım alanı gerektirmeden geniş cam yüzeylerin ve doğal gün ışığının etkin kullanımına olanak tanır.

AST-64S, 1,5 mm ve 3,0 mm profil et kalınlığı seçenekleriyle farklı uygulamaların yapısal gereksinimlerine uyum sağlar. Ray üzerinde yatay hareket eden kanatları, uygun tekerlek, bağlantı ve kilitleme bileşenleriyle kontrollü ve dengeli çalışma performansı sunar. Sistem konfigürasyonuna bağlı olarak 3000 mm'ye kadar uygulama yüksekliğine olanak tanıyan yapısı, geniş açıklıklarda güvenilir kullanım için tasarlanmıştır.

Standart ve çift raylı sürme seçeneklerinin yanı sıra gömme kasa, monoblok ve kendinden sineklikli kasa alternatifleriyle farklı mimari ve montaj gereksinimlerine çözümler sunar. Pencere ve kapı uygulamalarına yönelik kasa çeşitliliği, yapı detaylarına uygun sistem konfigürasyonlarının oluşturulmasını sağlarken entegre sineklik seçenekleri doğal havalandırma sırasında kullanım konforunu artırır.

AST-64S, 20 mm ve 24 mm ısı bariyeri seçenekleriyle iç ve dış ortam arasındaki ısı transferinin azaltılmasına katkı sağlar. EN ISO 10077-2 kapsamında belirtilen 2,45 W/m²K'nin altındaki Uf değeri, profil düzeyindeki ısıl performansını ortaya koyar. Maksimum 30 mm cam kalınlığına uyum sağlayan yapısı, farklı yalıtım camı kombinasyonlarının kullanılmasına olanak tanır.

Sade profil hatları ve geniş cam yüzeyleriyle AST-64S, modern yapılarda şeffaflığı ve mimari bütünlüğü ön plana çıkarır. Farklı açılım düzenleri ve kasa alternatifleri, tasarımcılara mekânsal ihtiyaçlara uygun çözümler geliştirme esnekliği sunar. Balkon, teras ve yaşam alanlarında iç ve dış mekânlar arasında görsel sürekliliği destekleyerek ferah, aydınlık ve çağdaş ortamların oluşturulmasına katkıda bulunur.

AST-64S is a thermally insulated aluminium sliding system designed to meet the aesthetic, functional, and operational flexibility requirements of modern architecture. Featuring various frame depths and a 40.5 mm sash profile, it offers versatile application options for residential buildings, apartments, hotels, and commercial projects. Its horizontally sliding sashes eliminate the need for additional inward opening space, enabling efficient use of expansive glazed surfaces and natural daylight.

AST-64S accommodates various structural requirements with profile wall thickness options of 1.5 mm and 3.0 mm. Its horizontally sliding sashes operate along the track with compatible rollers, connection components, and locking mechanisms, ensuring smooth and controlled movement. Depending on the system configuration, it supports application heights of up to 3000 mm and is designed to provide reliable operation across large openings.

In addition to standard and double-track sliding configurations, AST-64S offers recessed frame, monoblock, and integrated insect screen frame options to accommodate different architectural and installation requirements. Its versatile frame alternatives allow system configurations to be adapted to various window and door applications, while integrated insect screen options enhance user comfort during natural ventilation.

AST-64S features 20 mm and 24 mm thermal barrier options that help reduce heat transfer between indoor and outdoor environments. A frame thermal transmittance (Uf) value below 2.45 W/m²K, as stated in accordance with EN ISO 10077-2, demonstrates its thermal performance at the profile level. Supporting glazing thicknesses of up to 30 mm, the system accommodates various insulating glass configurations.

With its clean profile lines and expansive glazed surfaces, AST-64S emphasizes transparency and architectural harmony in contemporary buildings. Various opening configurations and frame alternatives provide designers with the flexibility to develop solutions tailored to different spatial requirements. By supporting visual continuity between indoor and outdoor areas, the system contributes to bright, spacious, and modern living environments in balconies, terraces, and residential spaces.

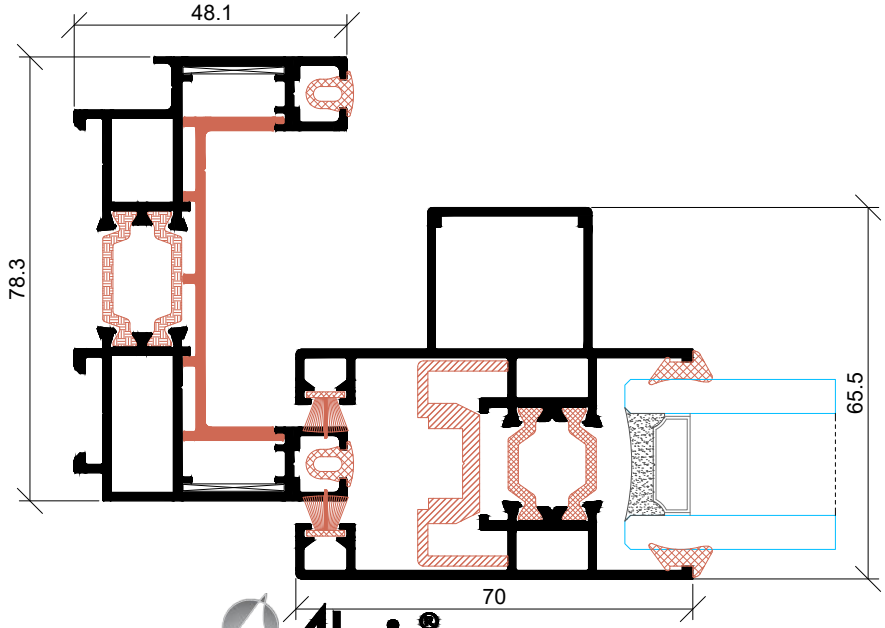
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TEKNİK ÖZELLİKLER (Technical Specifications)

KASA DERİNLİĞİ (Frame Depth)	64 / 96,6 / 129,3 / 122,1 mm
KANAT DERİNLİĞİ (Sash Depth)	40,5 mm
PROFİL ET KALINLIĞI (Profile Wall Thickness)	1,5 / 3,0 mm
MAKS. CAM KALINLIĞI (Max. Glass Thickness)	30,0 mm
YALITIM BARİYERİ (Thermal Break)	20,0 /24,0 mm
MAKS. YÜKSEKLİK (Max Height)	3000 mm
SİSTEM UF DEĞERİ - EN 10077-2 (System Uf Value (Thermal Transmittance))	(Uf): < 2,45 W/m²K

KULLANIM SEÇENEKLERİ (Application Options)

NORMAL SÜRME PENCERE (Standard Sliding Window)	+
NORMAL SÜRME KAPI (Standard Sliding Door)	+
ÇİFT RAYLI PENCERE (Double Rail Sliding Window)	+
ÇİFT RAYLI KAPI (Double Rail Sliding Door)	+
KENDİNDEN SİNEKLİKLİ KASA PENCERE (Sliding Window Frame with Integrated Flyscreen)	+
KENDİNDEN SİNEKLİKLİ KASA KAPI (Sliding Door Frame with Integrated Flyscreen)	+
GÖMME KASA PENCERE (Concealed Frame Sliding Window)	+
GÖMME KASA KAPI (Concealed Frame Sliding Door)	+
MONO BLOK PENCERE (Monoblock Sliding Window)	+
MONO BLOK KAPI (Monoblock Sliding Door)	+



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STATİK HESAPLAMALARDA KABULLER
THE ACCEPTANCES OF STATIC CALCULATIONS

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 coefficent of wind and then according to the height of the building select the wind load value from the table below.)

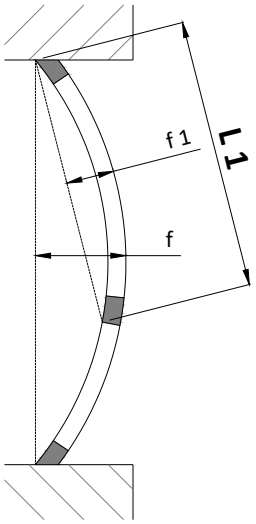
Rüzgar şekil katsayısı *(Shape coefficent of wind)* :

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 COEFFICENT OF WIND	ZEMİNDEN YÜKSEKLİK (m) GROUND ELEVATION	RÜZGAR HIZI (m/s) WIND SPEED	HIZ BASINCI (kg/m²) ABSORPTION	RÜZGAR YÜKÜ (kg/m²) WIND LOAD
1.2	0 - 8	28	50	60
	9 - 20	36	80	96
	21 - 100	42	110	132
	> 100	46	130	156
1.6	0 - 8	28	50	80
	9 - 20	36	80	128
	21 - 100	42	110	176
	> 100	46	130	208

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



Tek camlarda *(at single glass)*;

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

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 sehim *(Max. deflection)*

Çift camlarda *(at double glass)*;

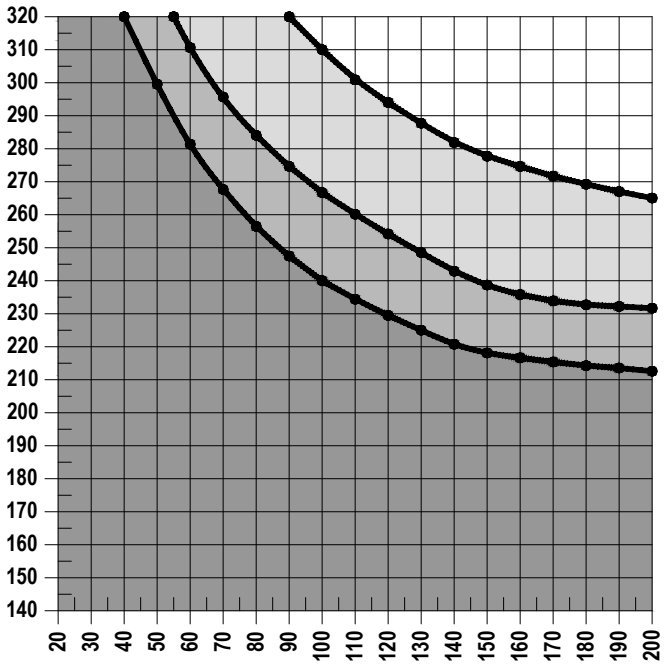
ARA KAYIT YOKSA ; (IF IT HAS NO TRANSOM)	
L ≥ 3m	f = max. 0,8cm
L < 2m	f = L / 200
ARA KAYIT VARSA ; (IF IT HAS TRANSOM)	
a) Camların boyları L1 ; (If the glass height L1)	
L1 ≤ 2,4m	f1 ≤ L1 / 300
L1 > 2,4m	f1 ≤ 0,8cm
b) Profillerin boyları L ; (If the profile length L)	
L ≤ 3m	f1 ≤ L / 200
L > 2m	f1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

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

L (cm)



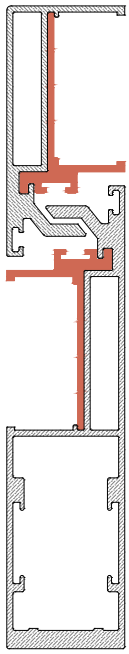
Max. Sehim = **L / 300**
(Max. Deflection)

Rüzgar Hızı & Yükü
(Wind Speed & Load)
28 m/s & 60 kg/m²

36 m/s & 96 kg/m²

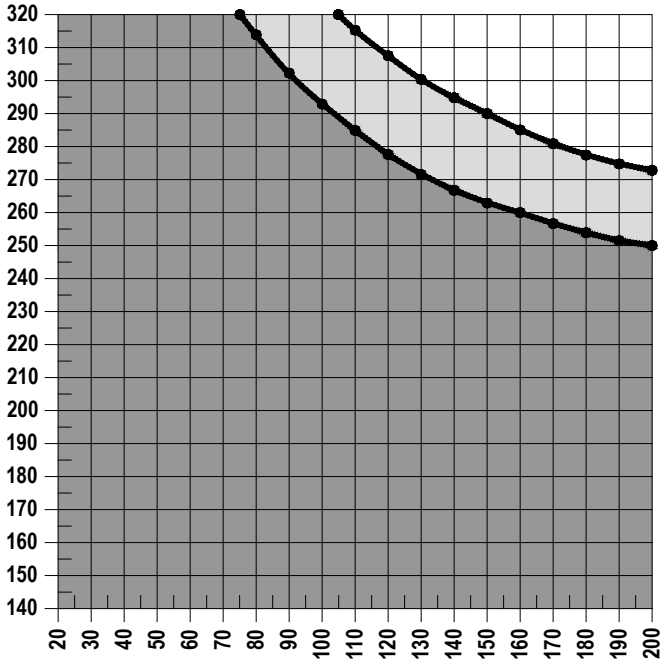
42 m/s & 132 kg/m²

A/2 (cm)



Jx: 101,9 cm ^{4}

L (cm)



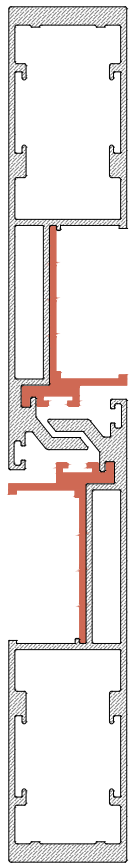
Max. Sehim = **L / 300**
(Max. Deflection)

Rüzgar Hızı & Yükü
(Wind Speed & Load)
28 m/s & 60 kg/m²

36 m/s & 96 kg/m²

42 m/s & 132 kg/m²

A/2 (cm)



Jx: 178,64 cm^4

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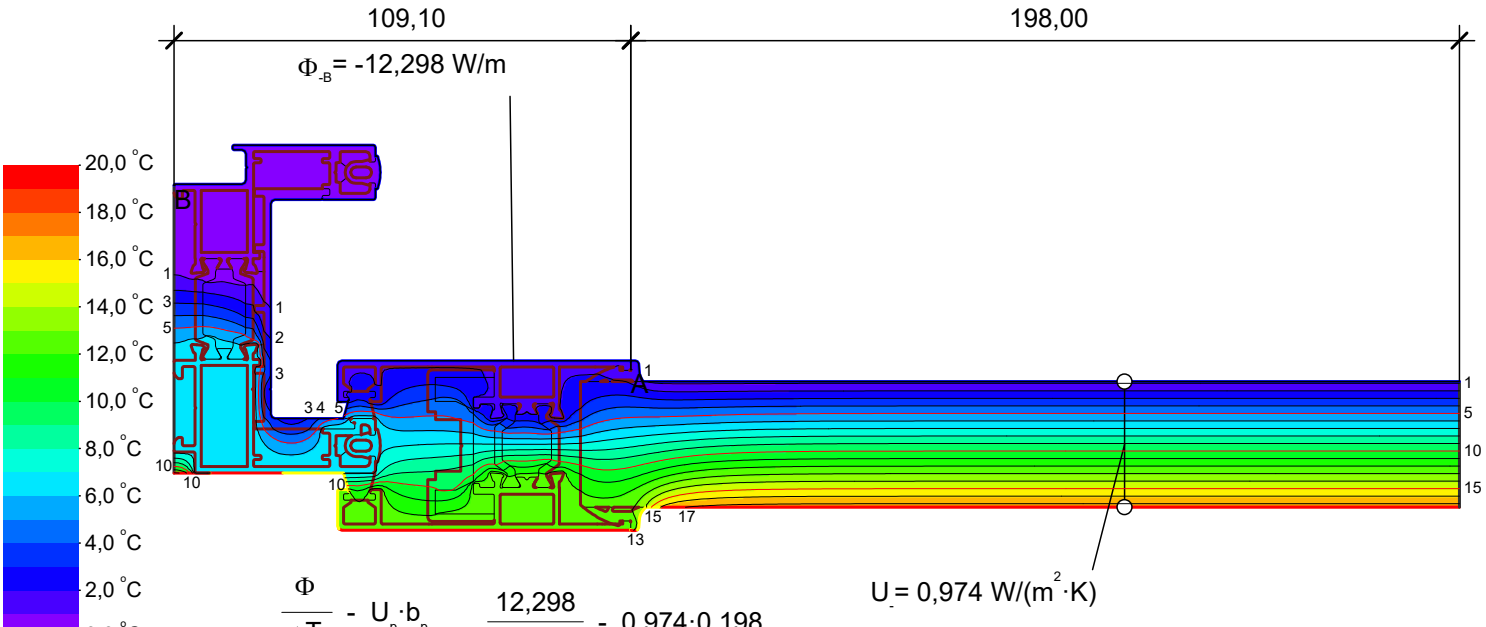
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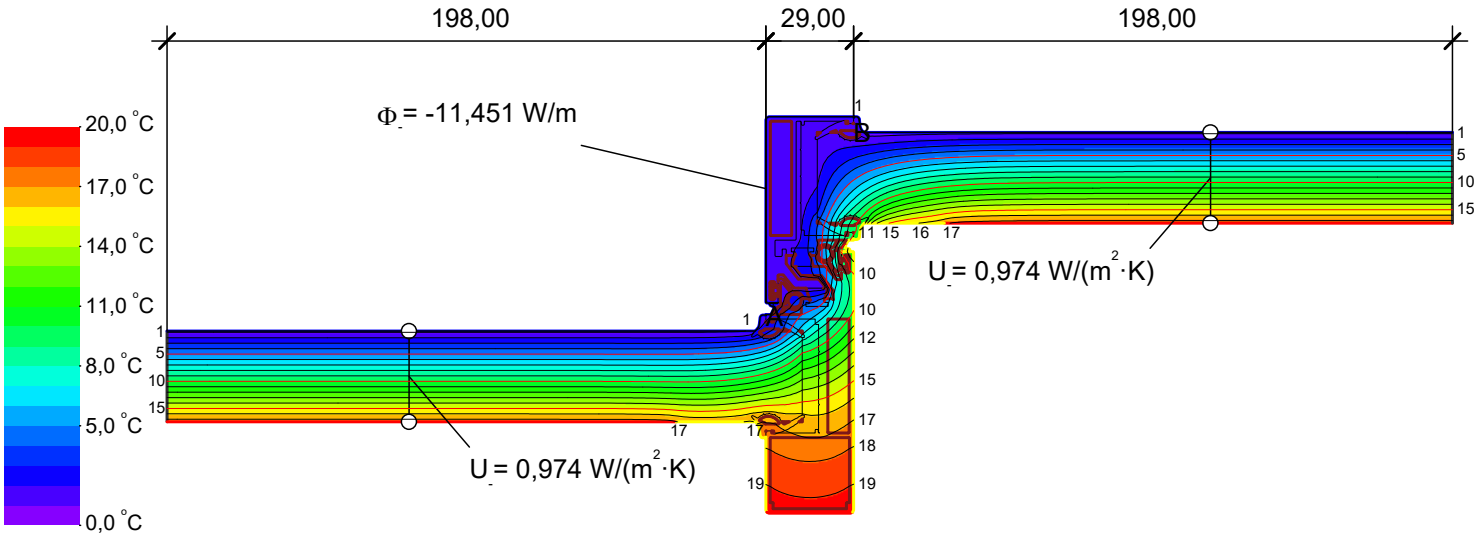
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$$U_{f\,A,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{12{,}298}{20{,}000} - 0{,}974 \cdot 0{,}198}{0{,}109} = 3{,}87\ W/(m^2 \cdot K)$$

Material	λ[W/(m·K)]	ε
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900
Kıl Fitil	0,250	0,900
PVC (Profil)	0,170	0,900
Panel	0,035	0,900
Polyamid 6.6 with 25% glass fibre	0,300	0,900
Unventilated air cavity		

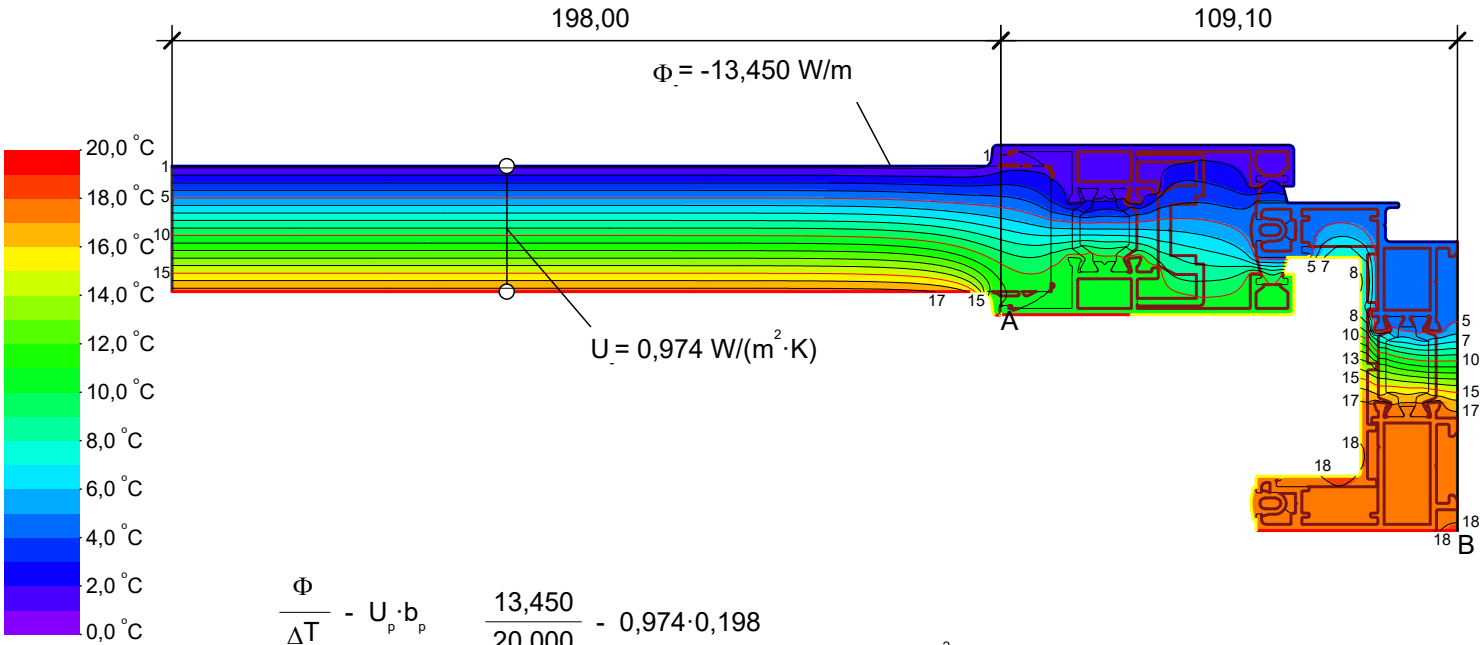
Boundary Condition	q[W/m²]	θ[°C]	R[(m²·K)/W]	ε
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal		20,000	0,130	
Interior, frame, reduced		20,000	0,200	
Symmetry/Model section	0,000			



$$U_{f\,A,B} = \frac{\frac{\Phi}{\Delta T} - U_{p1}\cdot b_{p1} - U_{p2}\cdot b_{p2}}{b_f} = \frac{\frac{11,451}{20,000} - 0,974\cdot 0,198 - 0,974\cdot 0,198}{0,029} = 6,45\ W/(m^2\cdot K)$$

Material	λ[W/(m·K)]	ε
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900
Kıl Fitil	0,250	0,900
PVC (Profil)	0,170	0,900
Panel	0,035	0,900
Silicone İzalasyon	0,150	0,900
Unventilated air cavity		

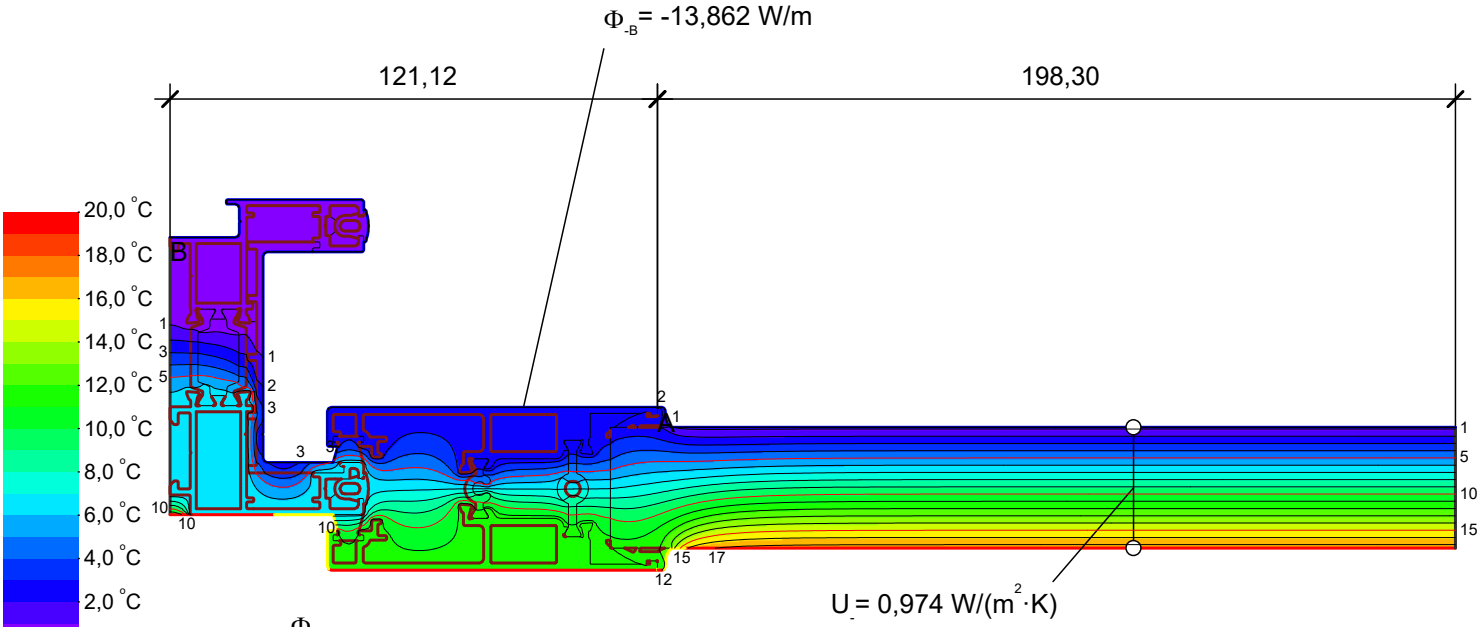
Boundary Condition	q[W/m²]	θ[°C]	R[(m²·K)/W]	ε
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal		20,000	0,130	
Interior, frame, reduced		20,000	0,200	
Symmetry/Model section	0,000			



$$U_{f\,A,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{13,450}{20,000} - 0,974 \cdot 0,198}{0,109} = 4,40\ W/(m^2 \cdot K)$$

Material	λ[W/(m·K)]	ε
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900
Kıl Fitil	0,250	0,900
PVC (Profil)	0,170	0,900
Panel	0,035	0,900
Polyamid 6.6 with 25% glass fibre	0,300	0,900
Silicone İzalasyon	0,150	0,900
Unventilated air cavity		

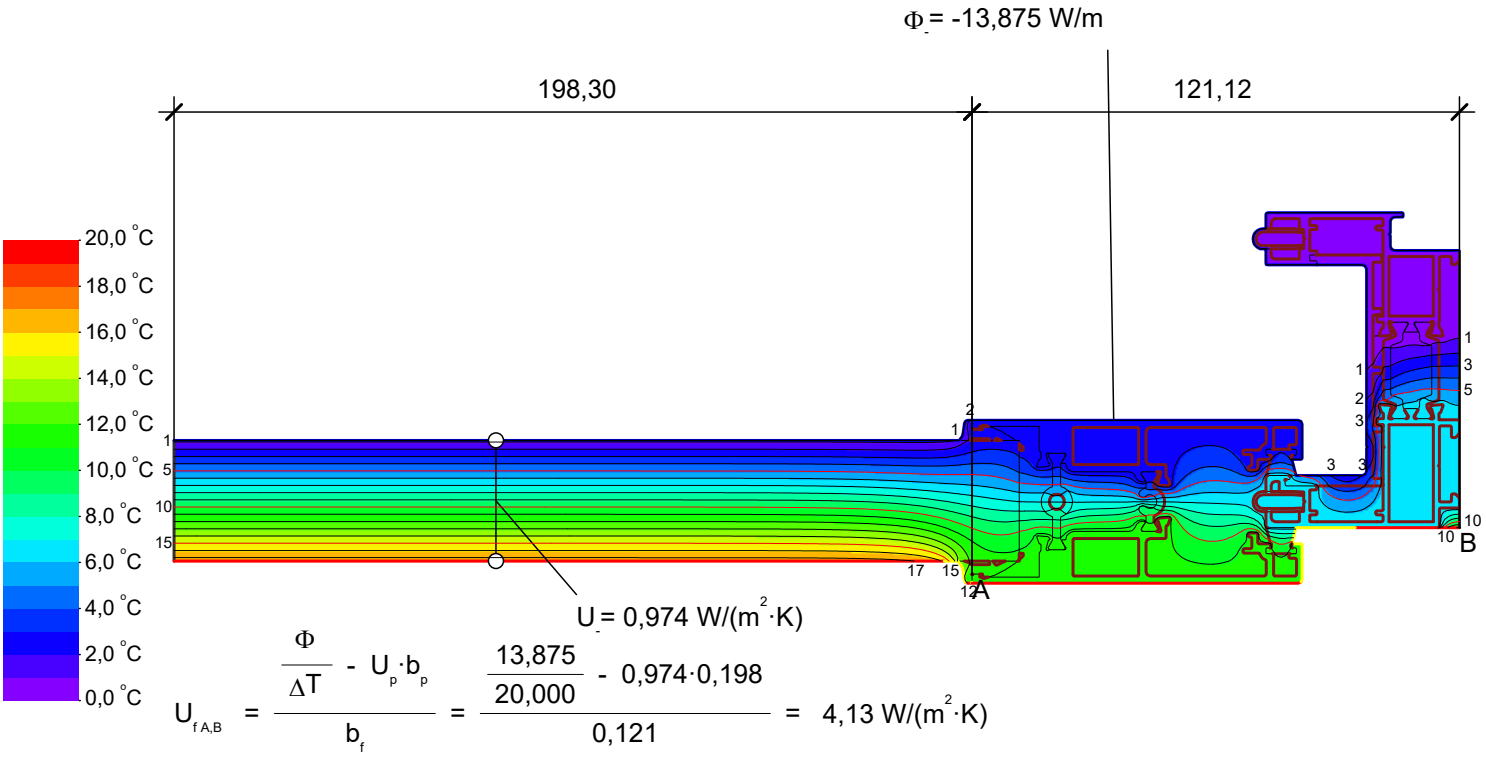
Boundary Condition	q[W/m²]	θ[°C]	R[(m²·K)/W]	ε
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal		20,000	0,130	
Interior, frame, reduced		20,000	0,200	
Symmetry/Model section	0,000			



$$U_{f\,A,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{13{,}862}{20{,}000} - 0{,}974 \cdot 0{,}198}{0{,}121} = 4{,}13\ W/(m^2 \cdot K)$$

Material	λ[W/(m·K)]	ε
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900
Kıl Fitil	0,250	0,900
PVC (Profil)	0,170	0,900
Panel	0,035	0,900
Polyamid 6.6 with 25% glass fibre	0,300	0,900
Silicone İzalasyon	0,150	0,900
Unventilated air cavity		

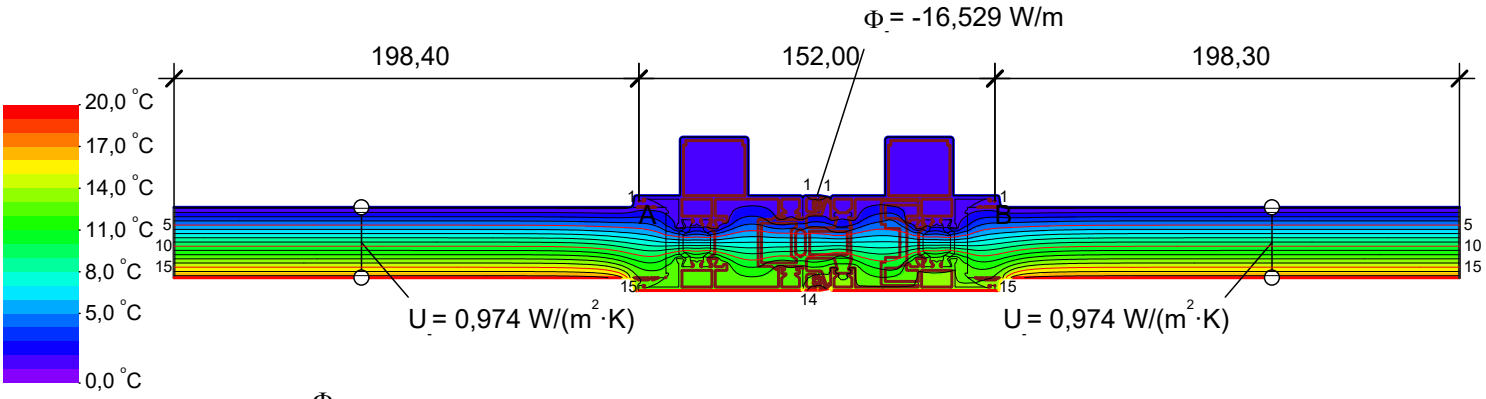
Boundary Condition	q[W/m²]	θ[°C]	R[(m²·K)/W]	ε
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal		20,000	0,130	
Interior, frame, reduced		20,000	0,200	
Symmetry/Model section	0,000			



$$U_{f\,A,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{13{,}875}{20{,}000} - 0{,}974 \cdot 0{,}198}{0{,}121} = 4{,}13\ W/(m^2 \cdot K)$$

Material	λ[W/(m·K)]	ε
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900
Kıl Fitil	0,250	0,900
PVC (Profil)	0,170	0,900
Panel	0,035	0,900
Polyamid 6.6 with 25% glass fibre	0,300	0,900
Silicone İzalasyon	0,150	0,900
Unventilated air cavity		
Çelik Ray	50,000	0,900

Boundary Condition	q[W/m²]	θ[°C]	R[(m²·K)/W]	ε
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal		20,000	0,130	
Interior, frame, reduced		20,000	0,200	
Symmetry/Model section	0,000			



$$U_{f\,A,B} = \frac{\frac{\Phi}{\Delta T} - U_{p1}\cdot b_{p1} - U_{p2}\cdot b_{p2}}{b_f} = \frac{\frac{16,529}{20,000} - 0,974\cdot 0,198 - 0,974\cdot 0,198}{0,152} = 2,90\ W/(m^2\cdot K)$$

Material	λ[W/(m·K)]	ε
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900
Kıl Fitil	0,250	0,900
PVC (Profil)	0,170	0,900
Panel	0,035	0,900
Polyamid 6.6 with 25% glass fibre	0,300	0,900
Silicone İzalasyon	0,150	0,900
Unventilated air cavity		

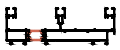
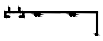
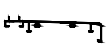
Boundary Condition	q[W/m²]	θ[°C]	R[(m²·K)/W]	ε
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal		20,000	0,130	
Interior, frame, reduced		20,000	0,200	
Symmetry/Model section	0,000			

PROFİL LİSTESİ /

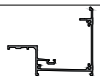
PROFILE LIST

Almin Alüminyum Profil *TESCİLLİ MARKASIDIR.*
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Profil Listesi / List of Profile

NO	Profil Şekli/ Profile	Profil Kodu / Profile Code	Kalıp Kodu / Code	Profil Adı / Profile Name	Ağırlık (kg/m) Weight	Atalet Momentleri j_x (cm)	Moments of Inertia j_y (cm)
1		AST-6401	B-0001 B-0002	2 Raylı Kasa Profili *(Double Rail Frame Profile)*	1.48 kg/m	40.52	9.86
2		AST-6402	B-0001 B-0003	İki Raylı Sineklikli Kasa Profili *(Double Rail Frame Profile with Integrated Fly Screen)*	2.08 kg/m	100.6	15.5
3		AST-6403	B-0001 B-0004	Üç Raylı Kasa Profili *(Triple Rail Frame Profile)*	2.39 kg/m	186.23	16.21
4		AST-6404	B-0005 B-0005	2 Raylı Kasa Profili *(Double Rail Frame Profile)*	2.402 kg/m	164.63	16.46
5		AST-6405	B-0006 B-0006	Dikey Kanat Profili *(Vertical Sash Profile)*	1.293 kg/m	16.13	11.37
6		AST-6406	B-0007 B-0006	Takviyeli Dikey Kanat Profili *(Reinforced Vertical Sash Profile)*	1.58 kg/m	20.76	16.64
7		AST-6407	B-0008 B-0008	Yatay Kanat Profili *(Horizontal Sash Profile)*	1.91 kg/m	32.28	16.54
8		AST-6411	B-0012	Kenet Profili *(Interlock Profile)*	0.644 kg/m	20.76	16.64
9		AST-6408	B-0009	61.6 mm Kenet Profili *(Interlock Profile)*	0.814 kg/m	12.58	11.30
10		AST-6409	B-0010	113.8 mm Kenet Profili *(Interlock Profile)*	1.702 kg/m	89.32	5.52
11		AST-6410	B-0011	86.6 mm Kenet Profili *(Interlock Profile)*	1.12 kg/m	32.91	2.75
12		AST-6426	B-0026 B-0027	Hareketli Köşe Profili *(Variable Corner Profile)*	1.12 kg/m	32.91	2.75
13		AST-6427	B-0028	Hareketli Köşe Adaptör Profili *(Variable Corner Adapter Profile)*	0.188 kg/m	---	---
14		AST-14524	S-0030	Destek Profili *(Support Profile)*	0.096 kg/m	---	---
15		AST-6412	B-0013	61.6 mm Kenet Profili (Yalıtımsız) (Interlock Profile -Non-Insulated)	1.066 kg/m	18.98	13.11
16		AST-6413	B-0014	86.6 mm Kenet Profili (Yalıtımsız)(Interlock Profile -Non-Insulated)	1.372 kg/m	38.35	5.52
17		AST-6416	B-0017	140'lık Tape Profili *(Trim Profile)*	0.702 kg/m	---	---
18		AST-6418	B-0018	160'lık Tape Profili *(Trim Profile)*	0.778 kg/m	---	---
19		AST-6419	B-0019	Alt Denizlik Profili *(Bottom Sub-Sill Profile)*	0.939 kg/m	---	---

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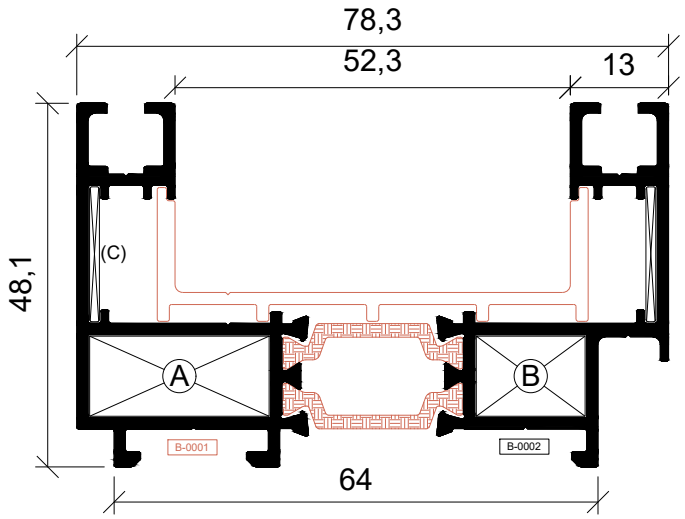
NO	Profil Şekli/ Profile	Profil Kodu / Profile Code	Kalıp Kodu / Code	Profil Adı / Profile Name	Ağırlık (kg/m) Weight	Atalet Momentleri j_x (cm)	Moments of Inertia j_y (cm)
20		AST-6420	B-0020	Pervaz Profili *(Architrave Profile)*	0.321 kg/m	---	---
21		AST-6421	B-0021	Pervaz Profili *(Architrave Profile)*	0.361 kg/m	---	---
22		AST-6422	B-0022	Pervaz Profili *(Architrave Profile)*	0.193 kg/m	---	---
23		AST-14520	S-0027	Sineklik Kasa Profili *(Fly Screen Frame Profile)*	0.894 kg/m	---	---
24		AST-14522	S-0029	Sineklik Kenet Profili *(Fly Screen Interlock Profile)*	0.442 kg/m	---	---
25		AST-6423	B-0023	Pervaz Kapak Profili *(Architrave Profile)*	0.644 kg/m	---	---
26		AST-6424	B-0024	Pervaz Profili *(Architrave Profile)*	1.666 kg/m	---	---
27		FR-029	CO-009	Gaga Profili *(Beak Profile)*	0.211 kg/m	---	---
28		AST-6425	B-0025	Ray Profili *(Rail Profile)*	0.38 kg/m	---	---
29		AST-6414	B-0015	140'lık Panjur Kapak Profili *(Shutter Cover Profile)*	0.452 kg/m	---	---
30		AST-6415	B-0016	160'lık Panjur Kapak Profili *(Shutter Cover Profile)*	0.567 kg/m	---	---
31		FR-025	CO-025	Köşe Takoz Profili 10.7 mm *(Corner Cleat Profile)*	2.96 kg/m	54.49	15.92
32		AST-14532	S-0038	Zemin Pervaz Profili *(Floor Architrave Profile)*	0.197 kg/m	---	---
33		AST-14533	S-0039	Zemin Pervaz Profili *(Floor Architrave Profile)*	0.167 kg/m	---	---

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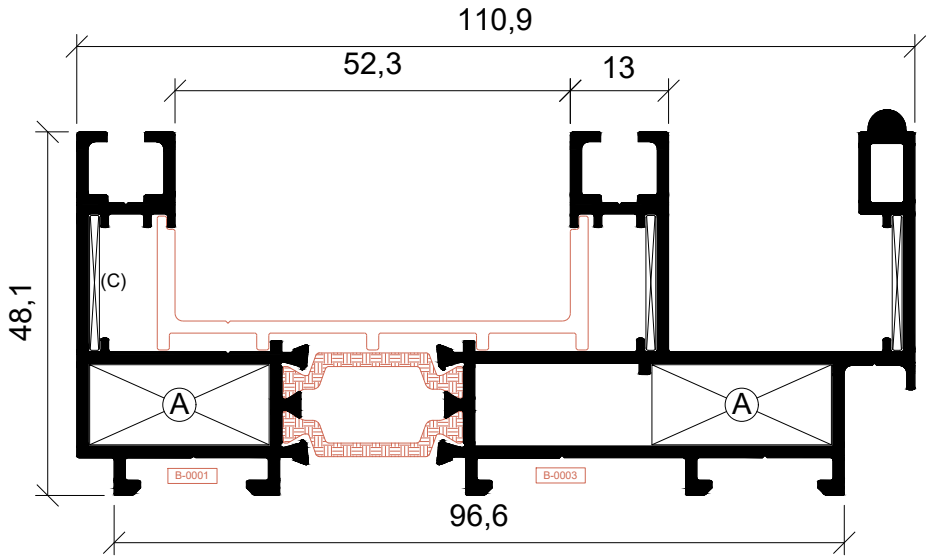
PROFİLLER/

PROFILES

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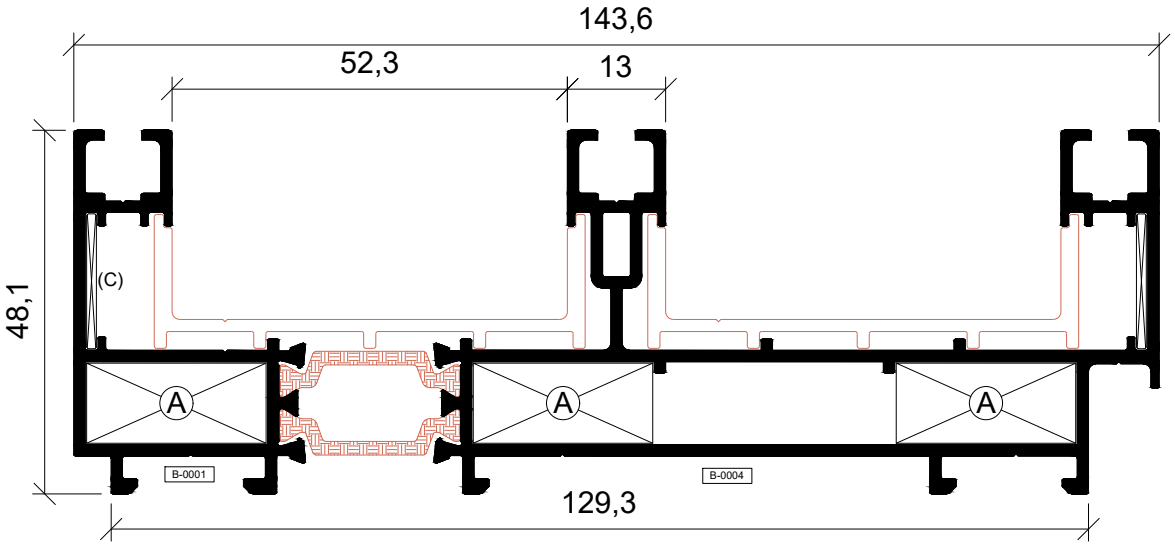


Kod	AST-6401	
Ağırlık	1.48 Kg/m	
Jx	40.52 cm^4	
Jy	9.86 cm^4	
Profil Kodu	FR-025	
Parça Kodu	(A) 107FR238	(B) 107FR195
Kesim Ölçüsü	23.8 mm	14.4 mm
C	A03.3001	



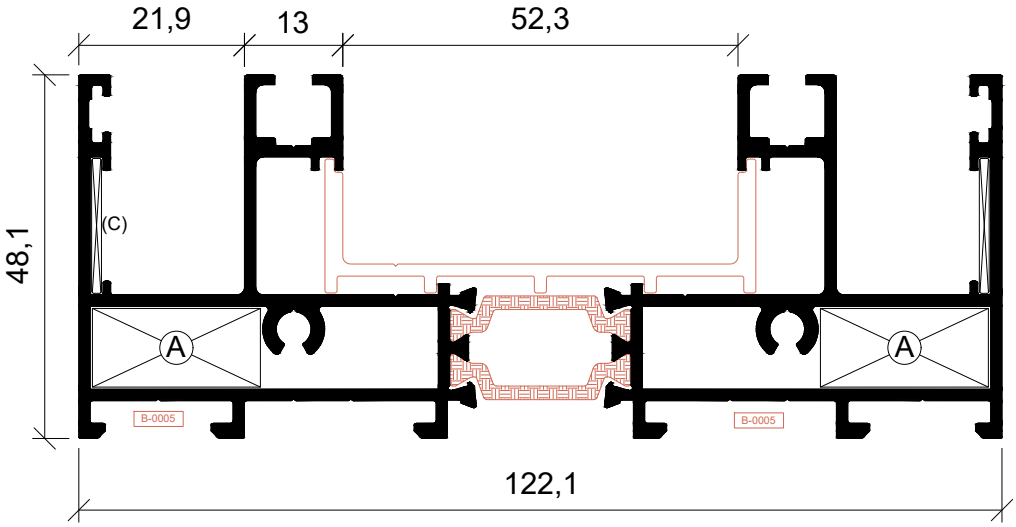
Kod	AST-6402	
Ağırlık	2.08 Kg/m	
Jx	100.6 cm^4	
Jy	15.5 cm^4	
Profil Kodu	FR-025	
Parça Kodu	(A) 107FR238	
Kesim Ölçüsü	23.8 mm	
C	A03.3001	

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Kod	AST-6403
Ağırlık	2.39 Kg/m
Jx	186.23 cm^4
Jy	16.21 cm^4

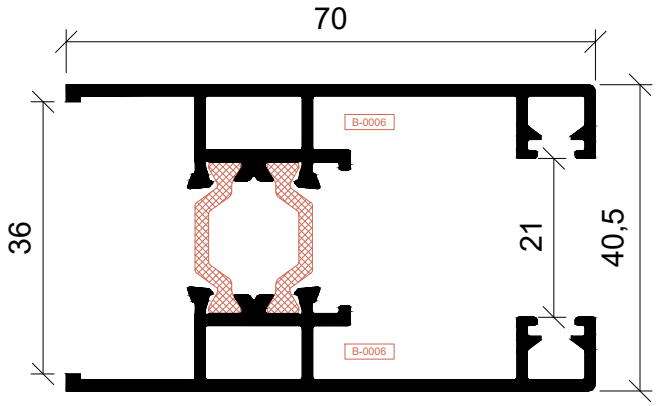
Profil Kodu	FR-025
Parça Kodu	(A) 107FR238
Kesim Ölçüsü	23.8 mm
C	A03.3001



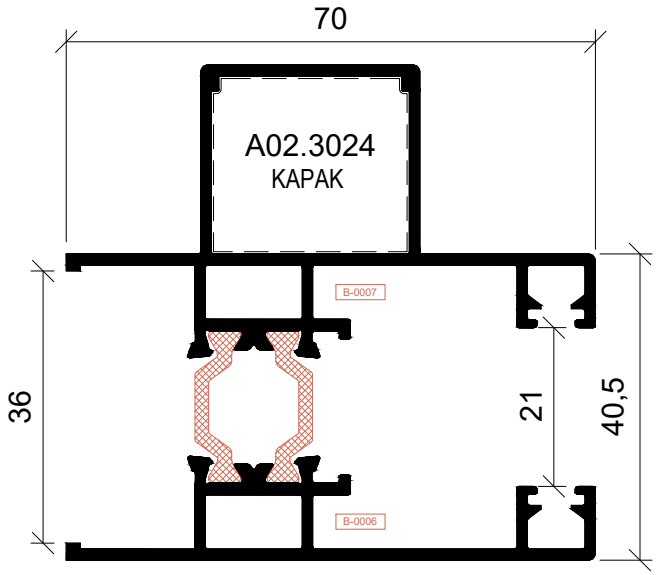
Kod	AST-6404
Ağırlık	2.402 Kg/m
Jx	164.63 cm^4
Jy	16.46 cm^4

Profil Kodu	FR-025
Parça Kodu	(A) 107FR225
Kesim Ölçüsü	22.5 mm
C	A03.3001

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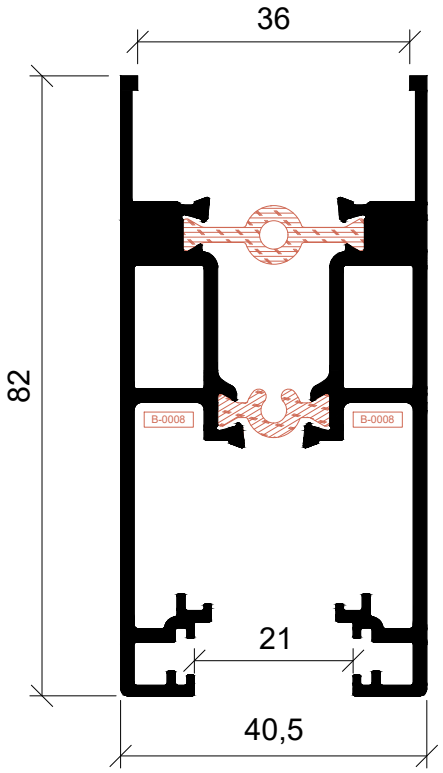


Kod	AST-6405
Ağırlık	1.293 Kg/m
Jx	16.13 cm^4
Jy	11.37 cm^4

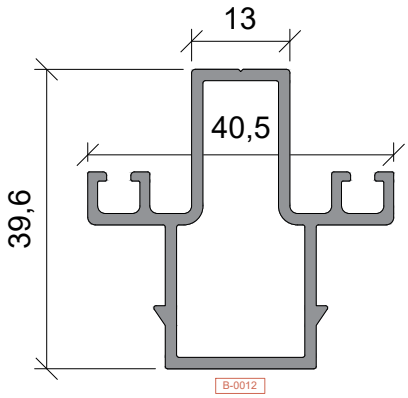


Kod	AST-6406
Ağırlık	1.58 Kg/m
Jx	20.76 cm^4
Jy	16.64 cm^4

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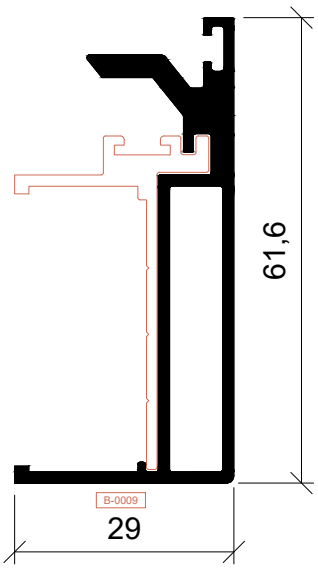


Kod	AST-6407
Ağırlık	1.91 Kg/m
Jx	32.28 cm^4
Jy	16.54 cm^4

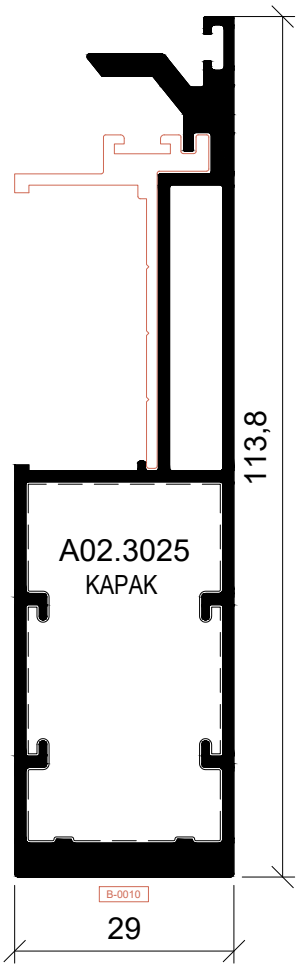


Kod	AST-6411
Ağırlık	0.644 Kg/m
Jx	20.76 cm^4
Jy	16.64 cm^4

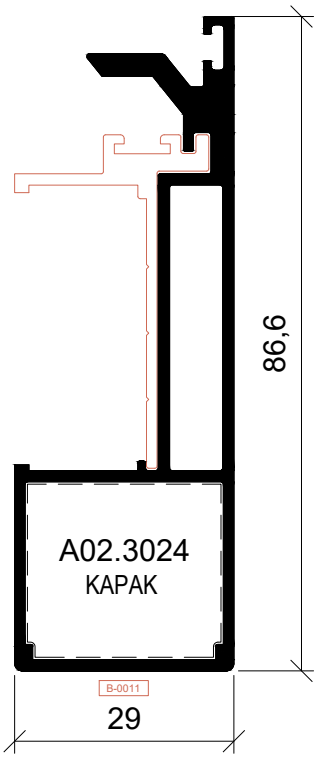
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Kod	AST-6408
Ağırlık	0.814 Kg/m
Jx	12.58 cm^4
Jy	11.3 cm^4

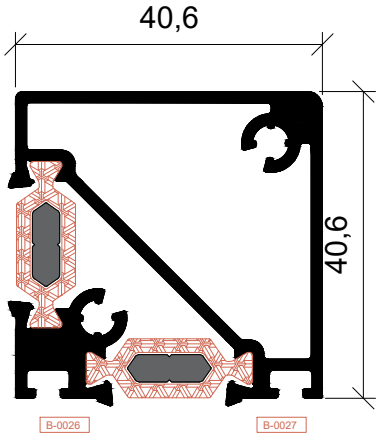


Kod	AST-6409
Ağırlık	1.702 Kg/m
Jx	89.32 cm^4
Jy	5.52 cm^4

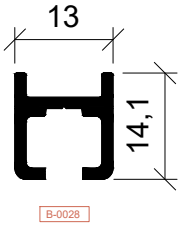


Kod	AST-6410
Ağırlık	1.12 Kg/m
Jx	32.91 cm^4
Jy	2.75 cm^4

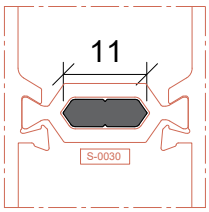
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Kod	AST-6426
Ağırlık	1.57 Kg/m
Jx	40.52 cm^4
Jy	6.77 cm^4

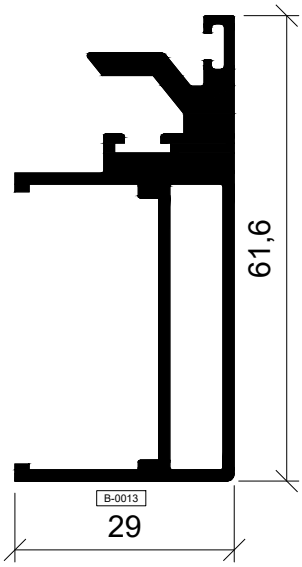


Kod	AST-6427
Ağırlık	0,188 Kg/m

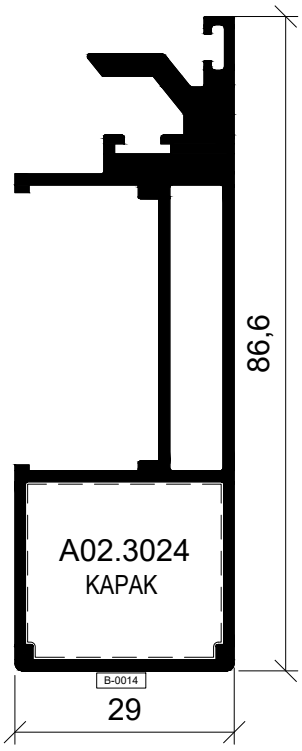


Kod	AST-14524
Ağırlık	0.096 Kg/m

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Kod	AST-6412
Ağırlık	1.066 Kg/m
Jx	18.98 cm^4
Jy	13.11 cm^4



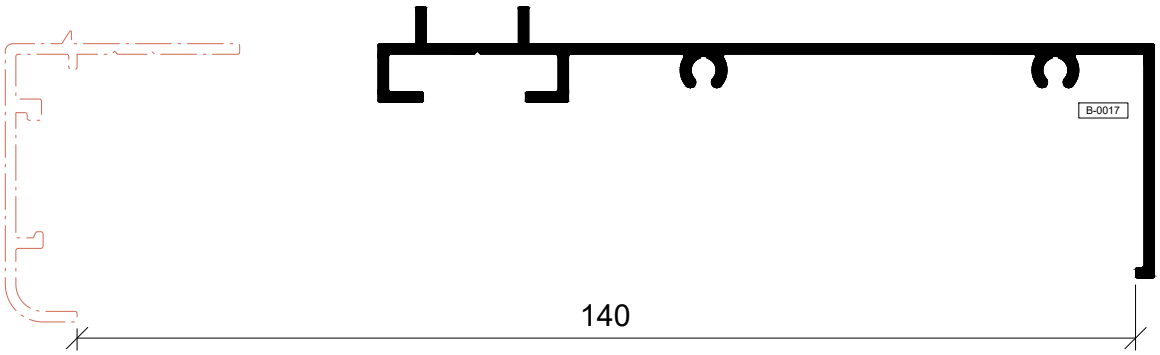
Kod	AST-6413
Ağırlık	1.372 Kg/m
Jx	38.35 cm^4
Jy	5.52 cm^4

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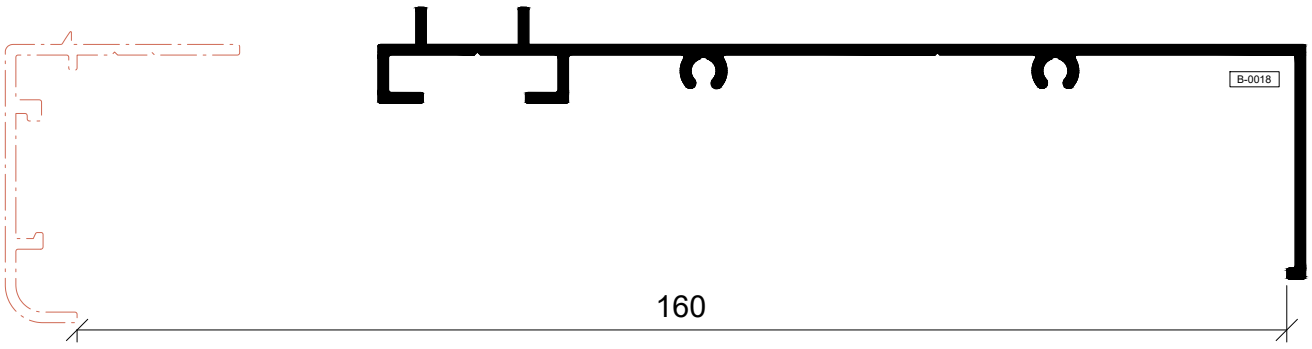
YARDIMCI PROFİLLER/

AUXILIARY PROFILES

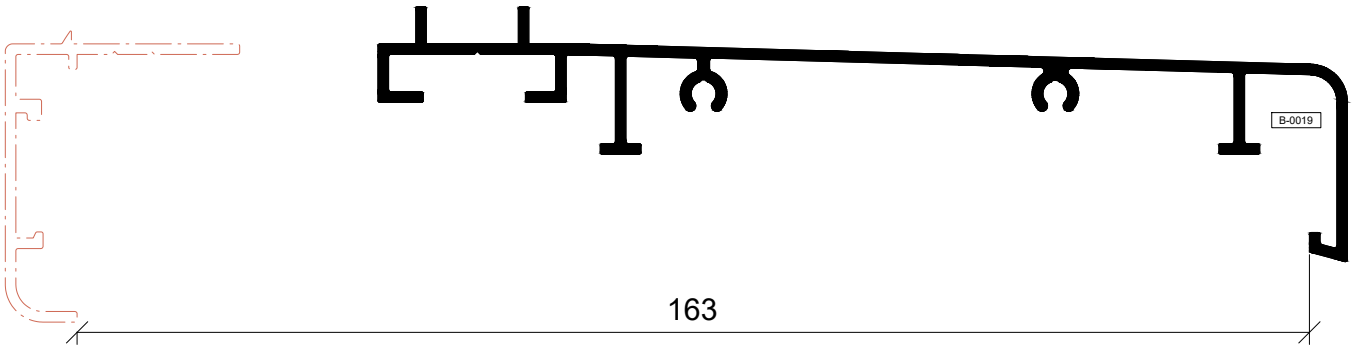
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Profil Kodu	AST-6416
Ad	140'lık Tape Profili
Ağırlık	0.702 Kg/m

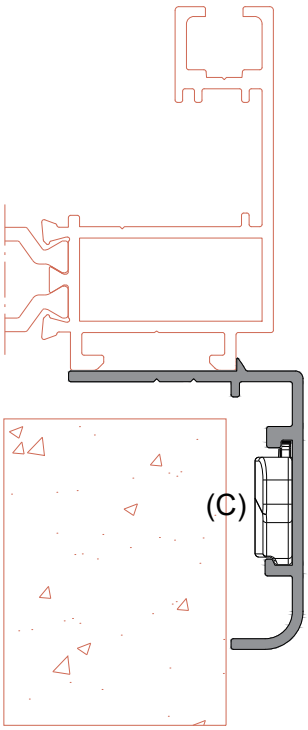


Profil Kodu	AST-6418
Ad	160'lık Tape Profili
Ağırlık	0.778 Kg/m



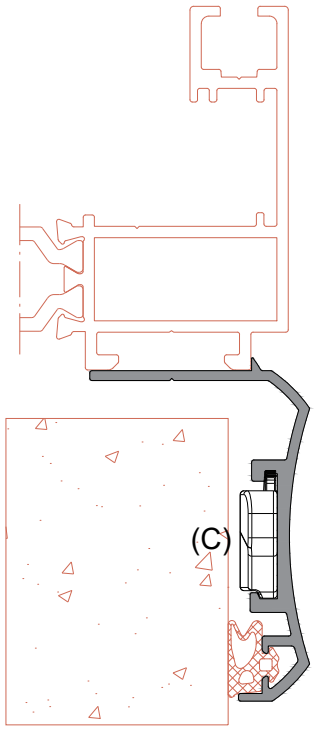
Profil Kodu	AST-6419
Ad	Alt Denizlik Profili
Ağırlık	0.939 Kg/m

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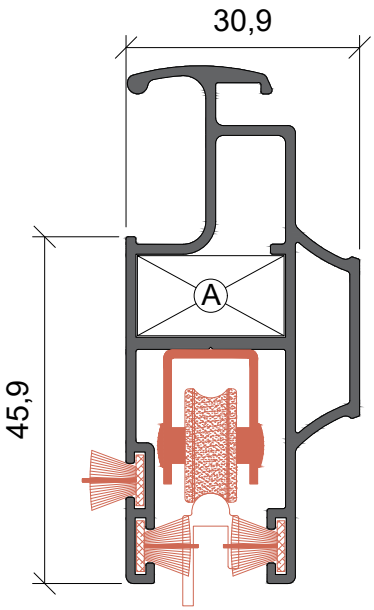
B-0020

Profil Kodu	AST-6420
Ad	Pervaz Profili
Ağırlık	0.321 Kg/m
C	A03.3001



B-0021

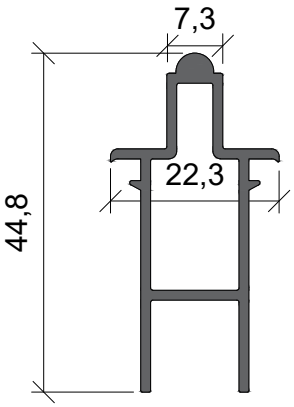
Profil Kodu	AST-6421
Ad	Pervaz Profili
Ağırlık	0.361 Kg/m
C	A03.3001



S-0027

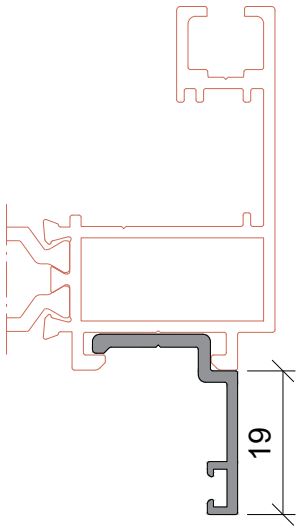
Profil Kodu	AST-14520
Ad	Sineklik Kasa Profili
Ağırlık	0.894 Kg/m

Profil Kodu	FR-025
Parça Kodu	(A) 107FR195
Kesim Ölçüsü	19,5 mm



S-0029

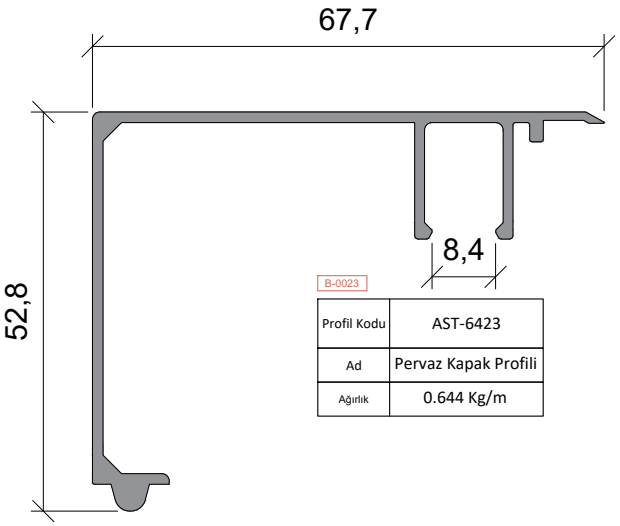
Profil Kodu	AST-14522
Ad	Sineklik Kasa Profili
Ağırlık	0.442 Kg/m



B-0022

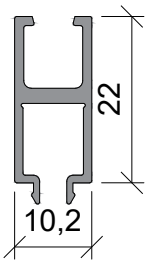
Profil Kodu	AST-6422
Ad	Pervaz Profili
Ağırlık	0.193 Kg/m

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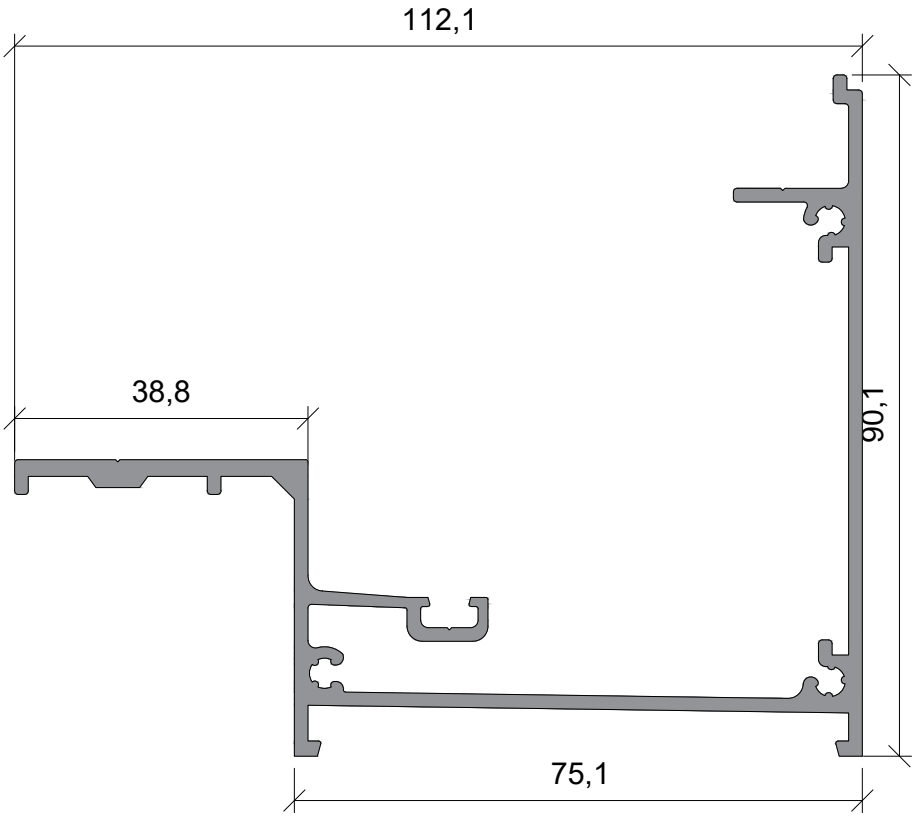
B-0023

Profil Kodu	AST-6423
Ad	Pervaz Kapak Profili
Ağırlık	0.644 Kg/m



CO-009

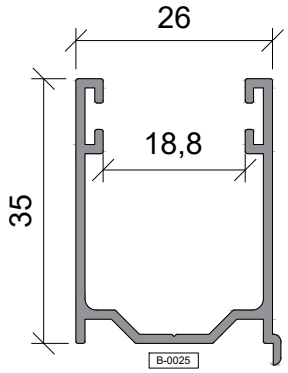
Kod	FR-009
Ağırlık	0,211 Kg/m



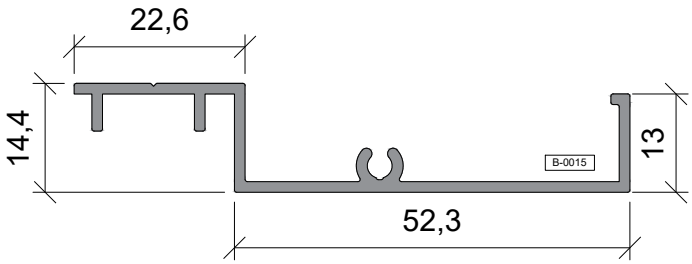
B-0024

Profil Kodu	AST-6424
Ad	Pervaz Profili
Ağırlık	1.666 Kg/m

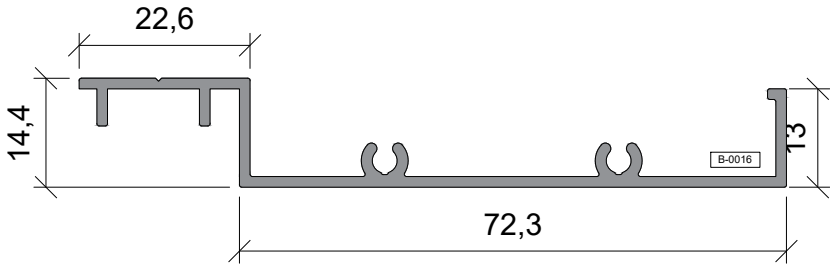
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Profil Kodu	AST-6425
Ad	Ray Profili
Ağırlık	0.361 Kg/m

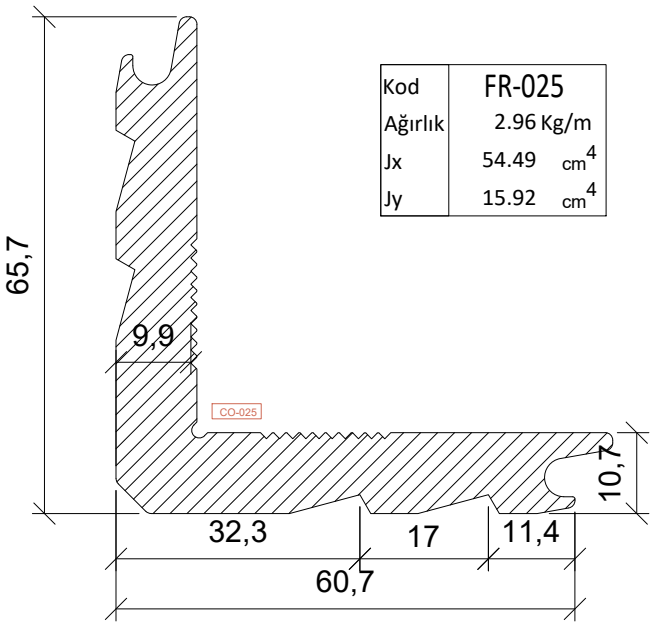


Profil Kodu	AST-6414
Ad	140'lık Panjur Kapağı
Ağırlık	0.452 Kg/m



Profil Kodu	AST-6415
Ad	160'lık Panjur Kapağı
Ağırlık	0.567 Kg/m

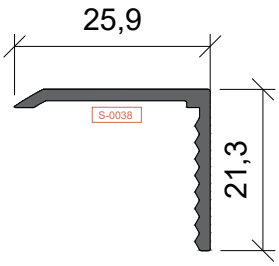
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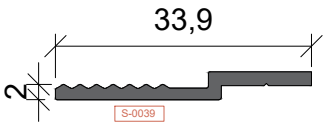
Kod	FR-025
Ağırlık	2.96 Kg/m
Jx	54.49 cm^4
Jy	15.92 cm^4

FR-025

Kullanıldığı Profil Kodu / Use Profile code	Parça Kodu / Part Code	Kesim ölçüsü/ Cutting Dimensions
AST-6401	107FR238 107FR195	23,8 mm 19,5 mm
AST-6402	107FR238	23,8 mm
AST-6403	107FR238	23,8 mm
AST-6404	107FR225	22,5 mm



Profil Kodu	AST-14532
Ad	Zemin Pervaz Profili
Ağırlık	0.197 Kg/m

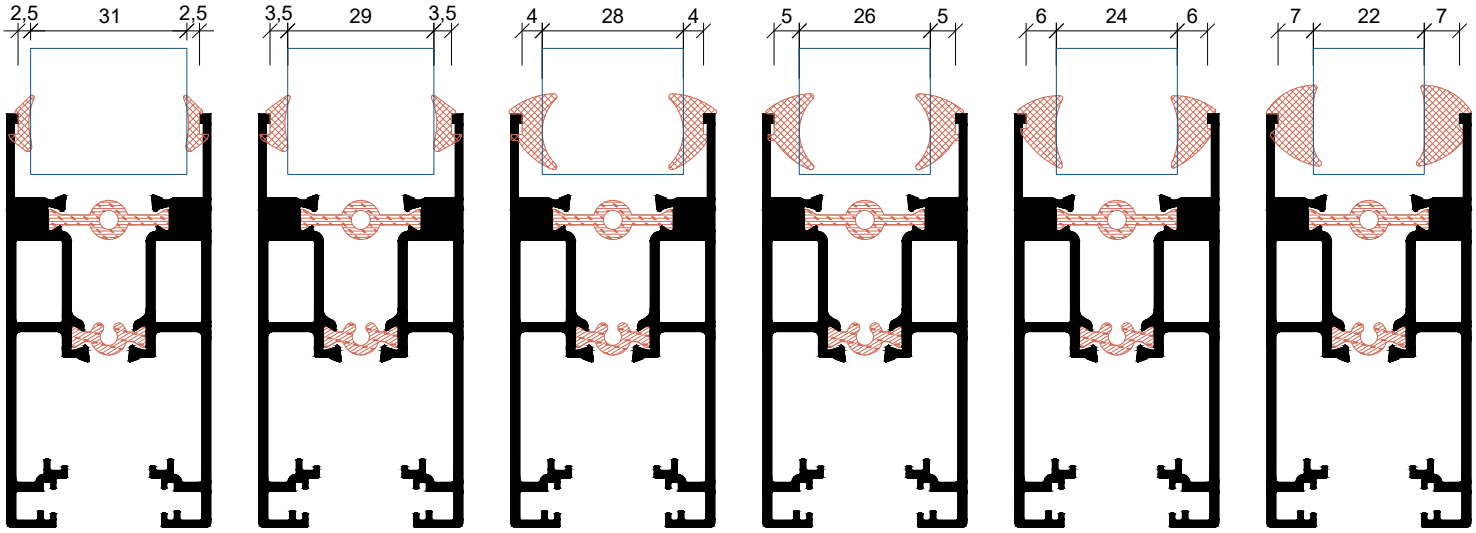


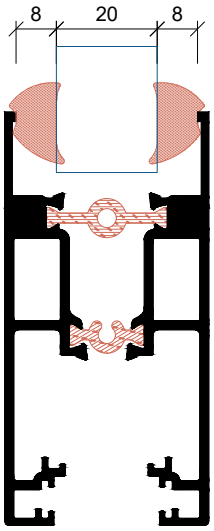
Profil Kodu	AST-14533
Ad	Zemin Pervaz Profili
Ağırlık	0.167 Kg/m

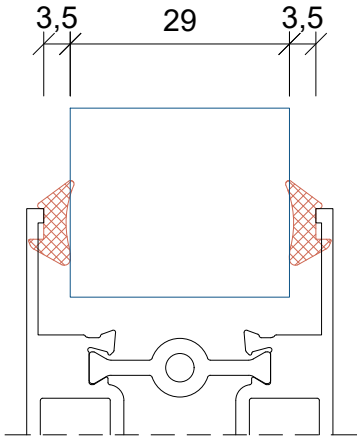
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CAM KALINLIKLARINA GÖRE FİTİL SEÇME ŞEMASI

GASKET SELECTION DIAGRAM ACCORDING TO THE GLASS THICKNESSES







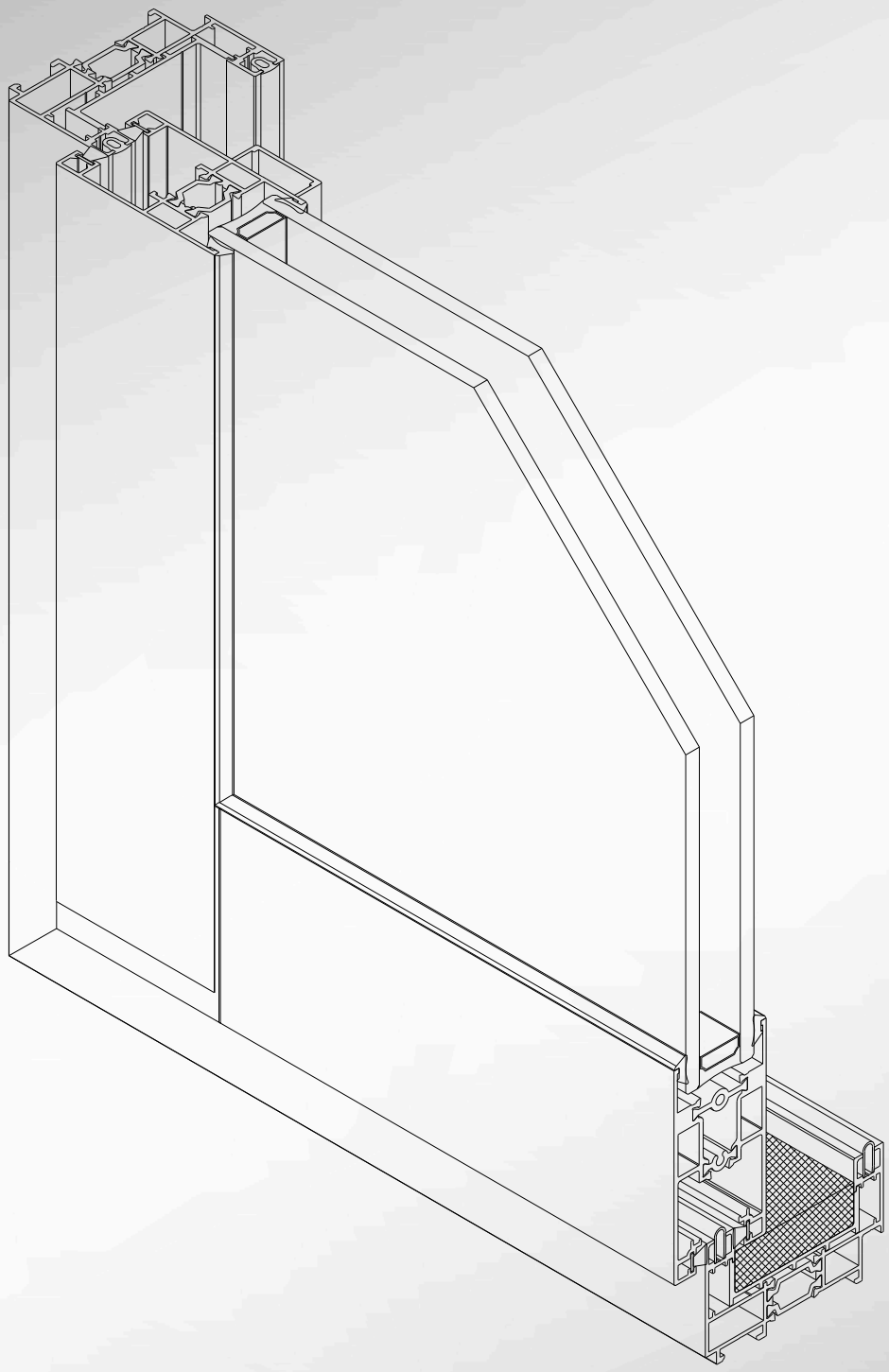
Ölçek : 1/1

** **YUKARIDA GÖRÜLEN PROFİL VE FİTİL İLİŞKİLERİ TEORİKTİR.**
THE RELATION BETWEEN PROFILES & GASKETS ARE THEORETICAL AS SEEN ABOVE.

İÇ VE DIŞTAKİ KAMA FİTİL BOŞLUĞU, MİNİMUM 2,5 MM VE MAKSİMUM 7 MM OLACAK ŞEKİLDE AYARLANMALIDIR
THE GAP OF THE INNER AND OUTER WEDGE GASKET SHALL BE ADJUSTED TO BE BETWEEN A MINIMUM OF 2.5 MM AND A MAXIMUM OF 7 MM.

CAM VE PROFİL TOLERANSLARI + VEYA - YÖNDE BERABER ÇALIŞARAK TEORİDE OLMASI GEREKENDEN BÜYÜK VEYA KÜÇÜK BİR FİTİL BOŞLUĞUNA NEDEN OLABİLİR.
THE GLASS AND THE PROFILE TOLERANCES CAN BE WORK AT + OR - DIRECTION TOGETHER. IT CAUSES THE GASKET'S SPACE BIGGER OR SMALLER THAN NORMAL.

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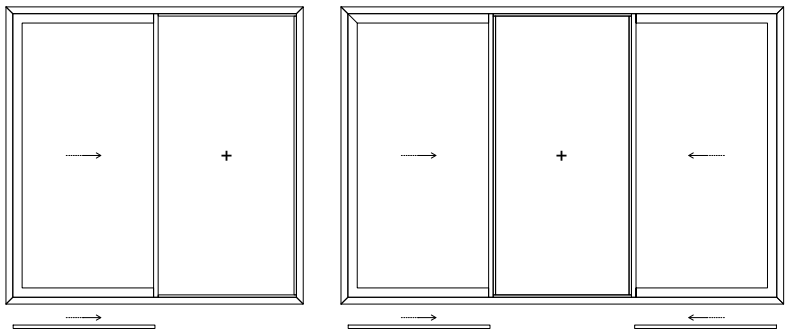
ÇİFT RAYLI UYGULANABİLİR AÇILIR TİP DETAYLARI/

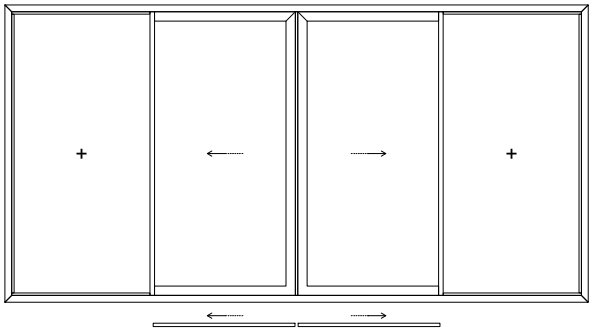
DOUBLE RAIL APPLICABLE WORKING TYPES DETAILS

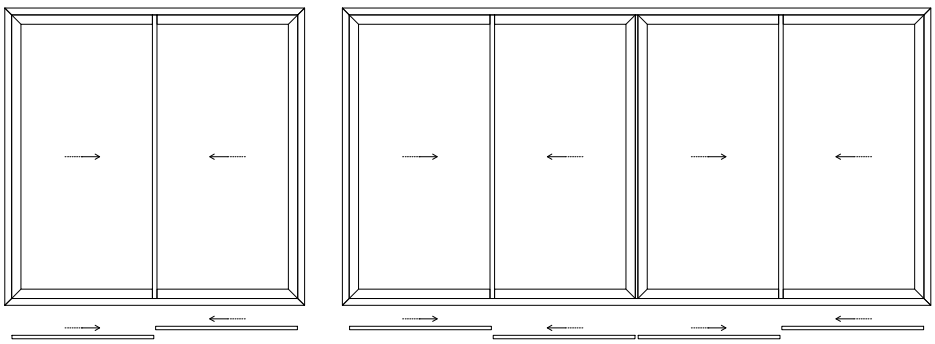
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ÇİFT RAYLI UYGULANABİLİR AÇILIR TİPLERİ

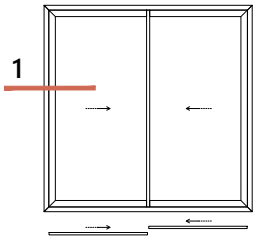
DOUBLE RAIL APPLICABLE WORKING TYPES

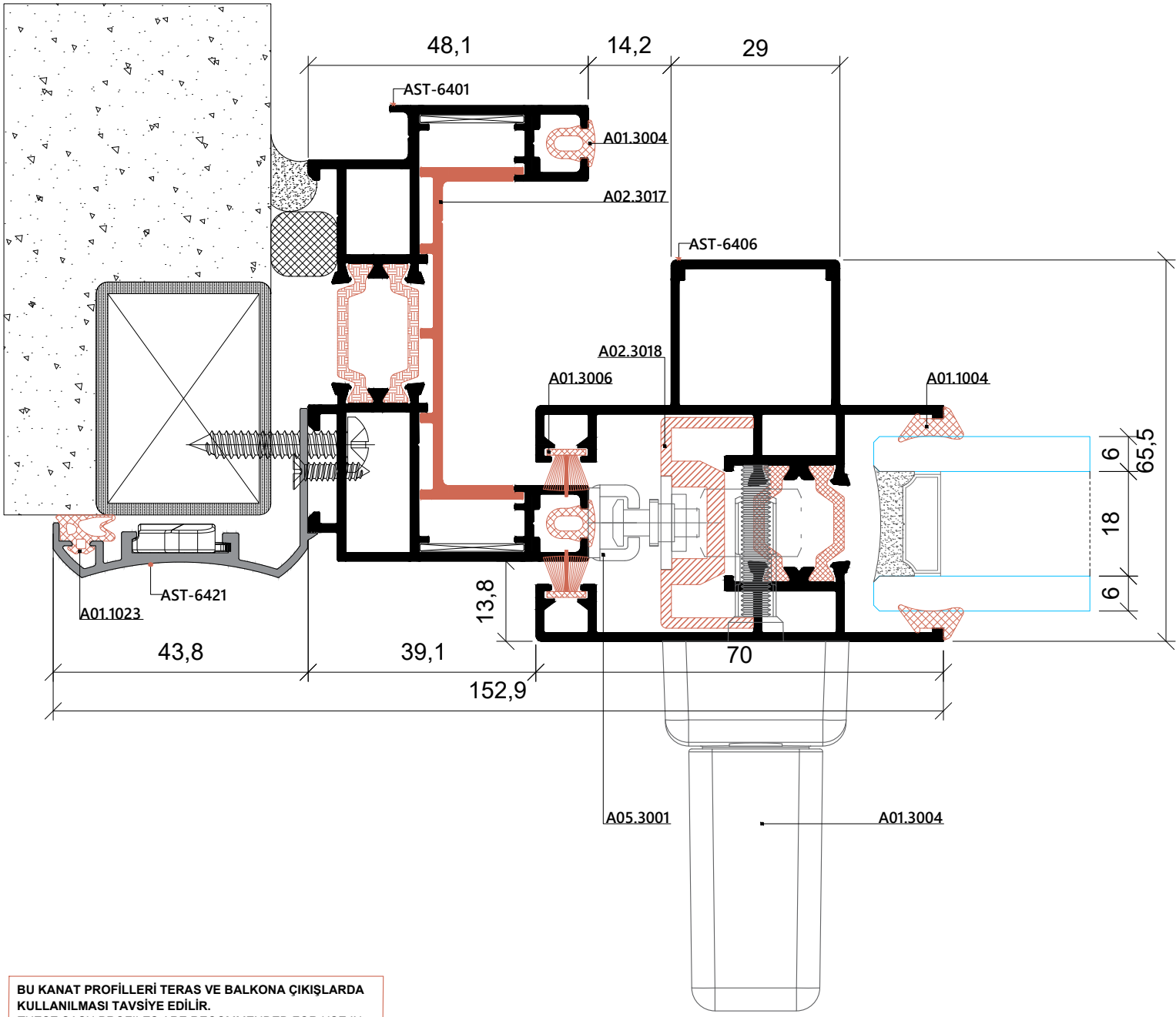






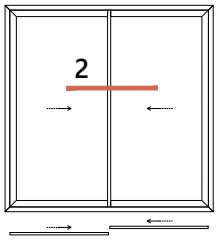
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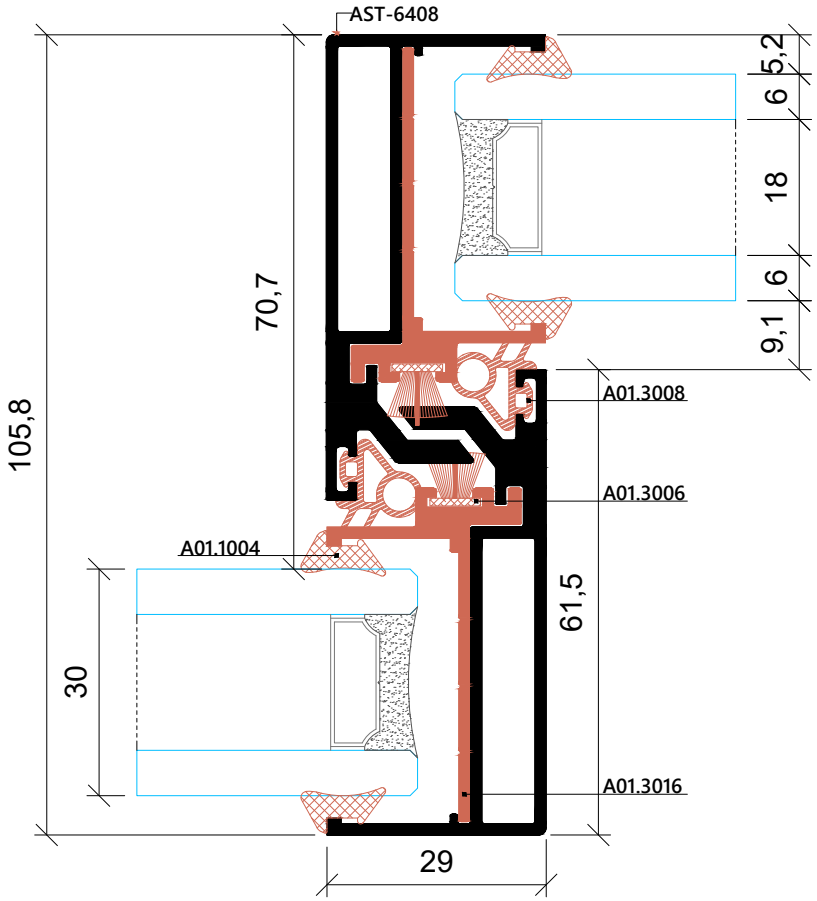




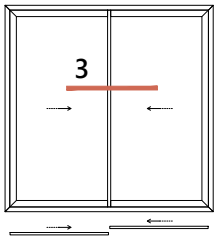
BU KANAT PROFİLLERİ TERAS VE BALKONA ÇIKIŞLARDA KULLANILMASI TAVSİYE EDİLİR.
THESE SASH PROFILES ARE RECOMMENDED FOR USE IN TERRACE AND BALCONY SLIDING DOOR SYSTEMS.

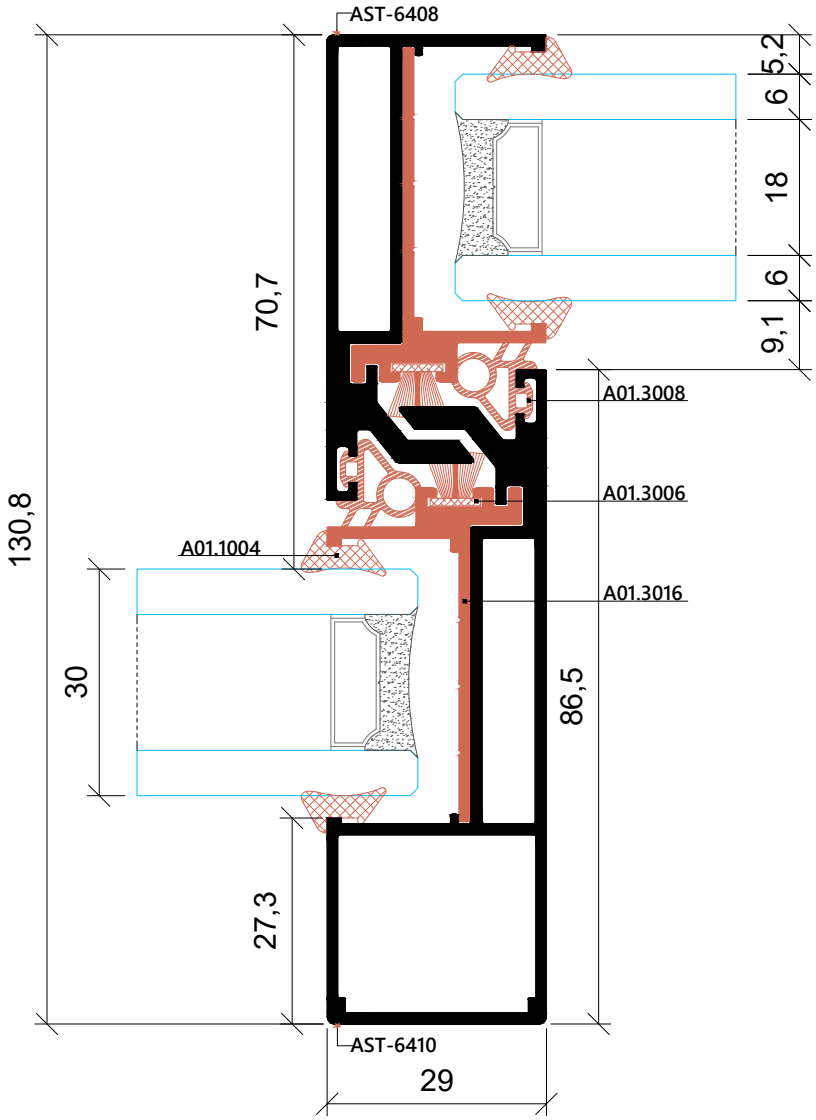
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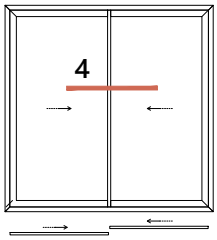


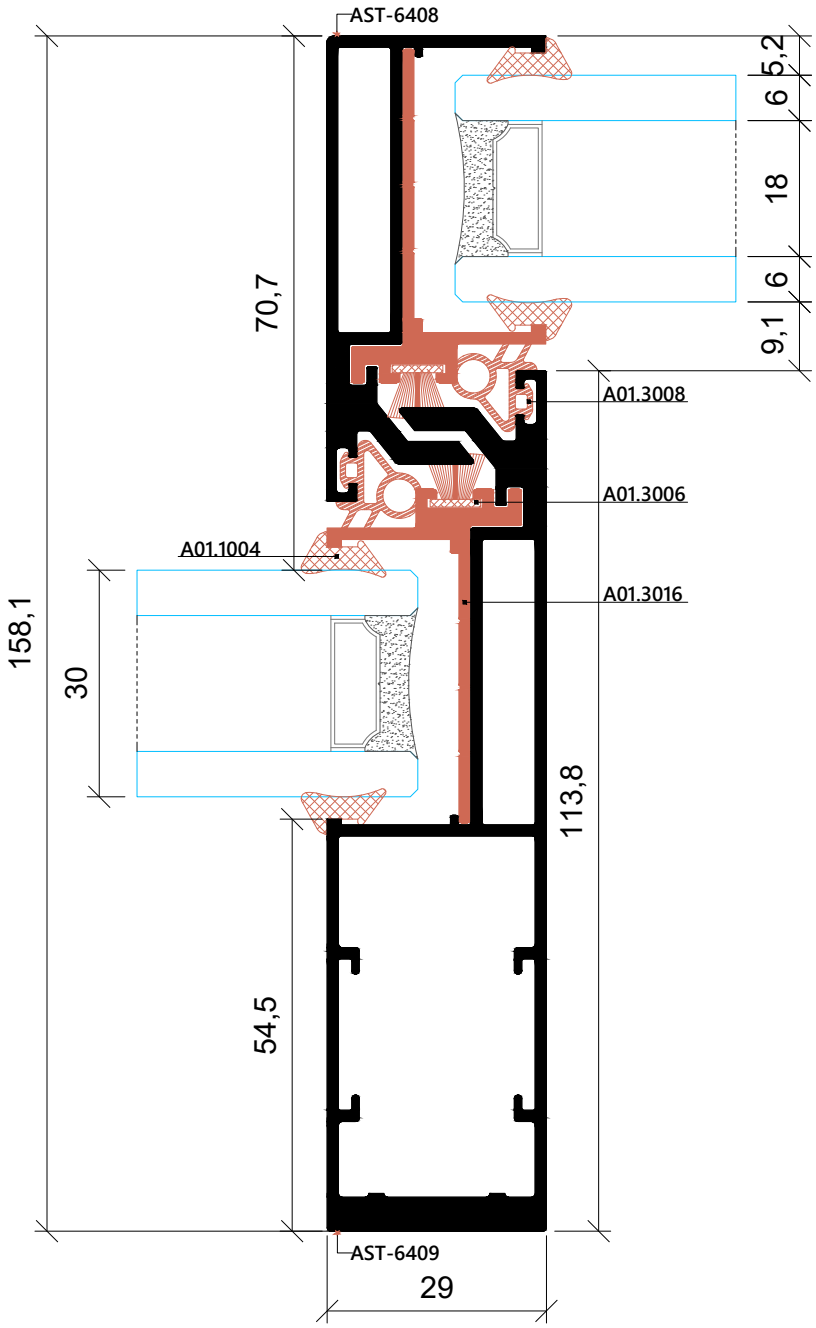
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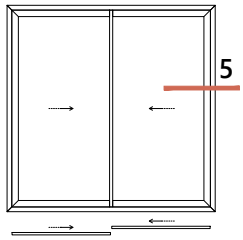


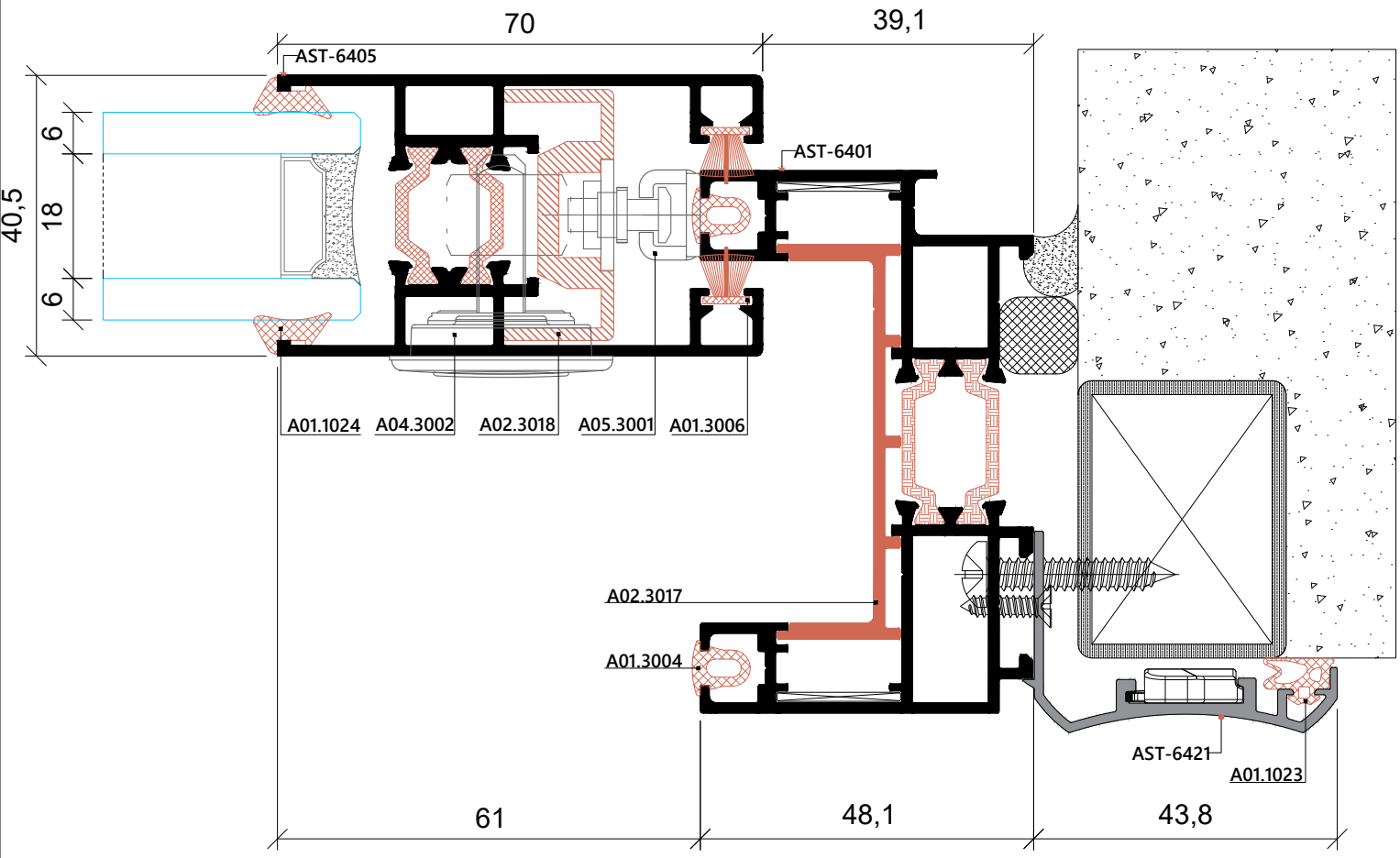
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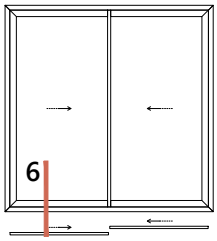


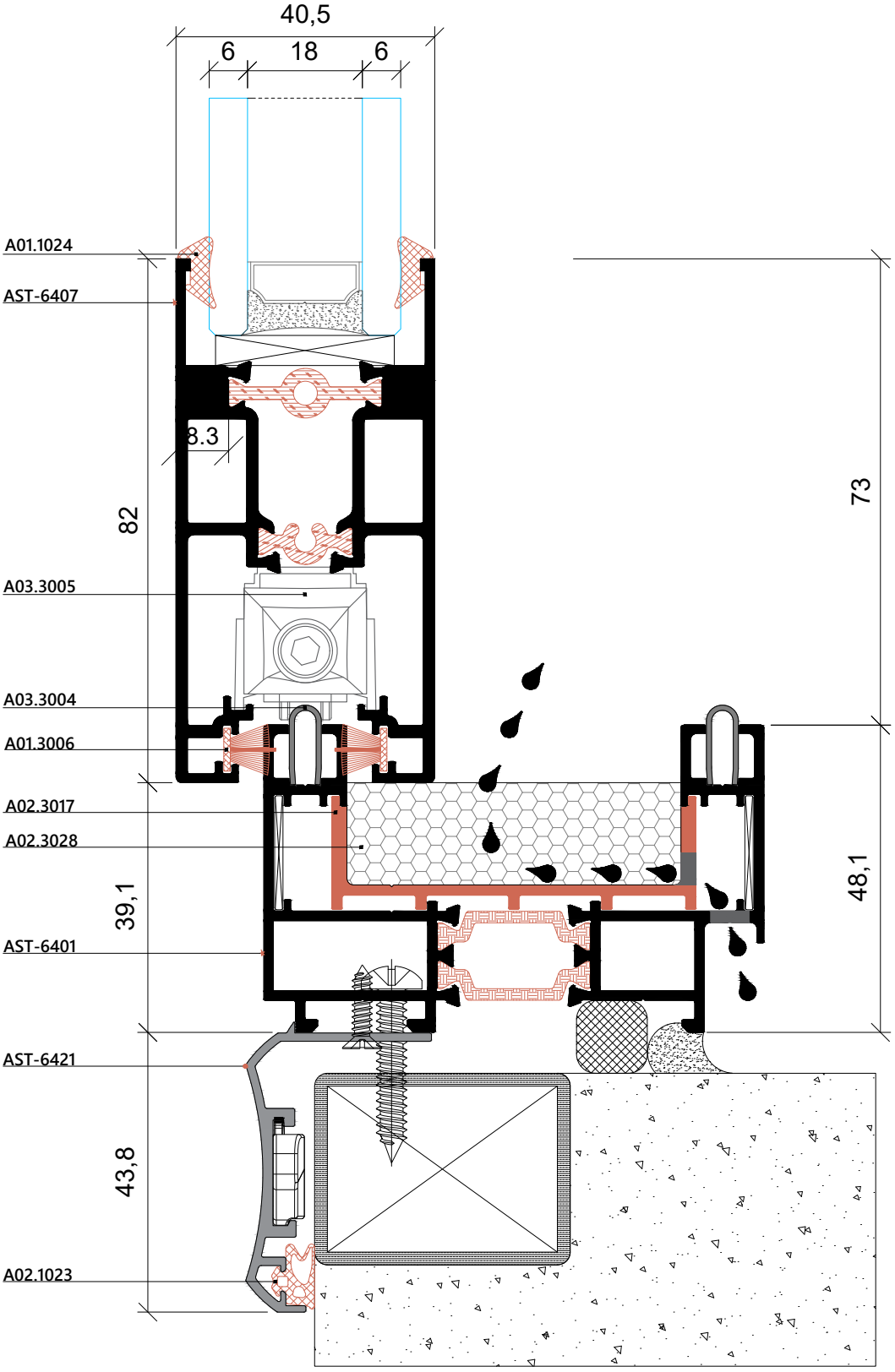
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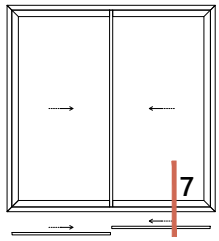


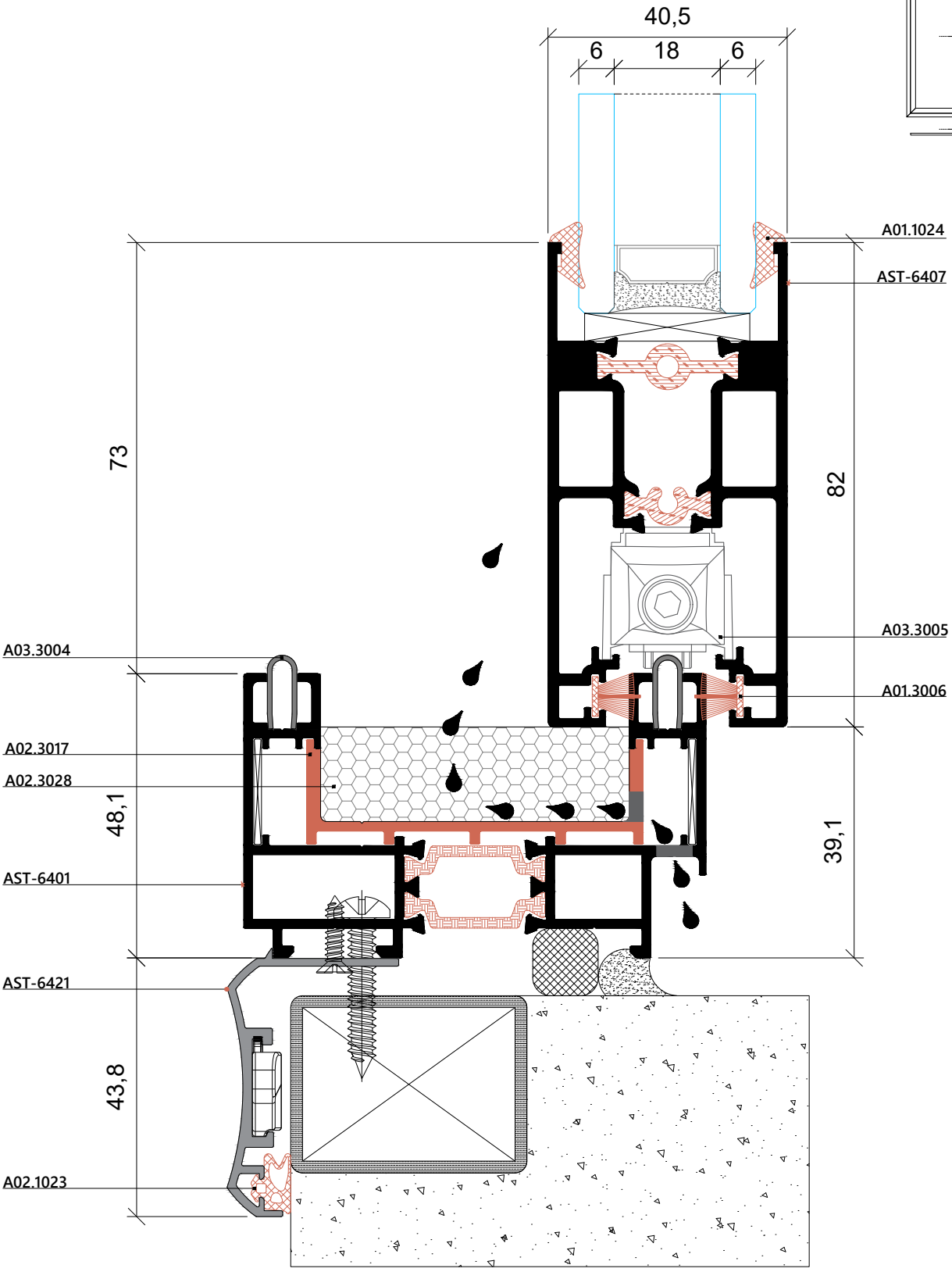
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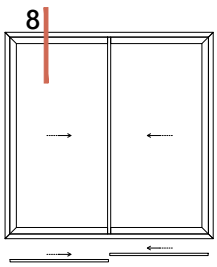


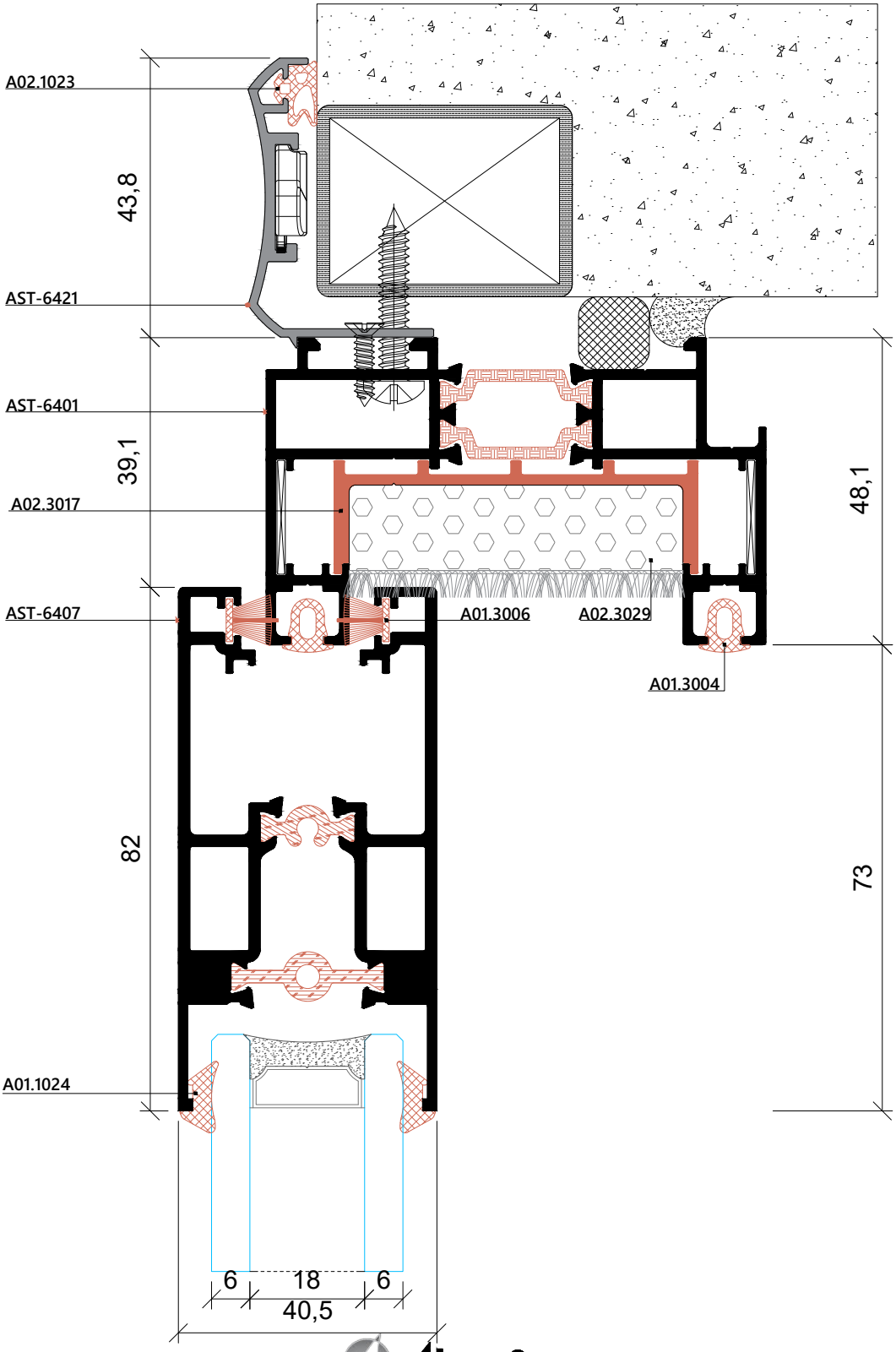
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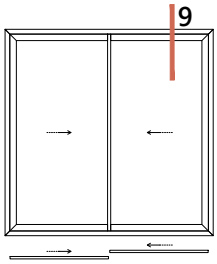


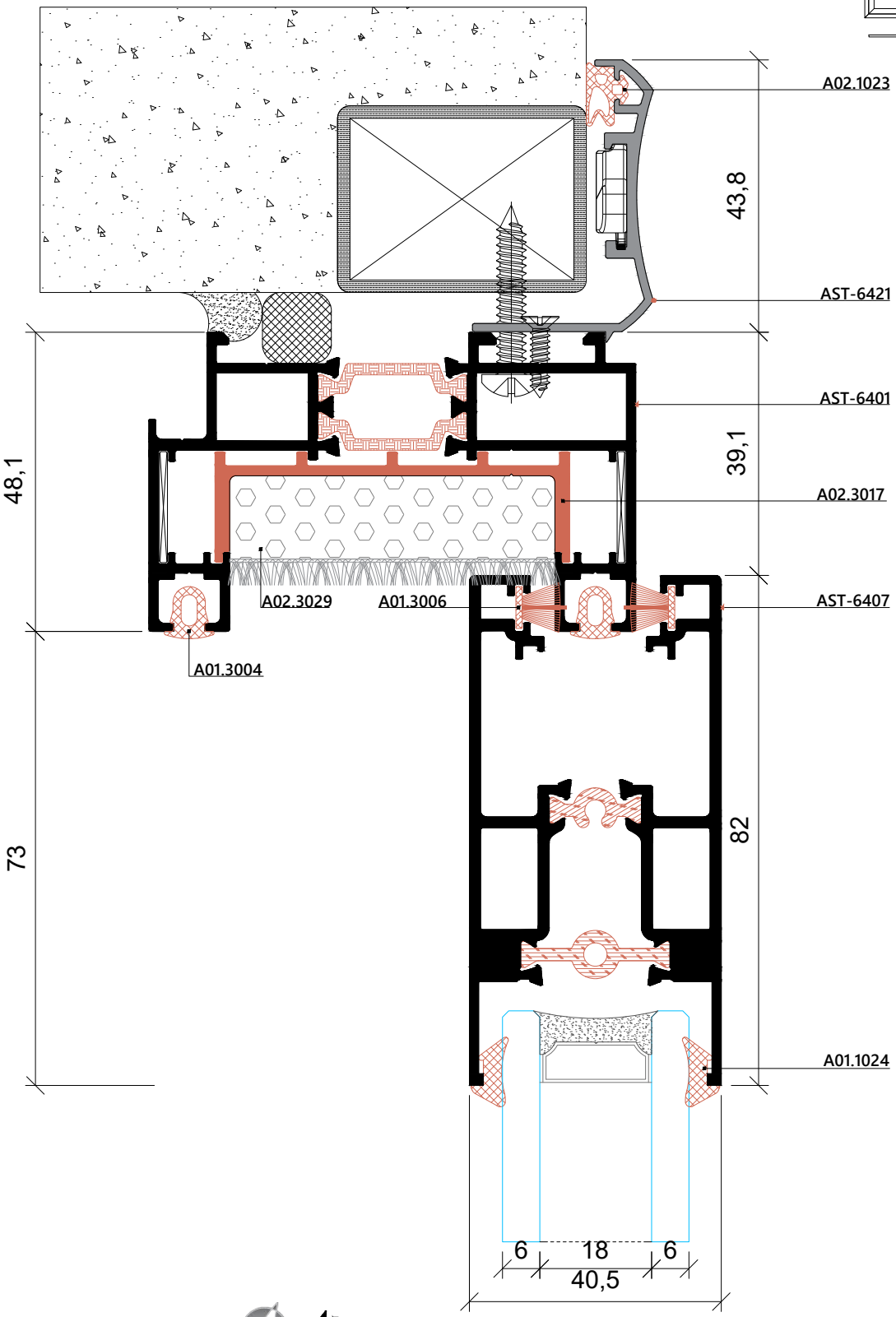
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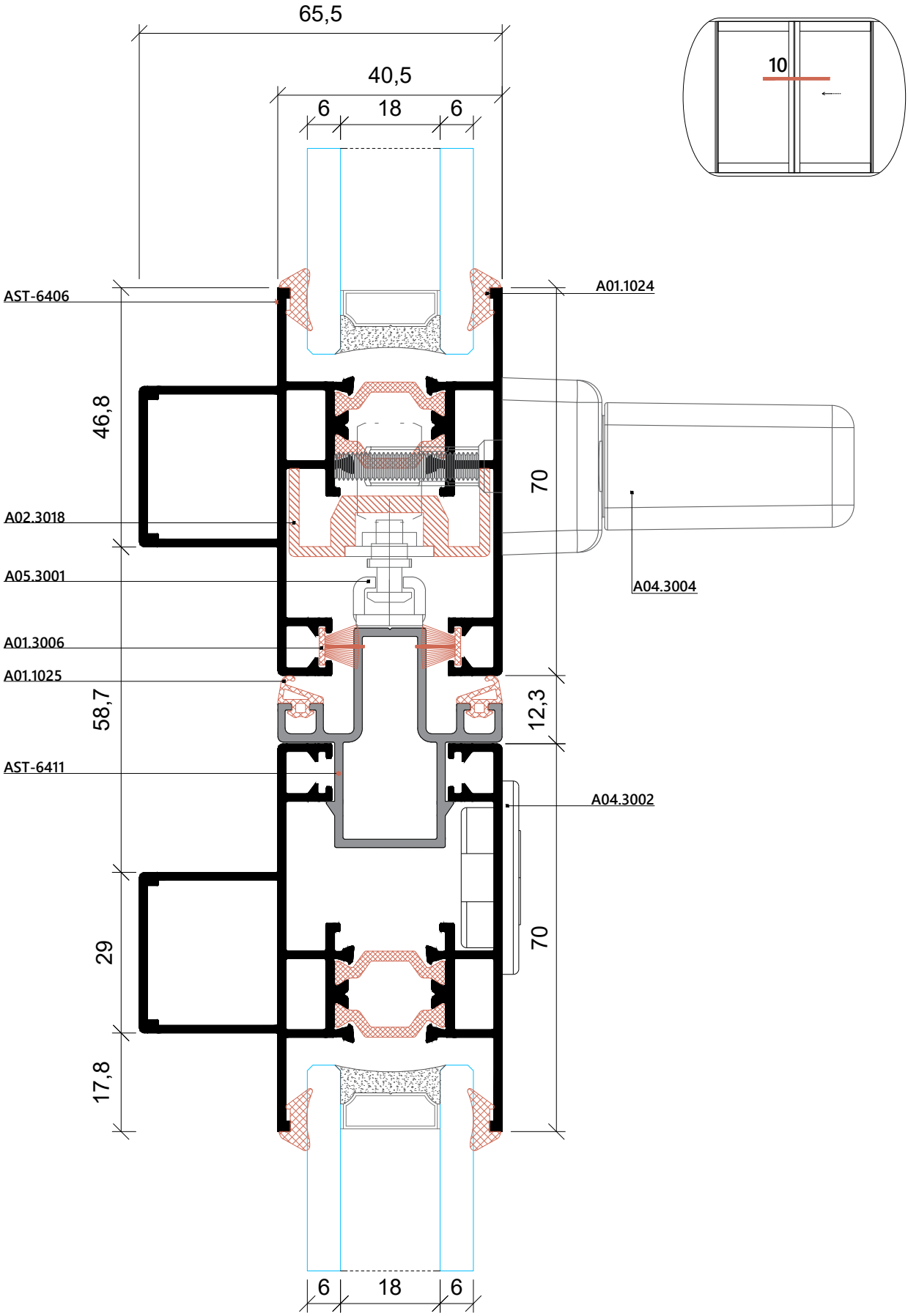


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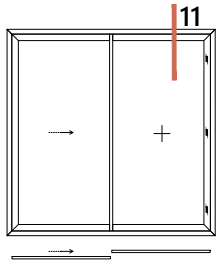


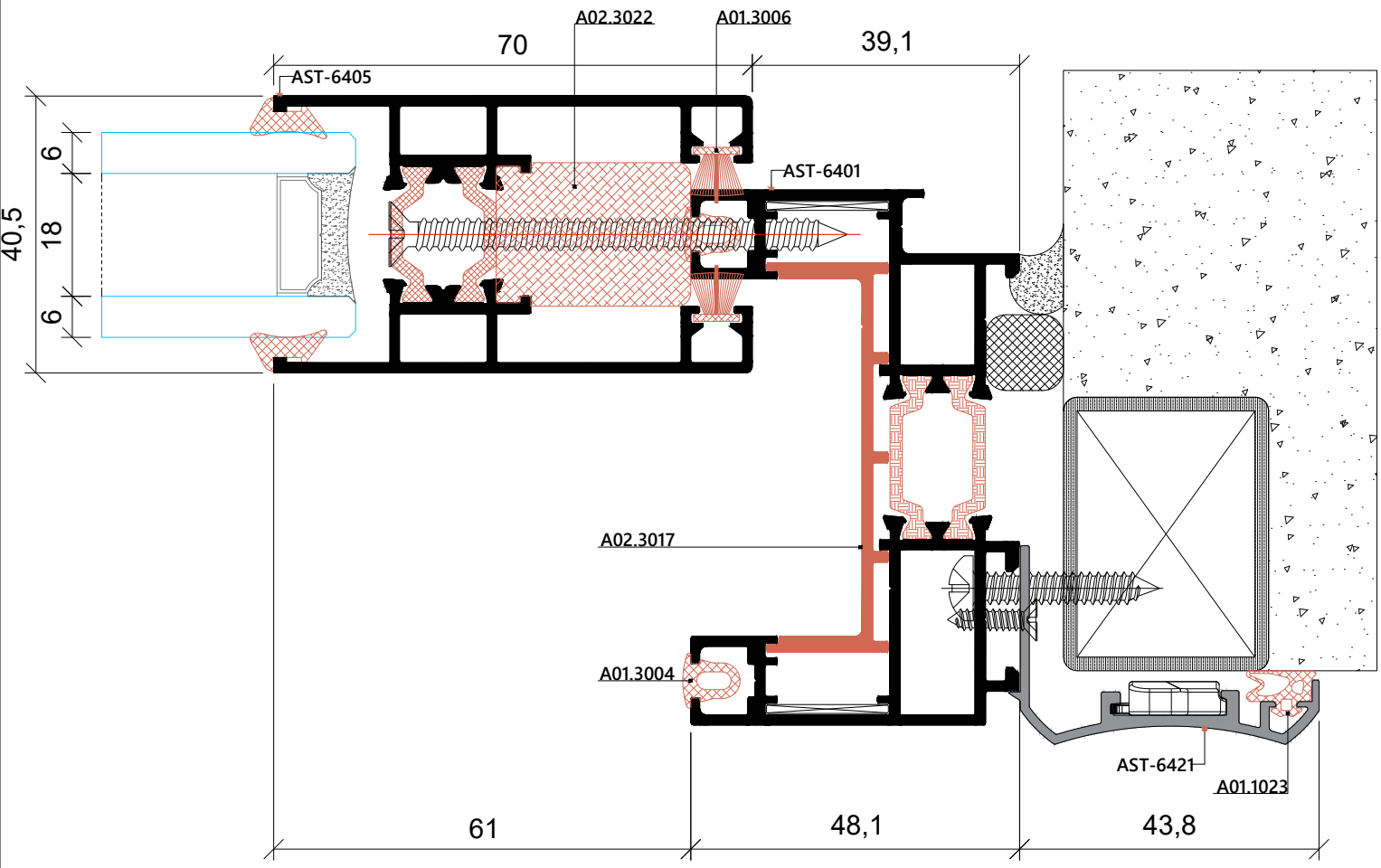


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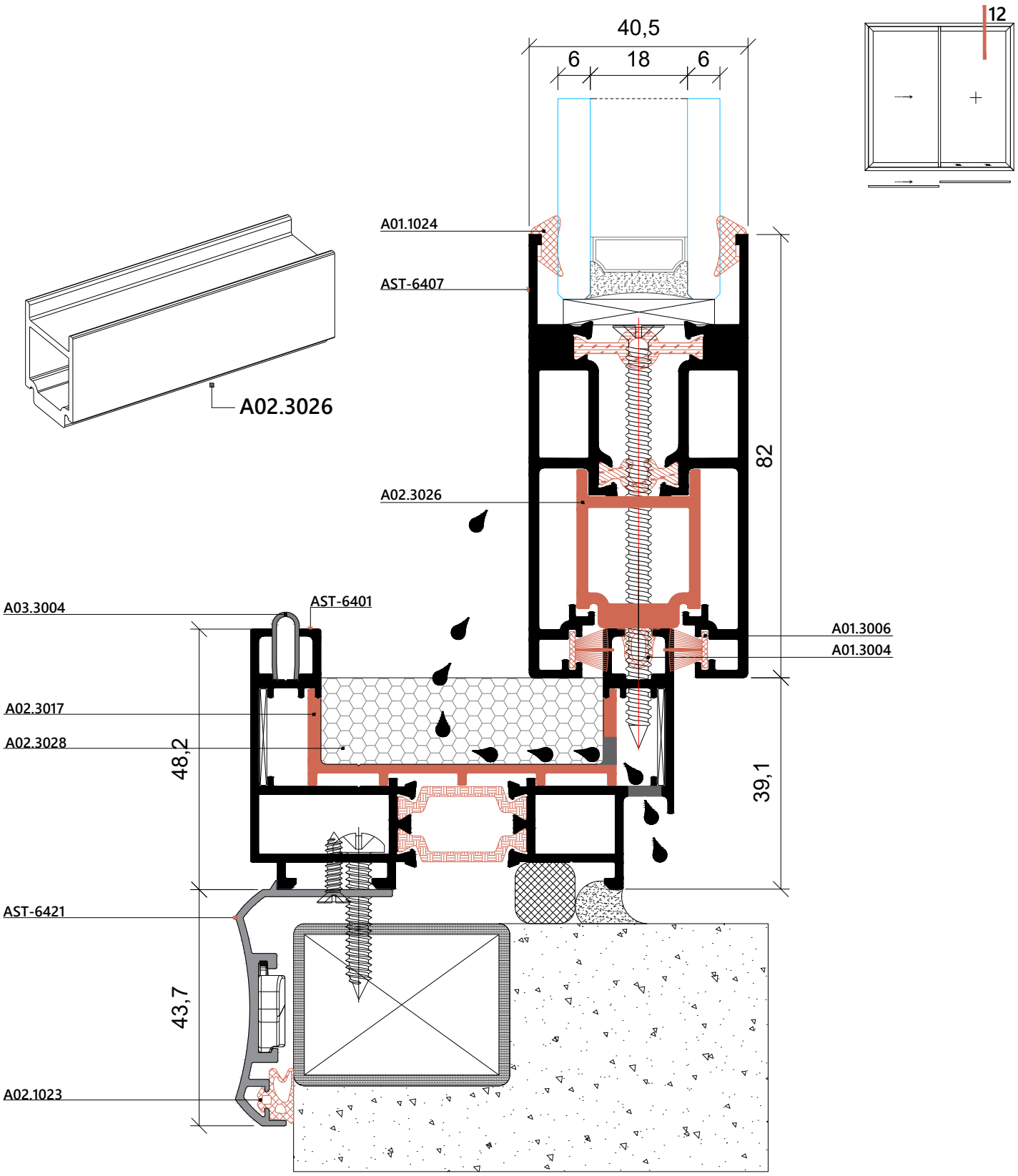


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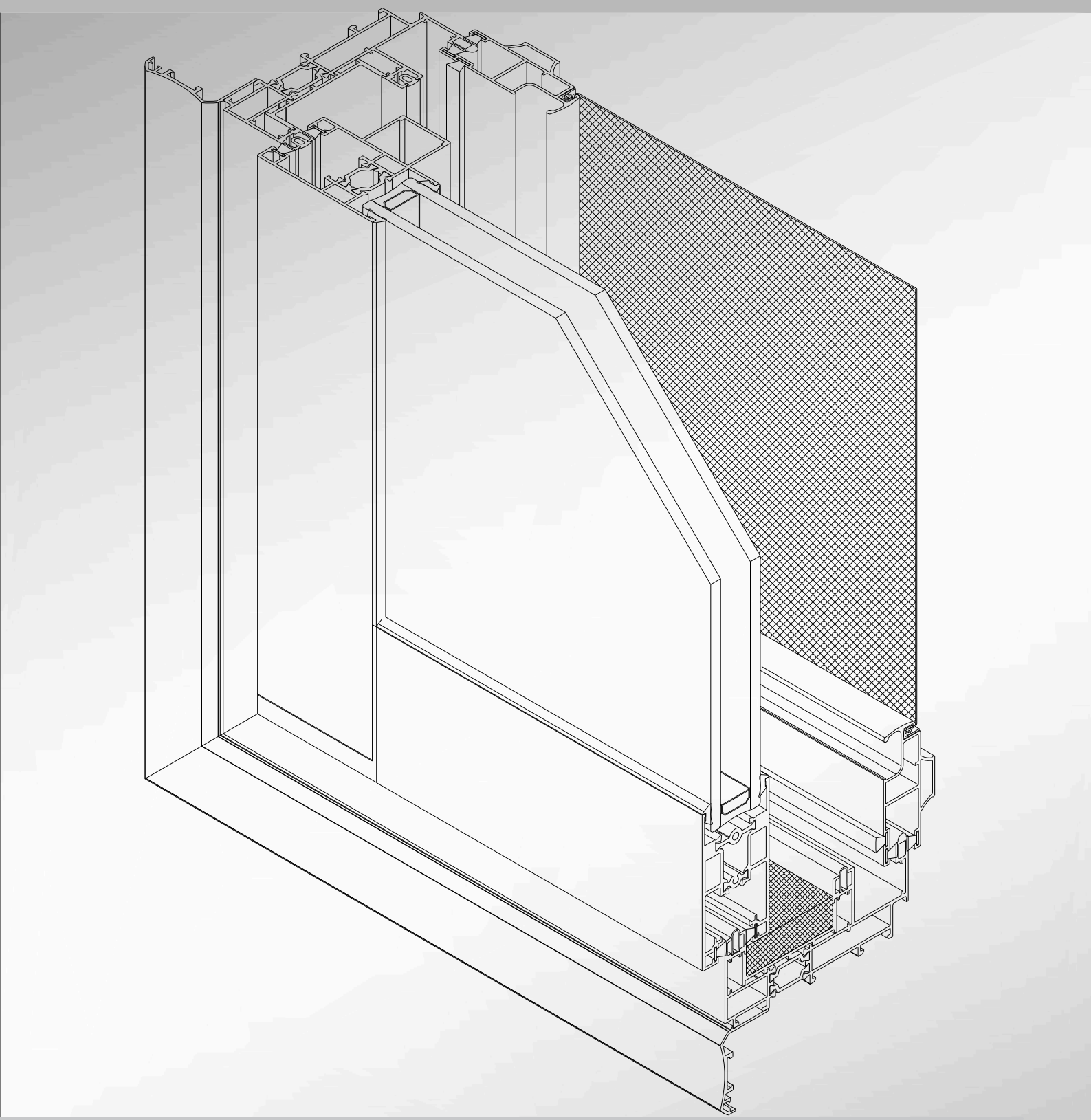
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FLOW LINE
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SİNEKLİK KASA UYGULANABİLİR AÇILIR TİP DETAYLARI/

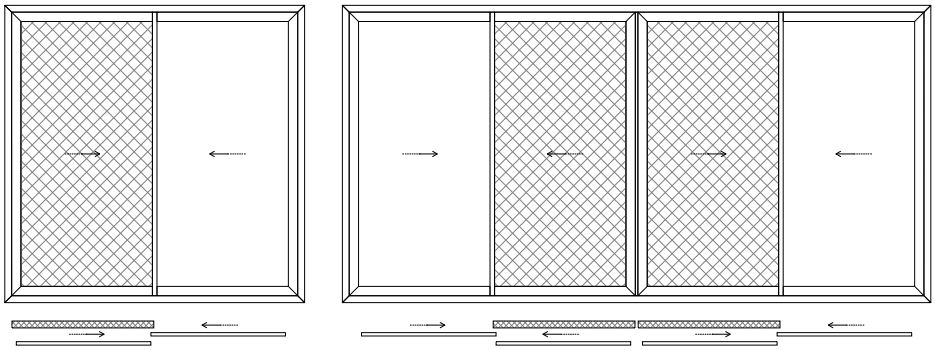
INSECT FRAME APPLICABLE WORKING TYPES DETAILS

Almin Alüminyum Profil *TESCİLLİ MARKASIDIR.*

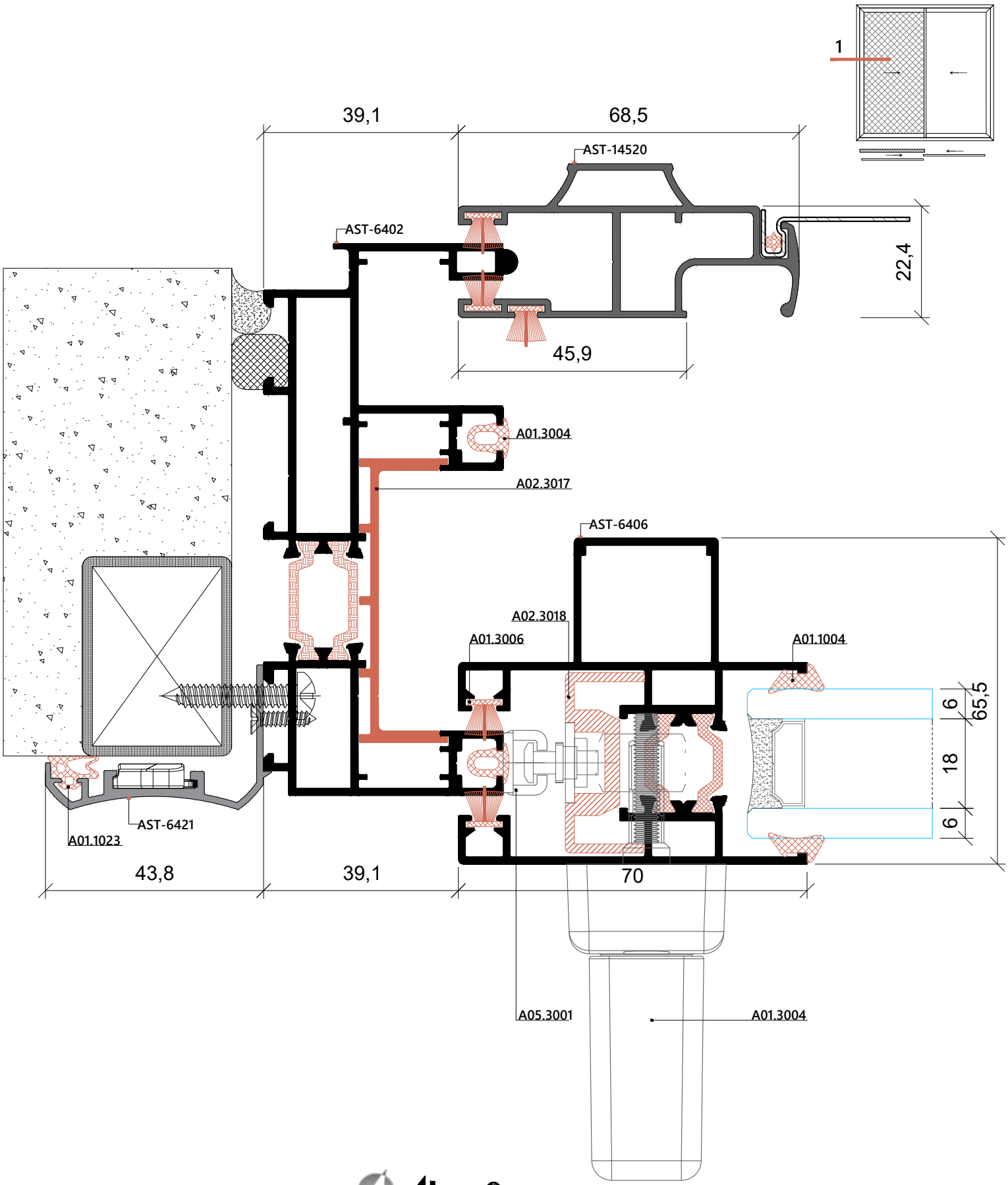
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SİNEKLİK KASA UYGULANABİLİR AÇILIR TİPLERİ

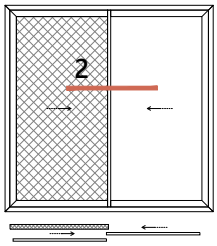
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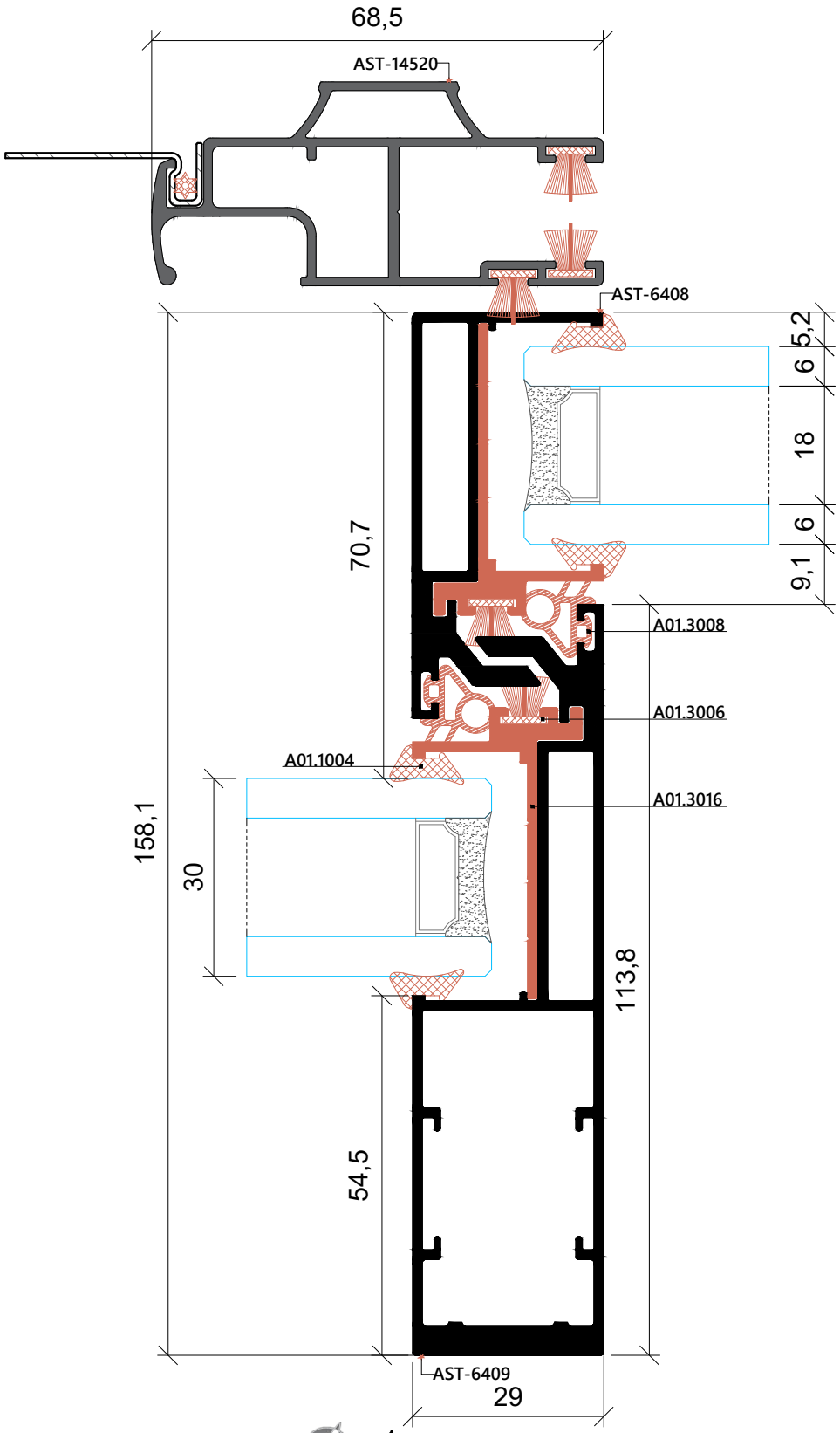


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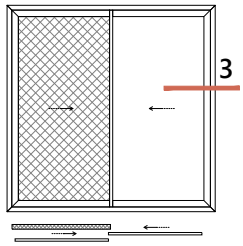
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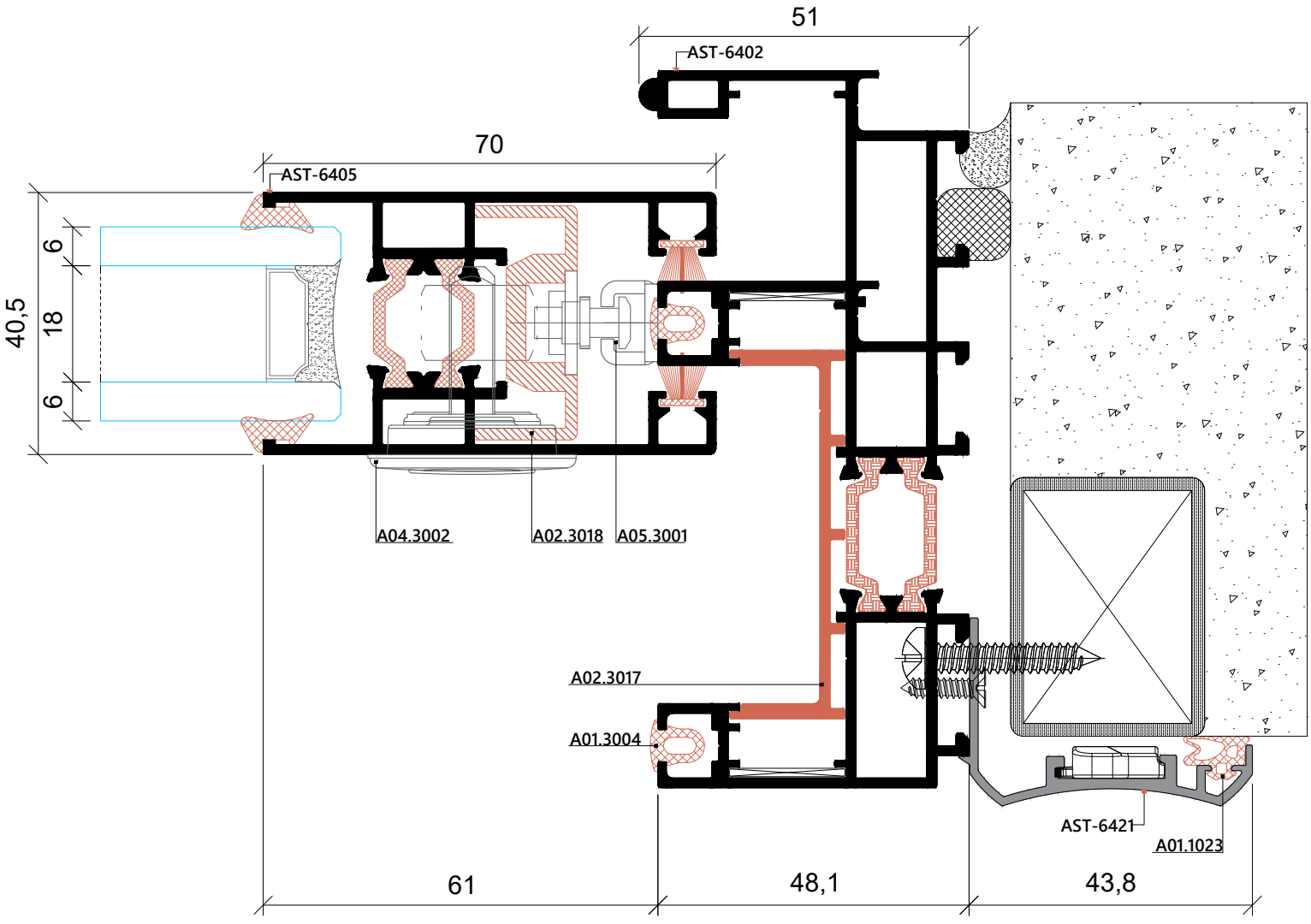




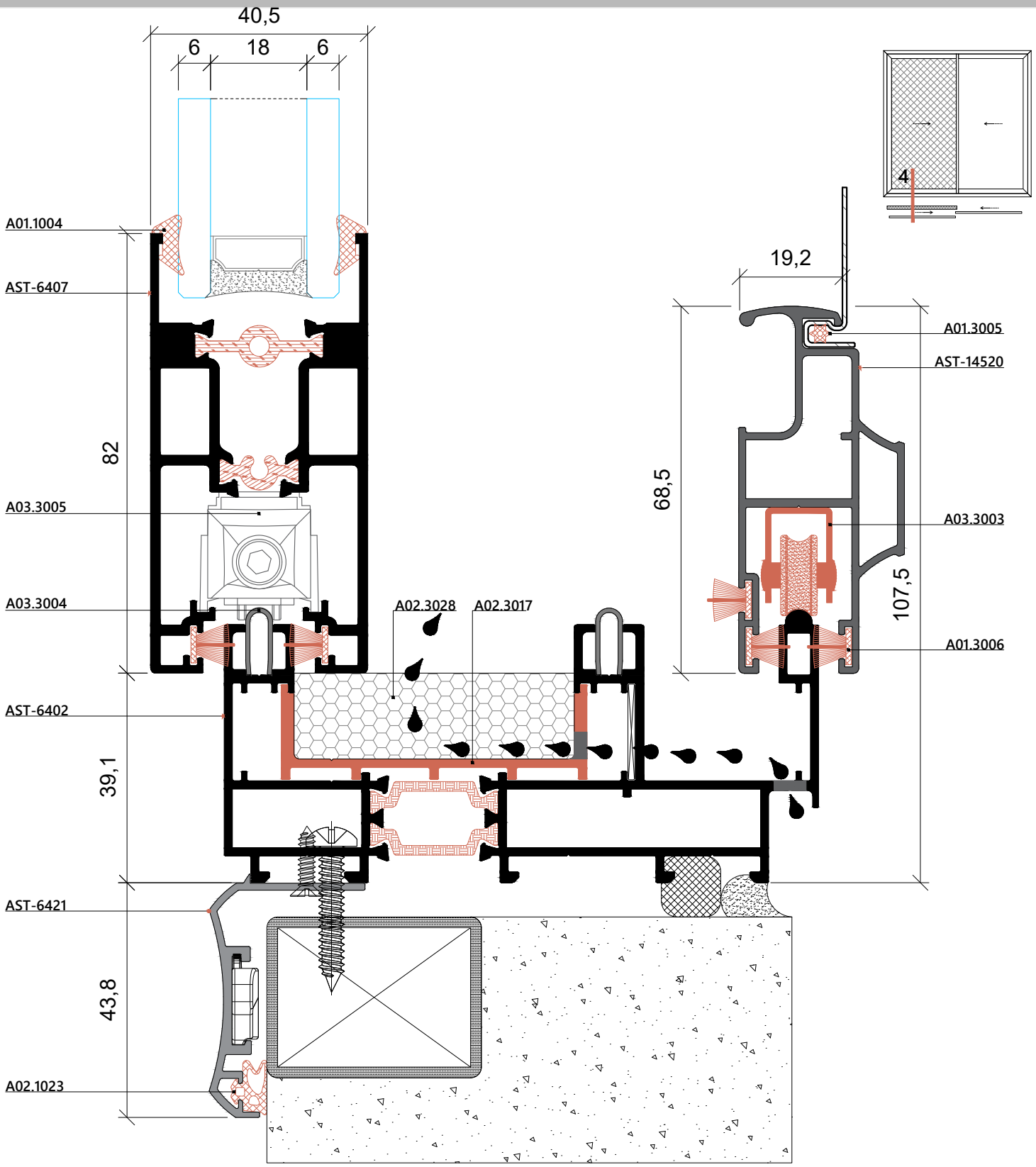
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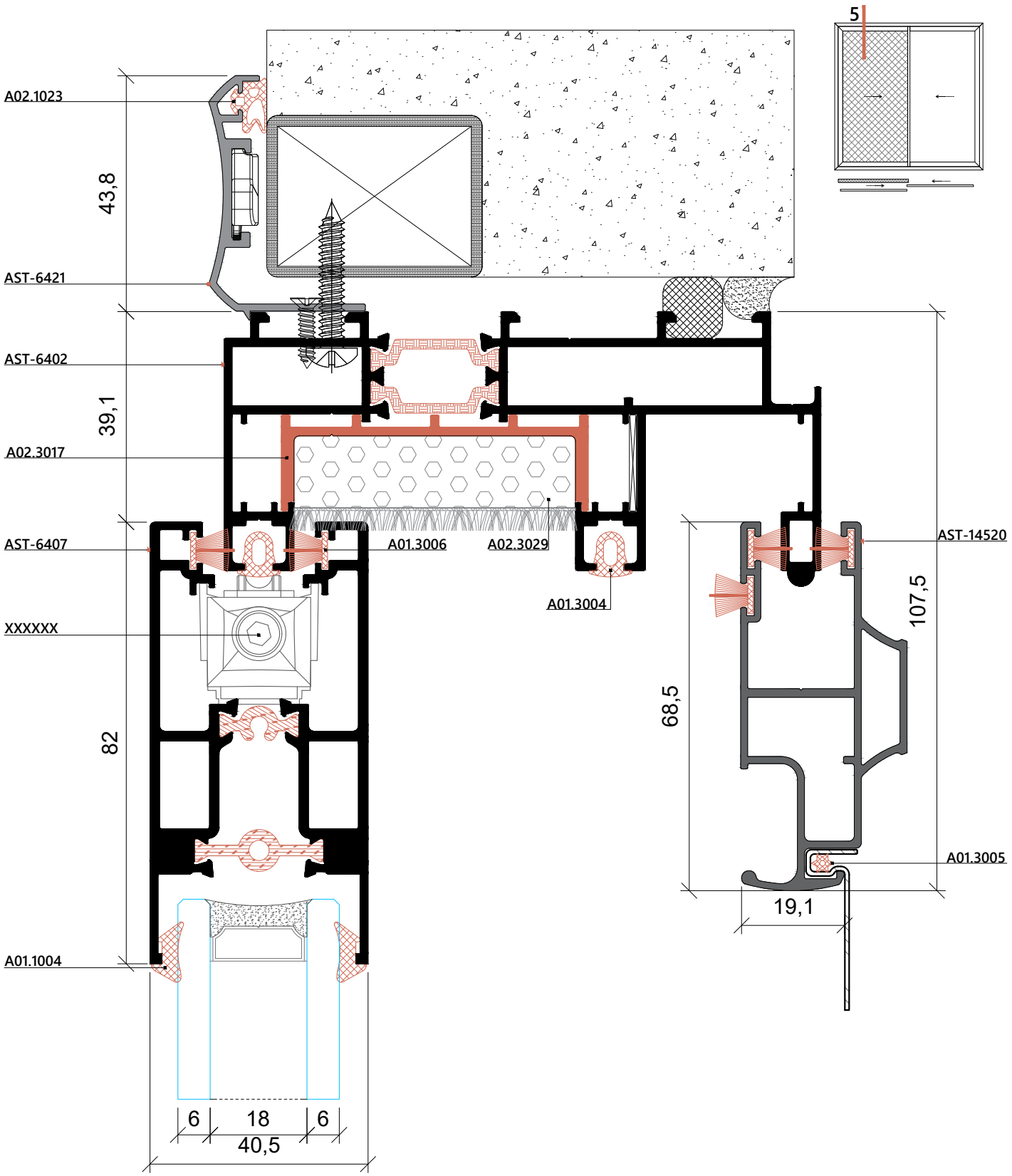




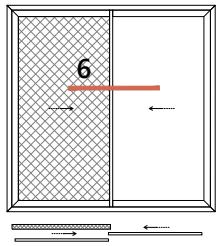
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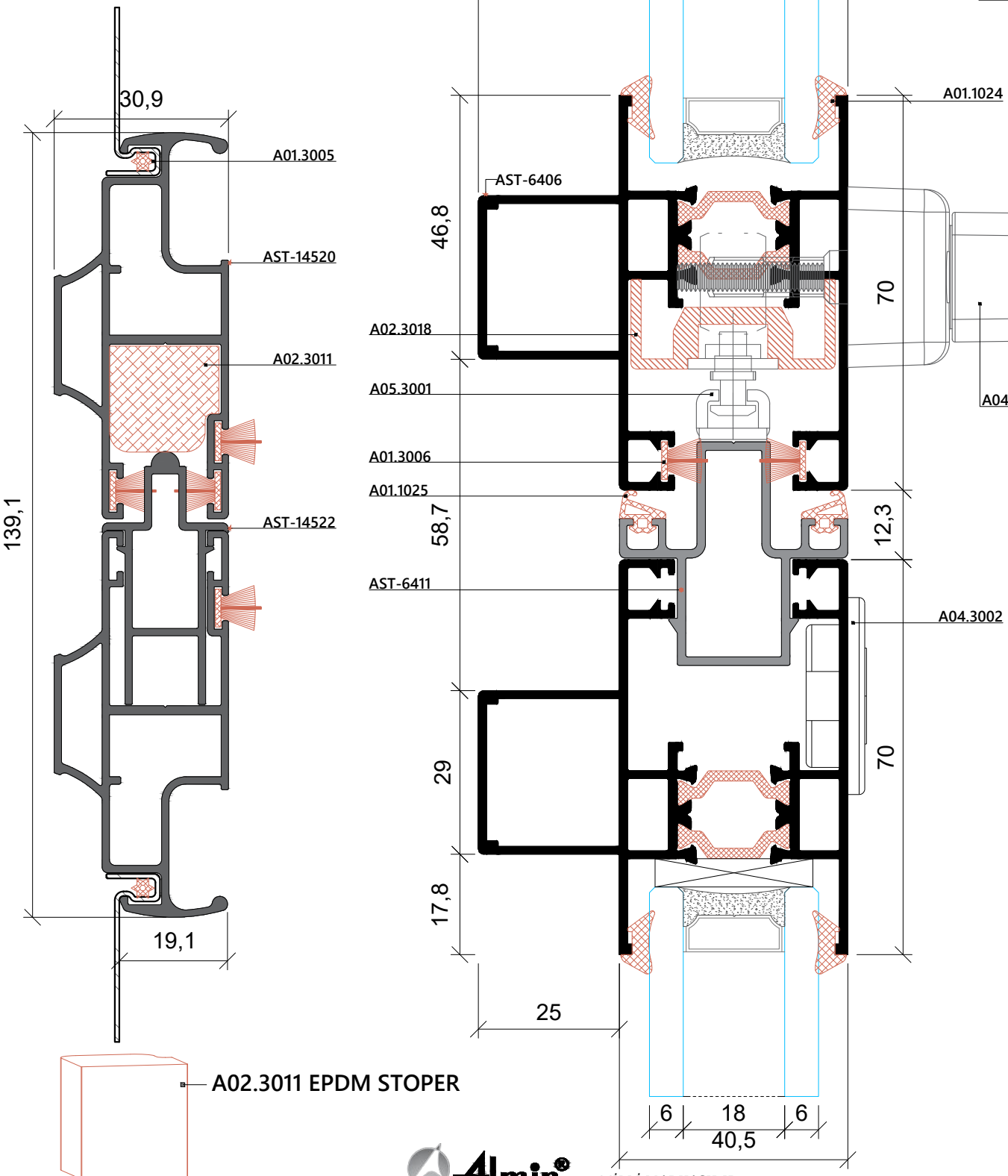


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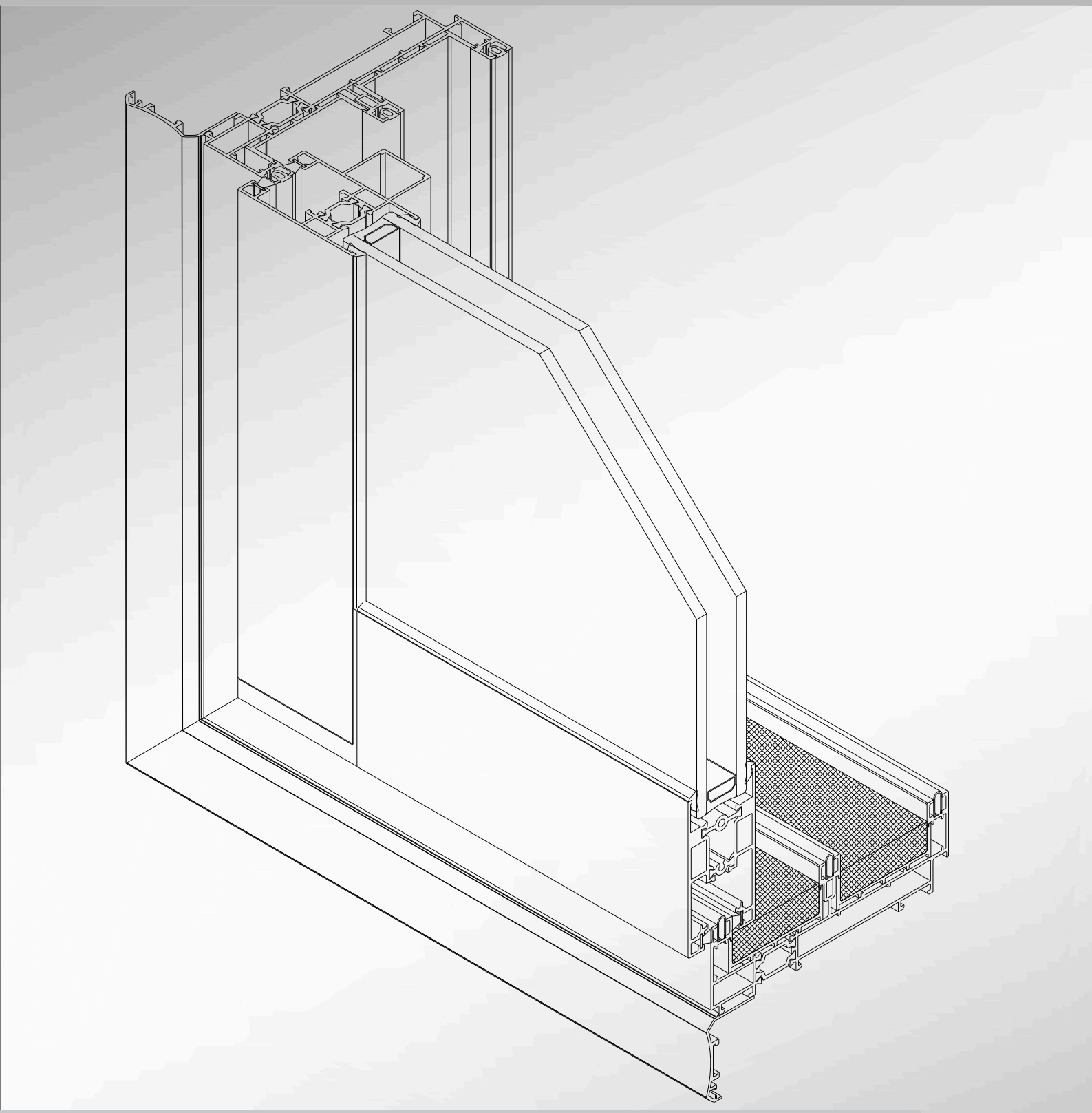




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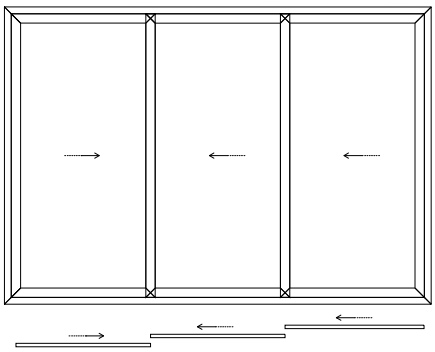
ÜÇ RAYLI UYGULANABİLİR AÇILIR TİP DETAYLARI/

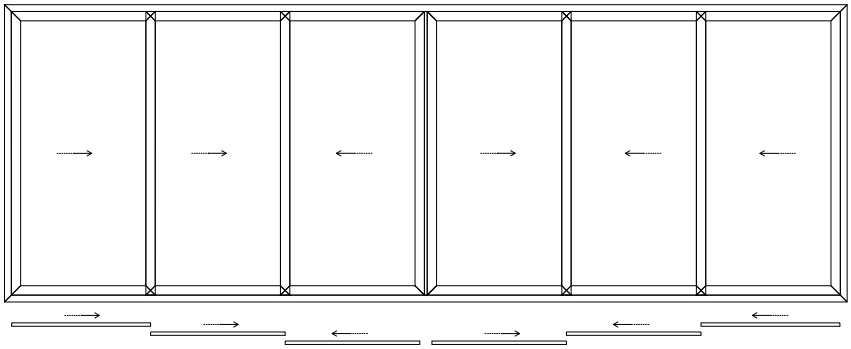
THREE RAIL APPLICABLE WORKING TYPES DETAILS

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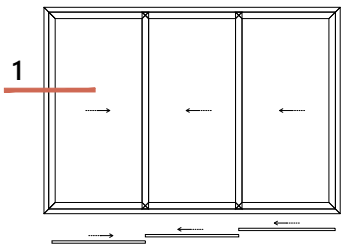
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THREE RAIL APPLICABLE WORKING TYPES

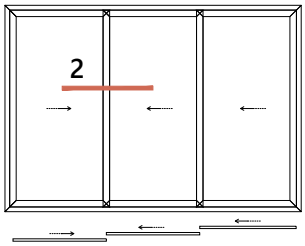


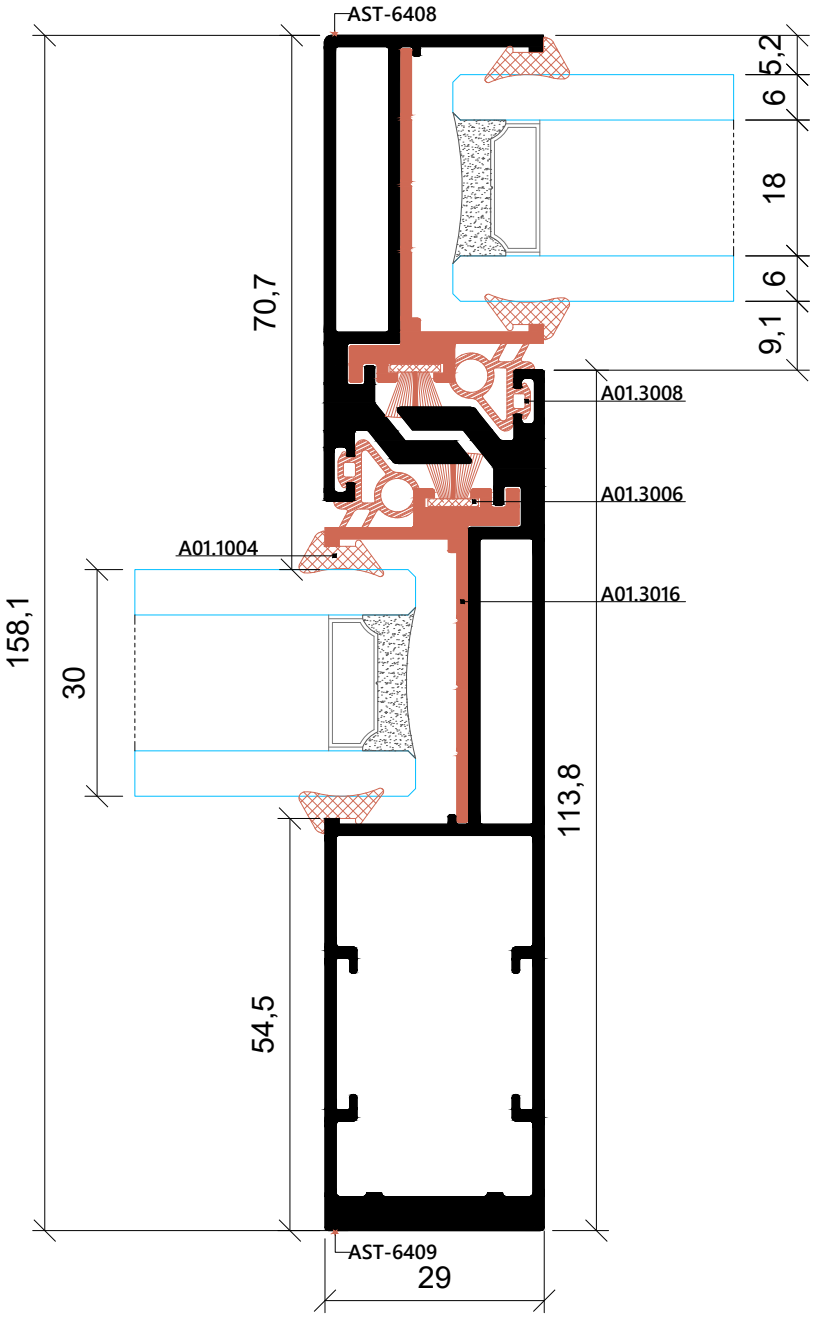


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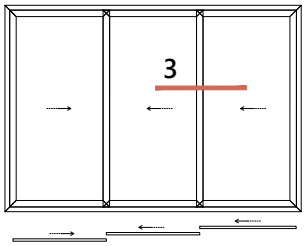


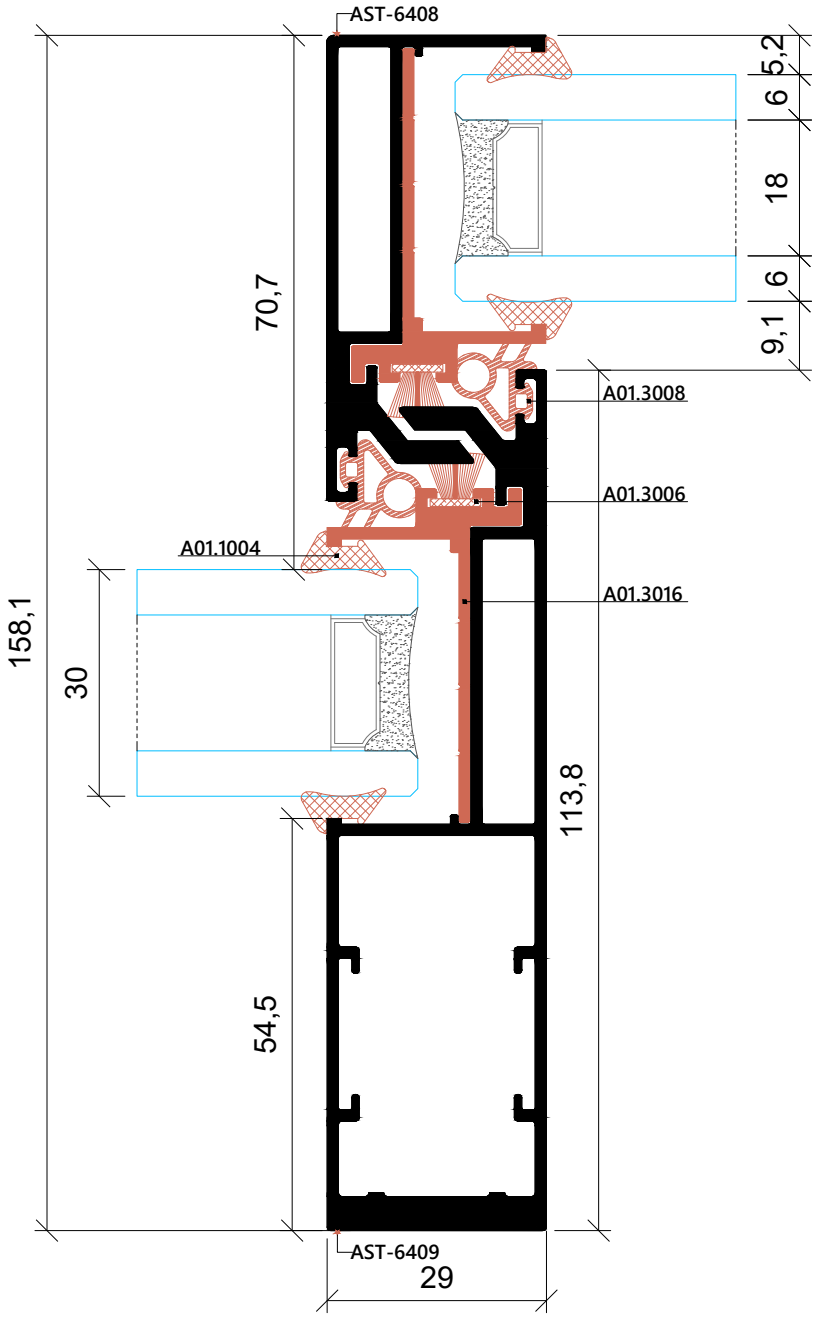
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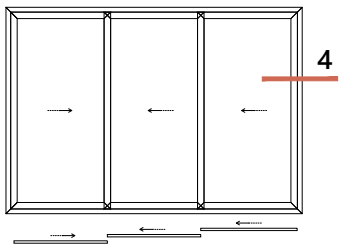


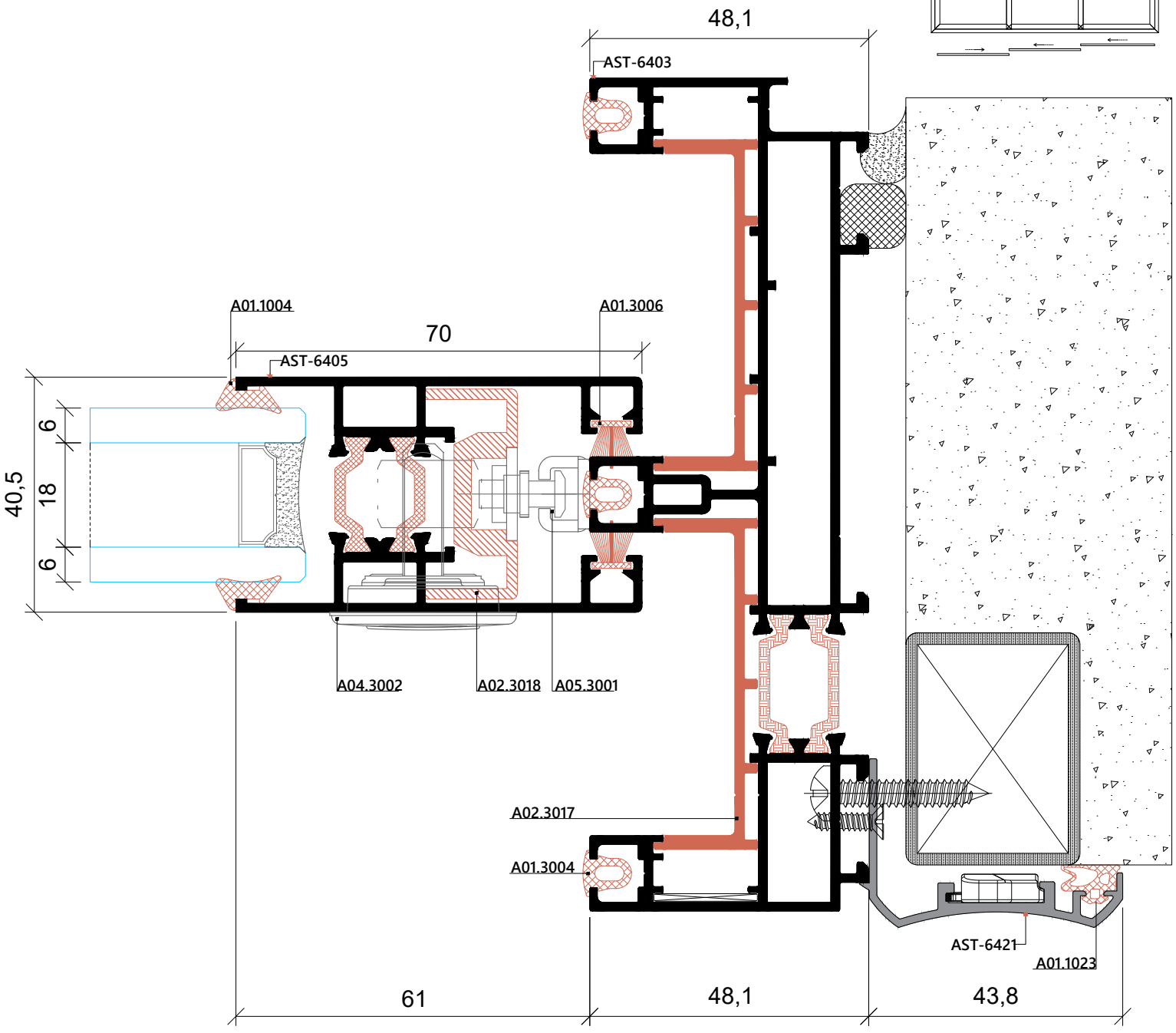
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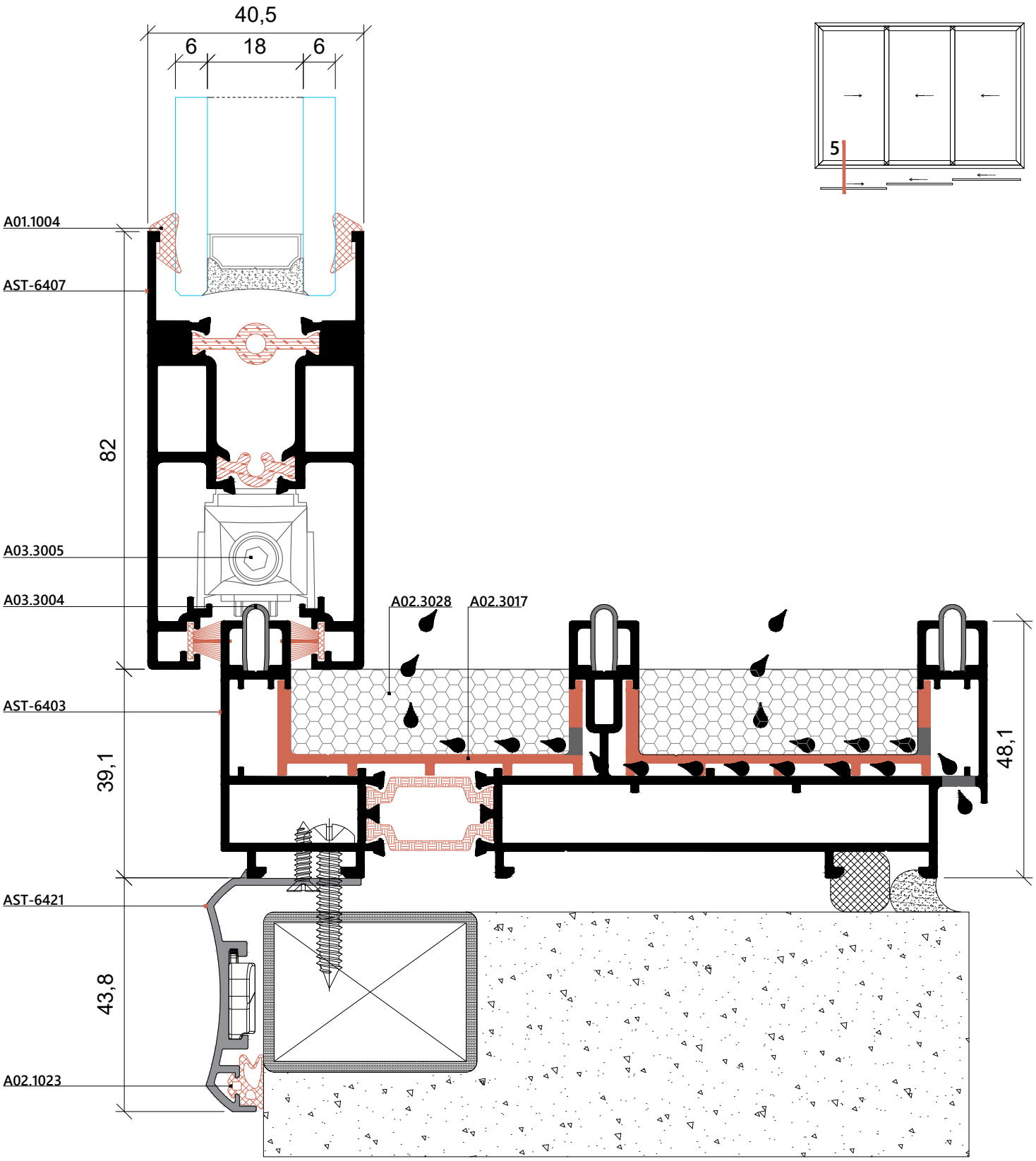


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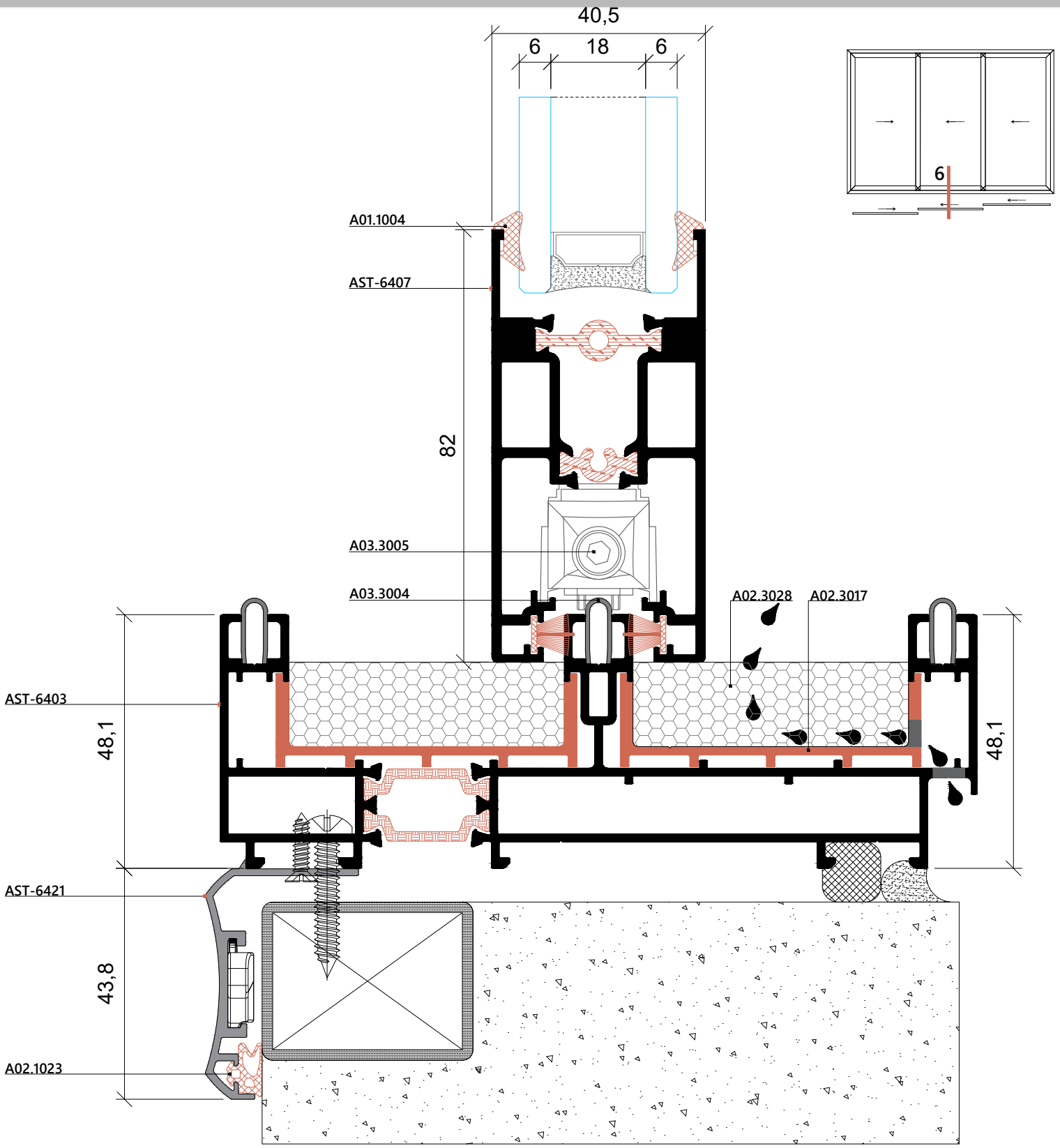




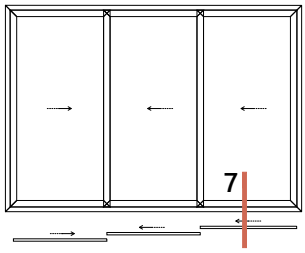
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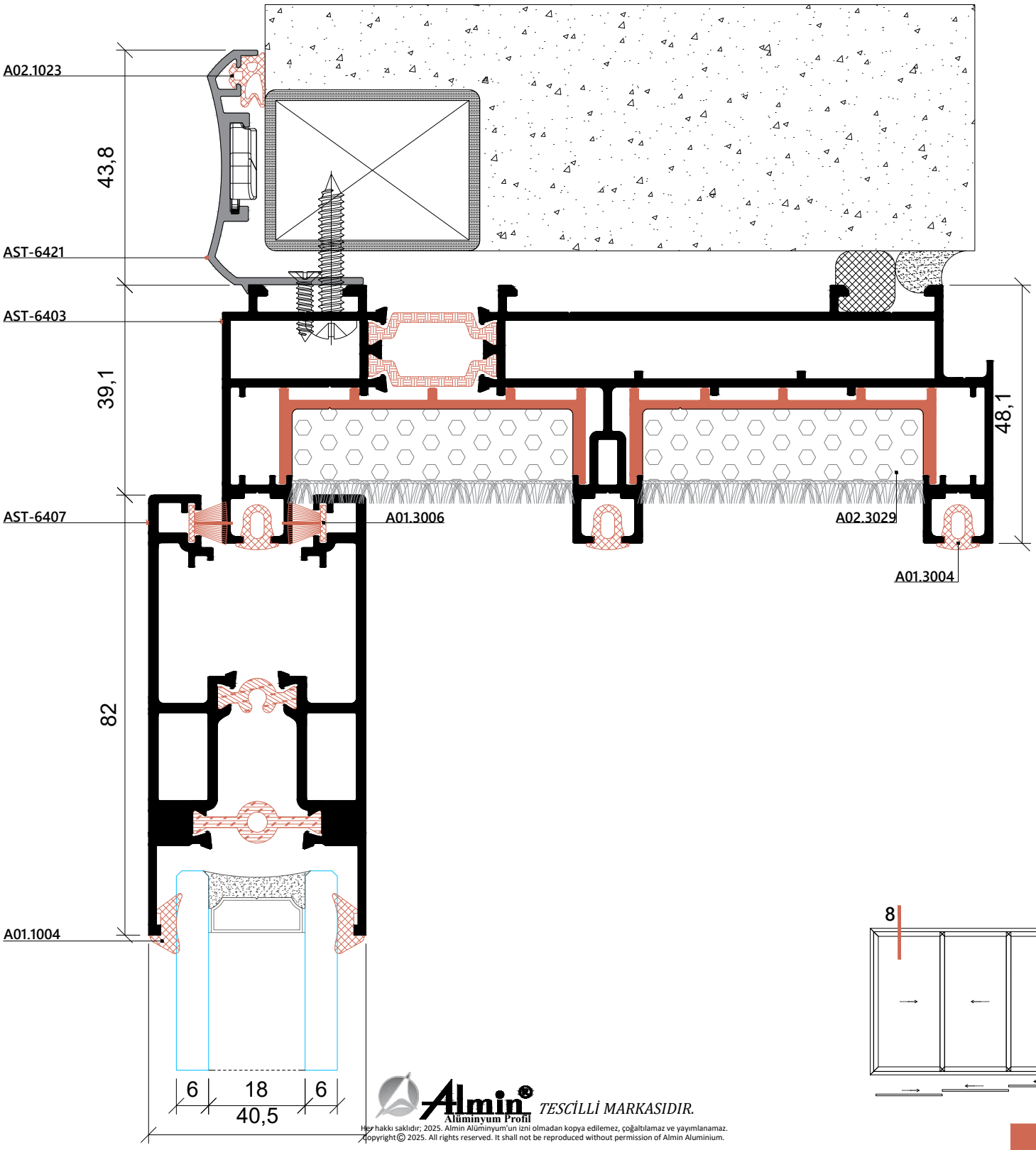
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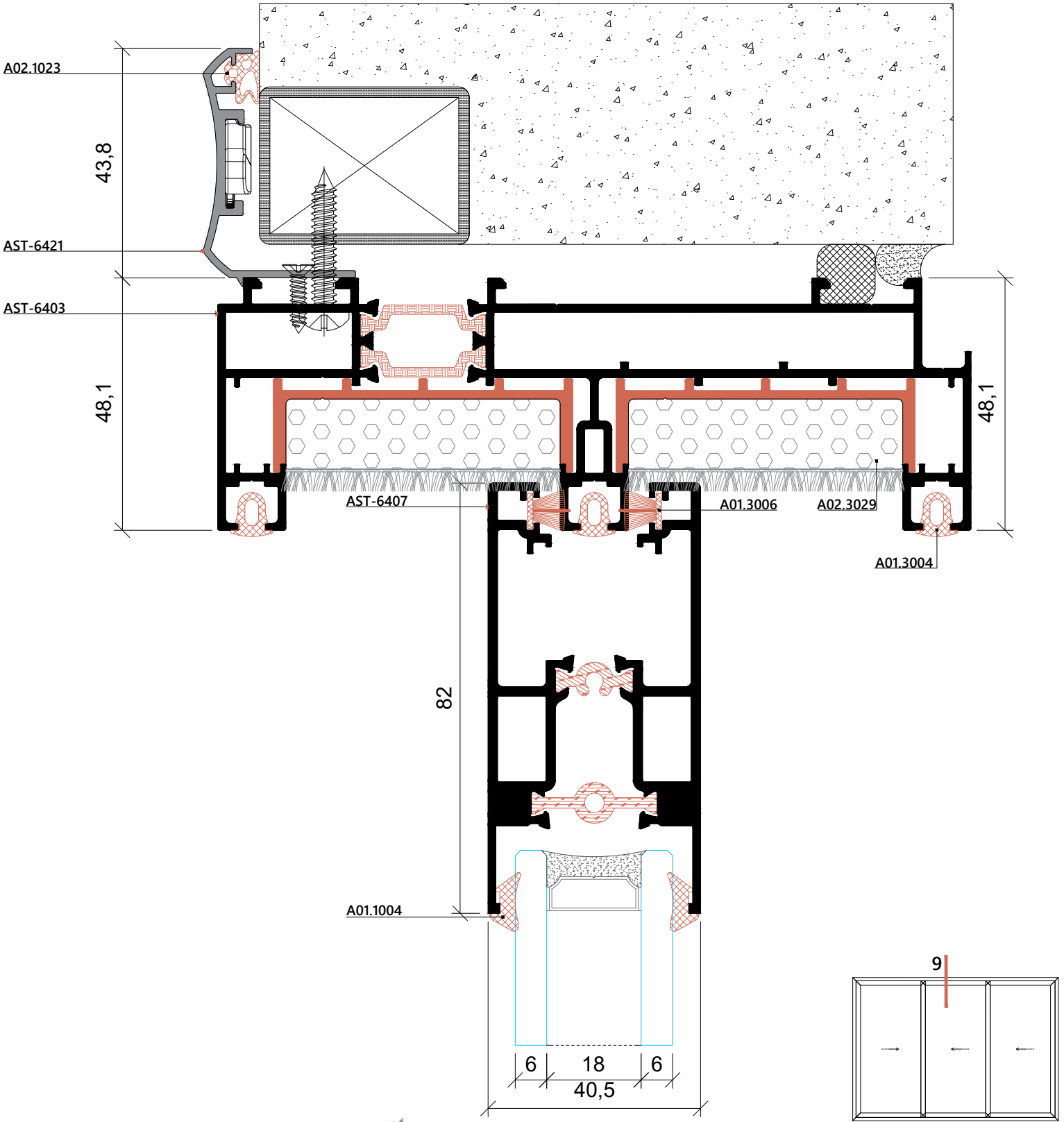


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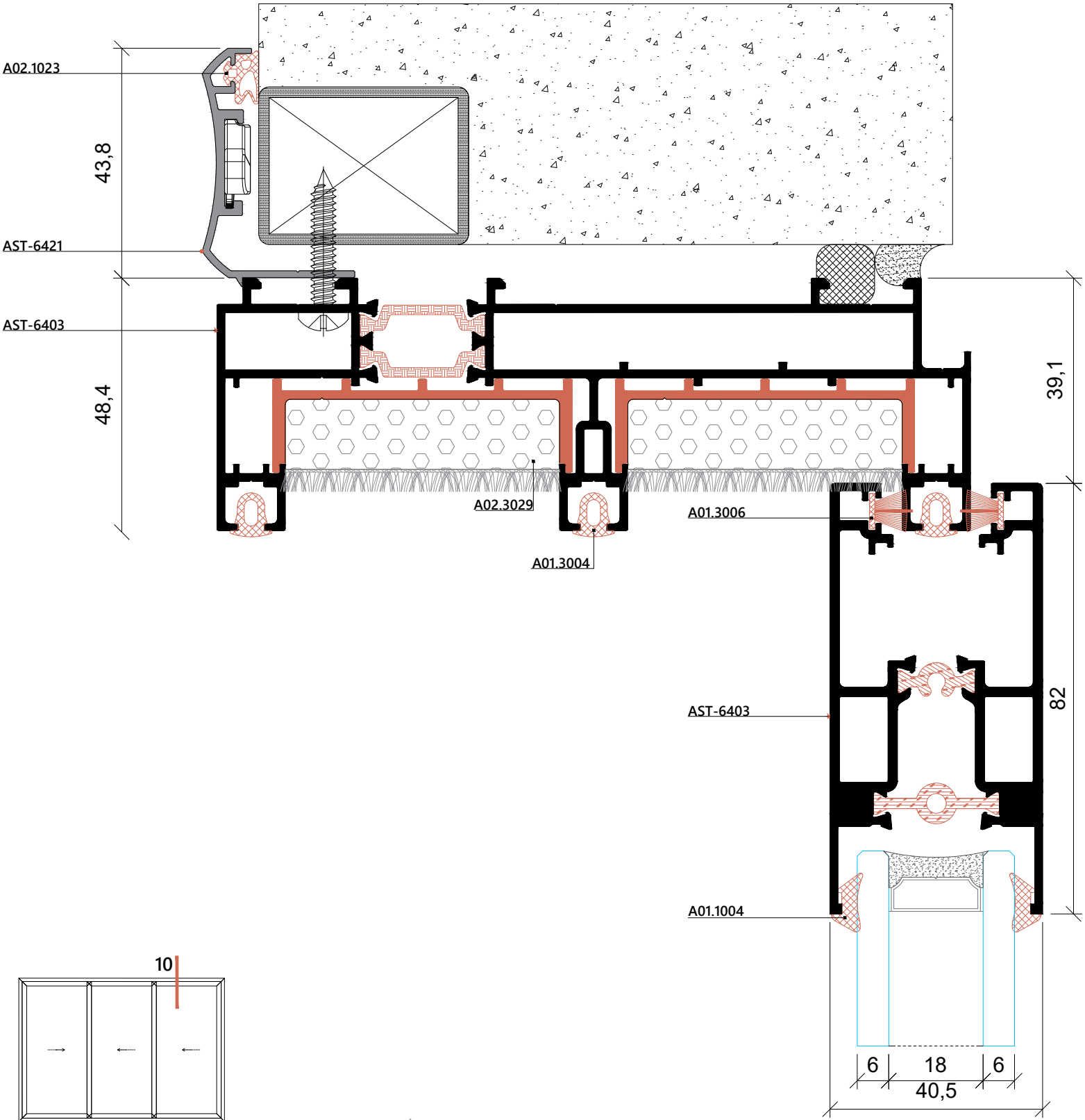
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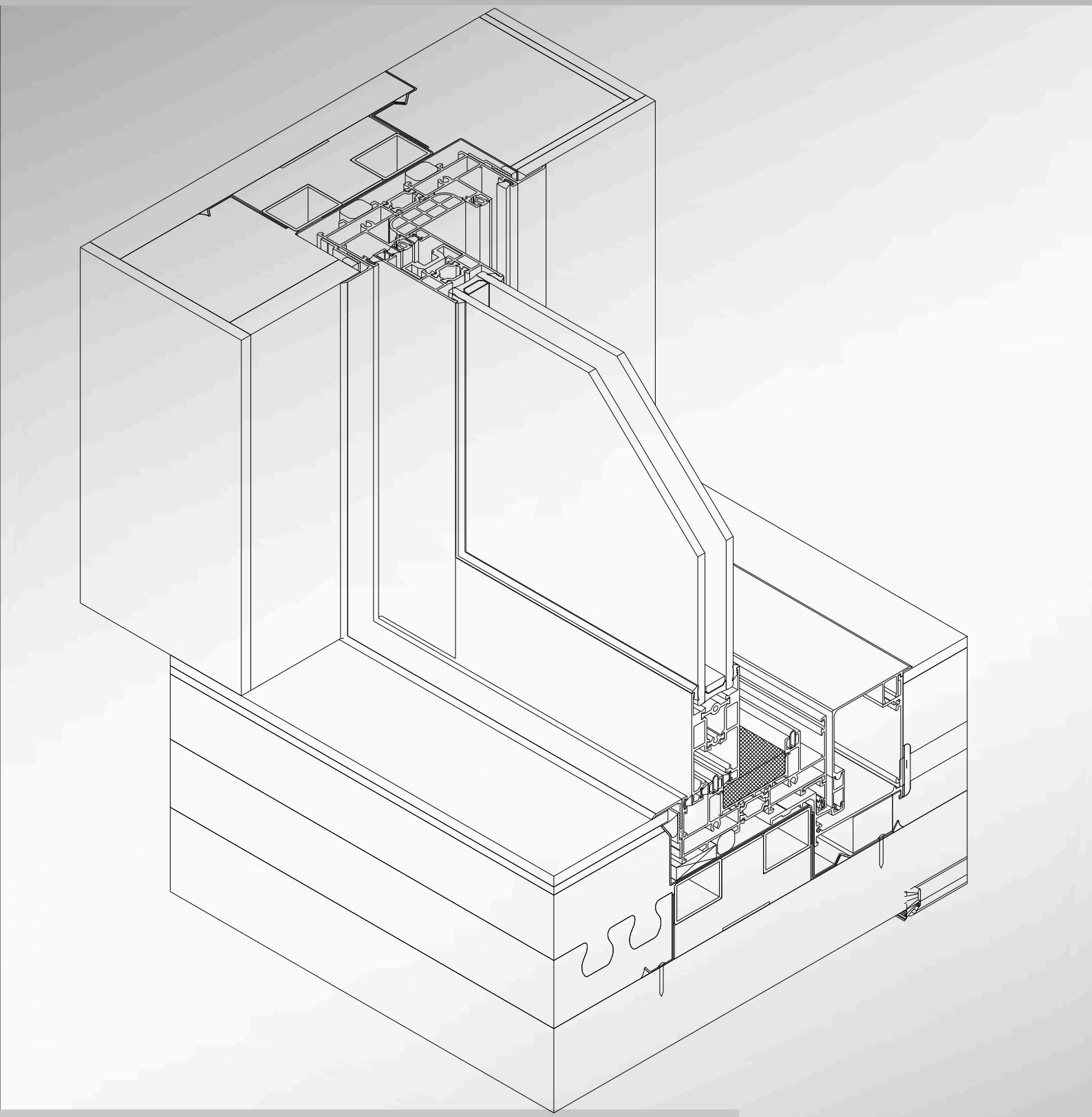
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GÖMME KASA SİSTEM TİP DETAYLARI/

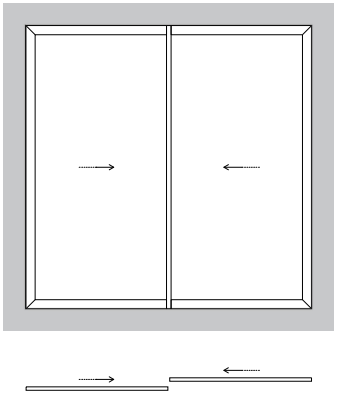
CONSEALED FRAME SYSTEM TYPES DETAILS

Almin Alüminyum Profil *TESCİLLİ MARKASIDIR.*

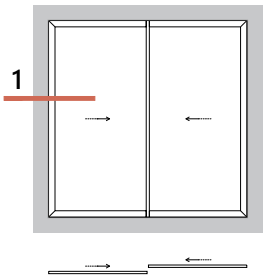
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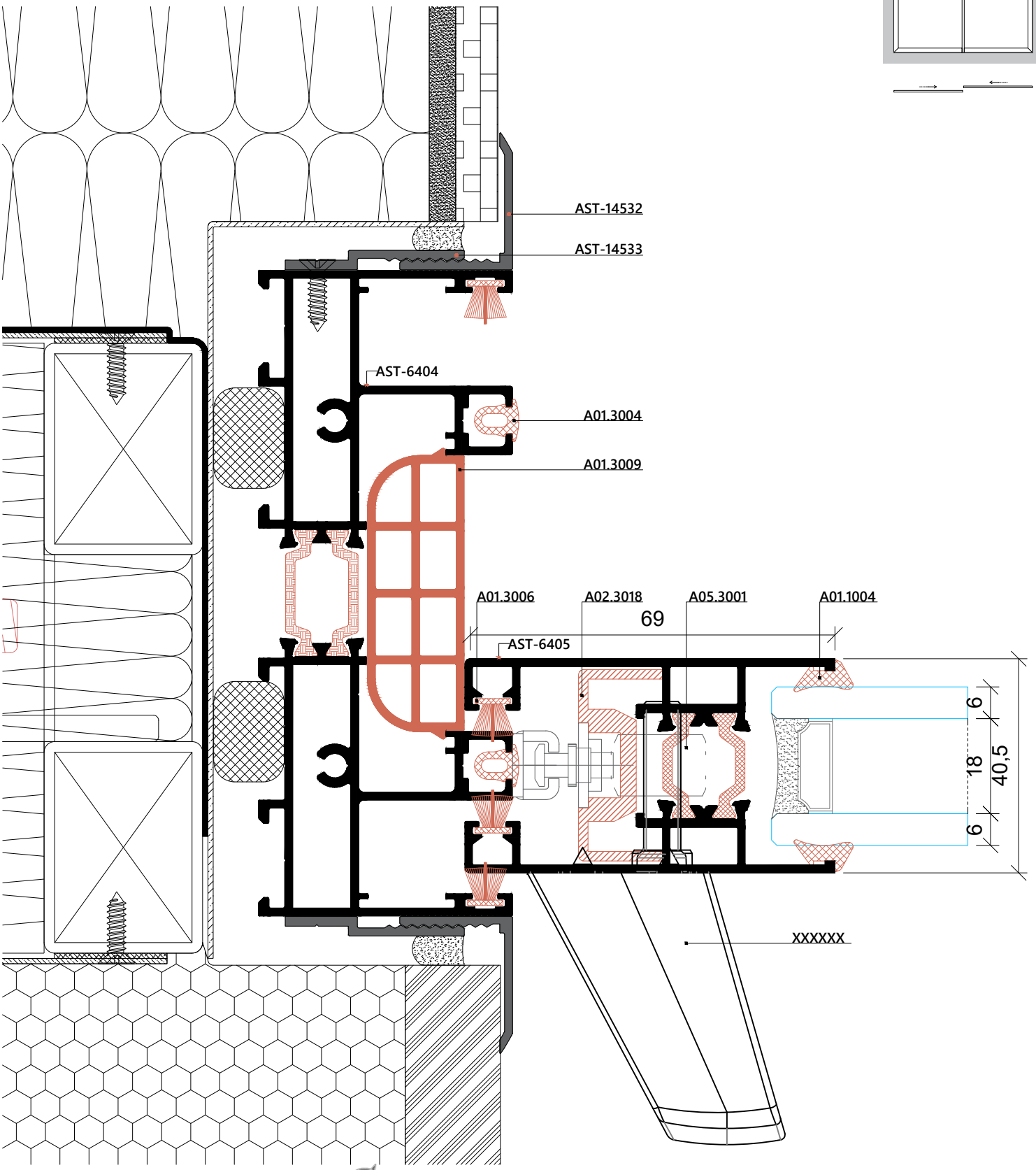
GÖMME KASA SİSTEM DETAYI

CONSEALED FRAME SISTEM DETAIL

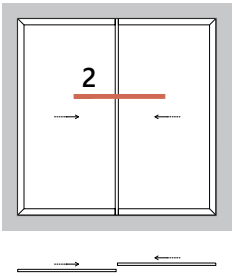


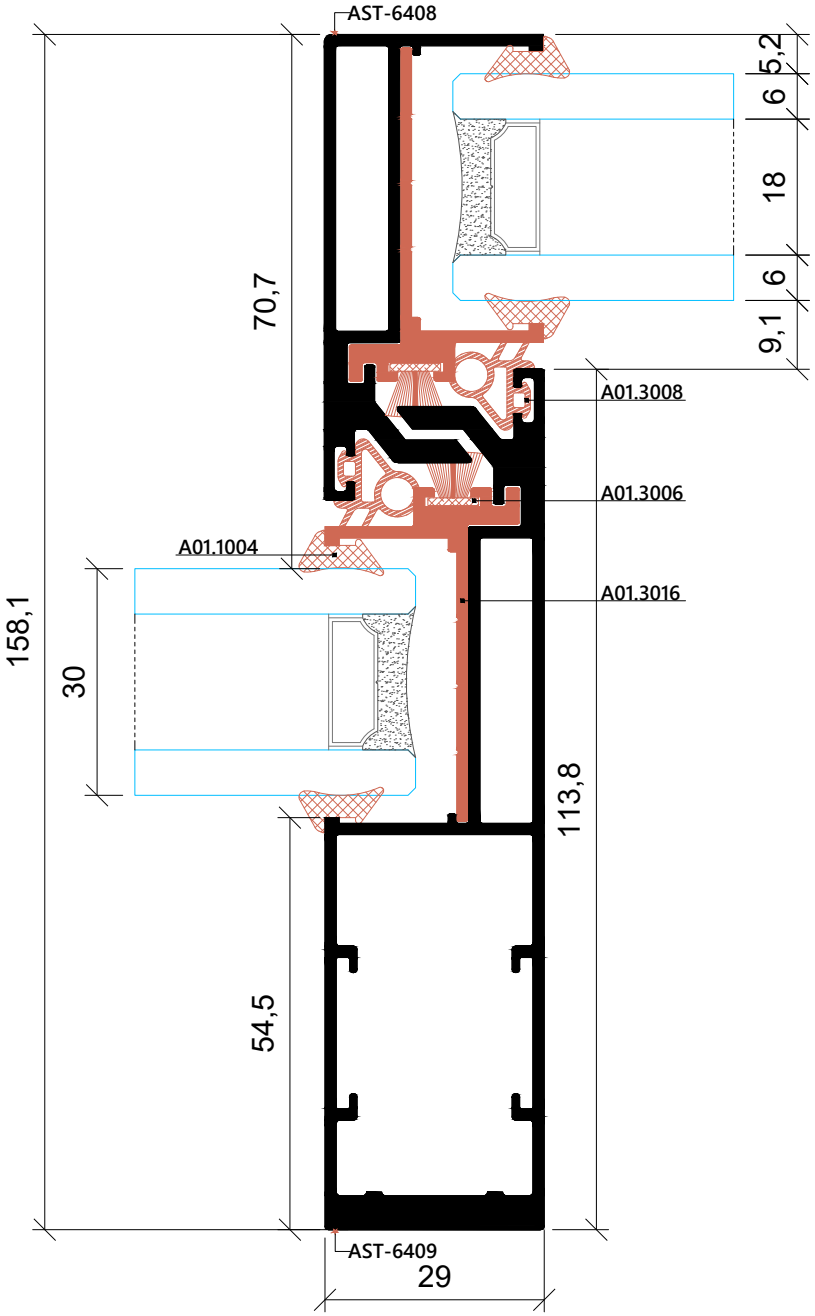
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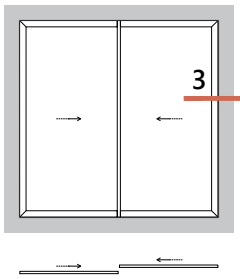


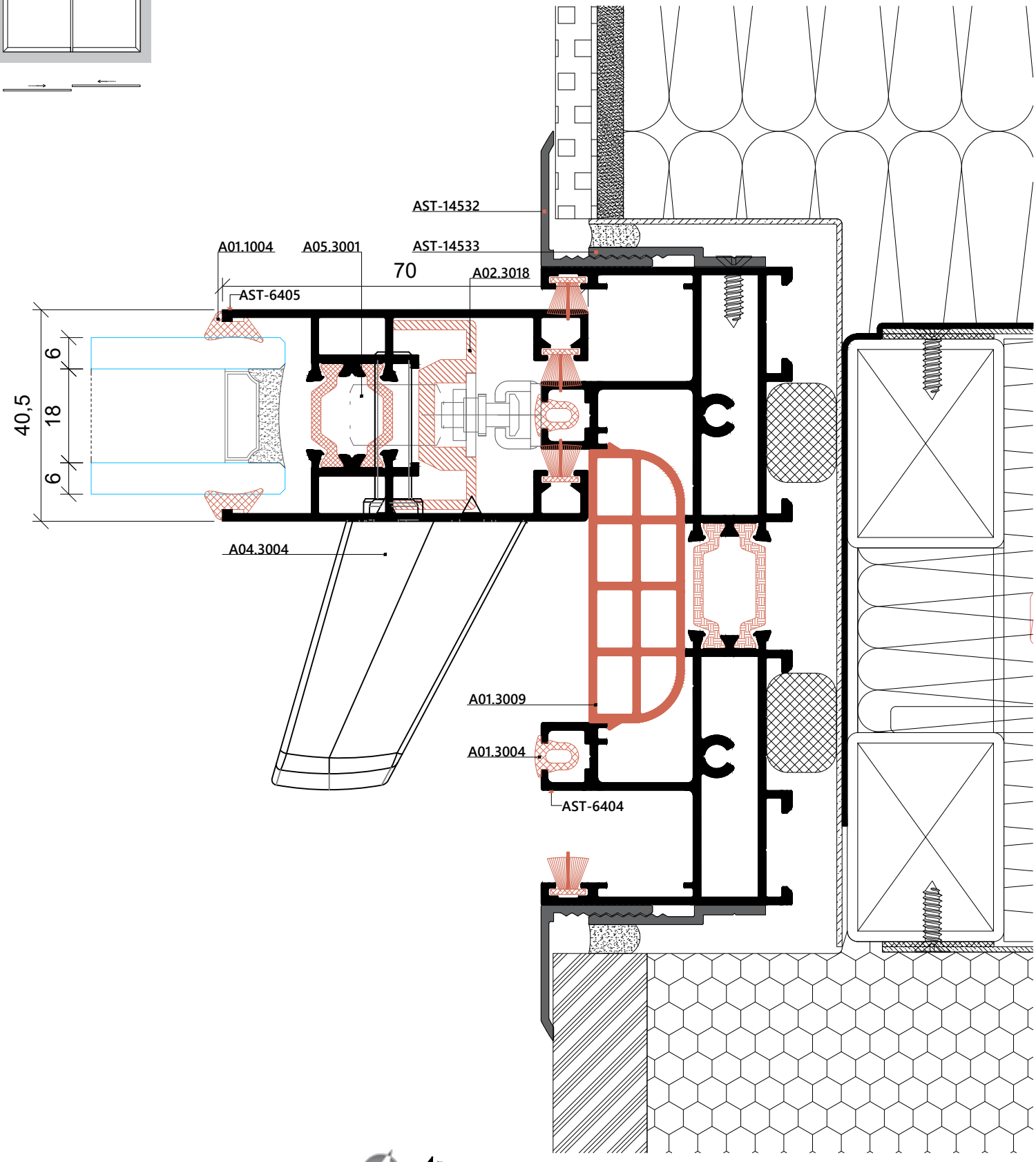
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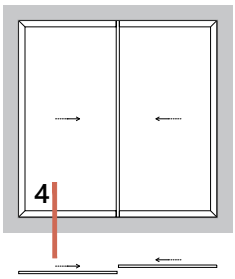


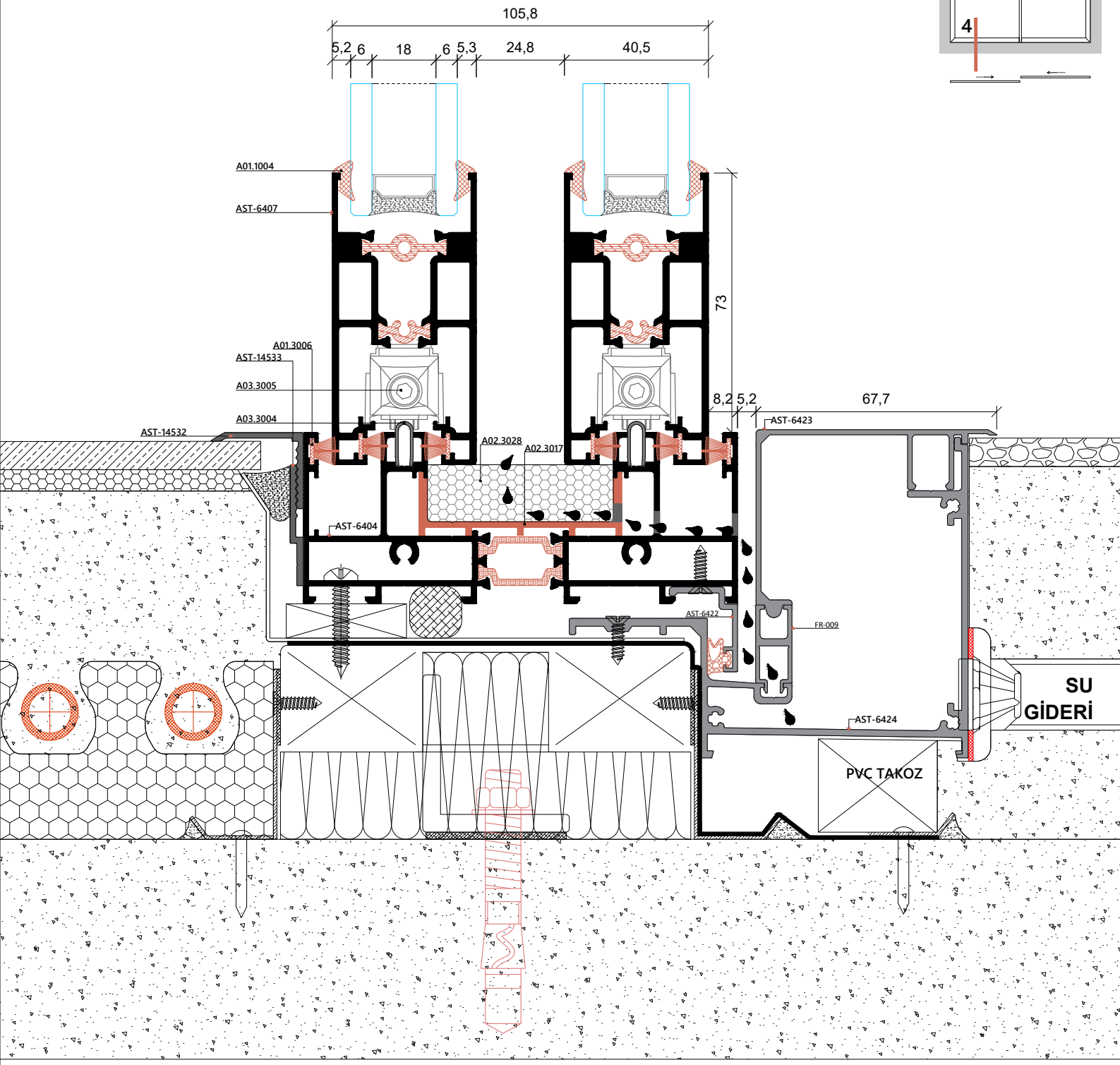
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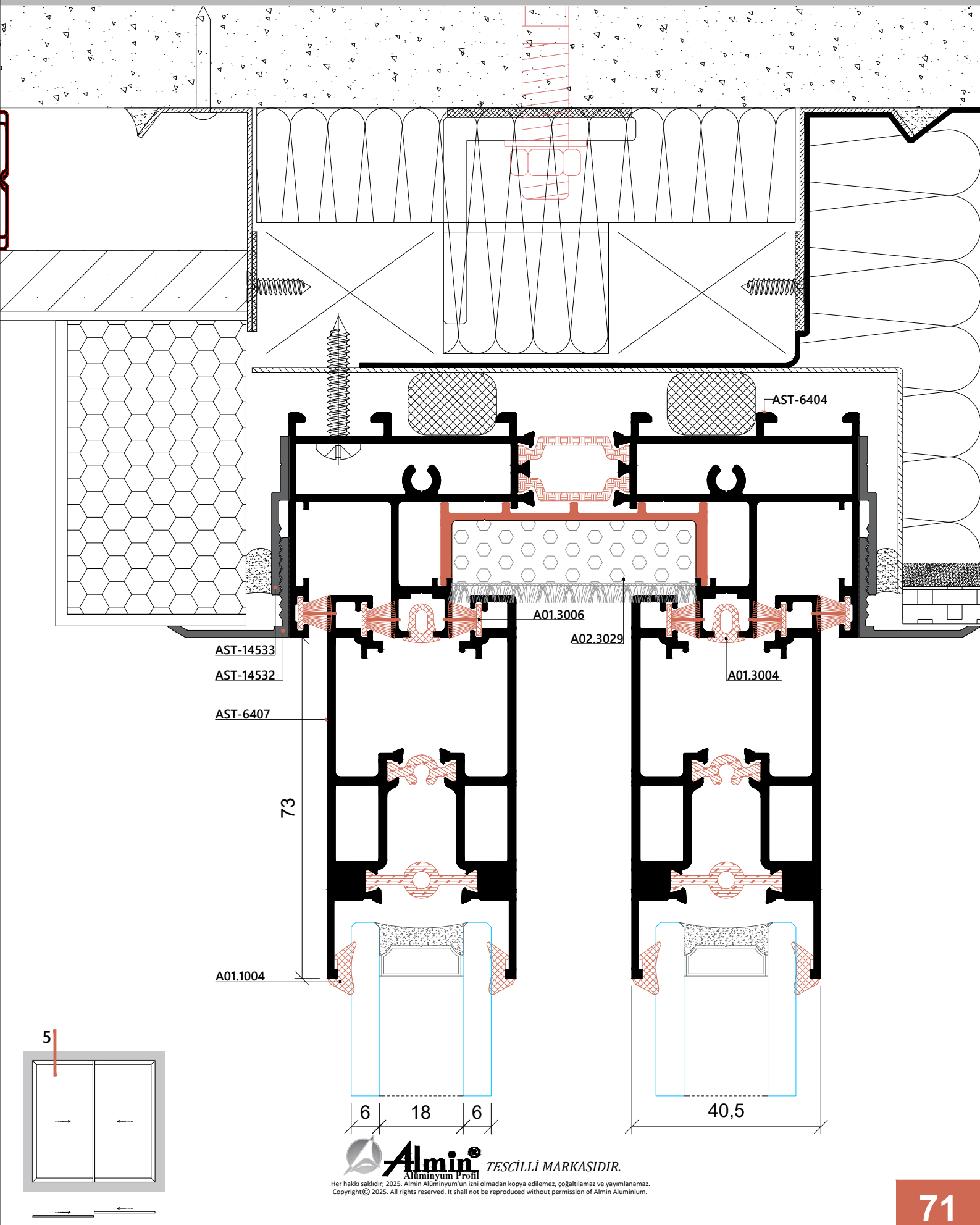




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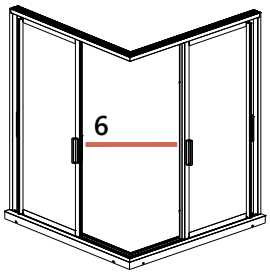
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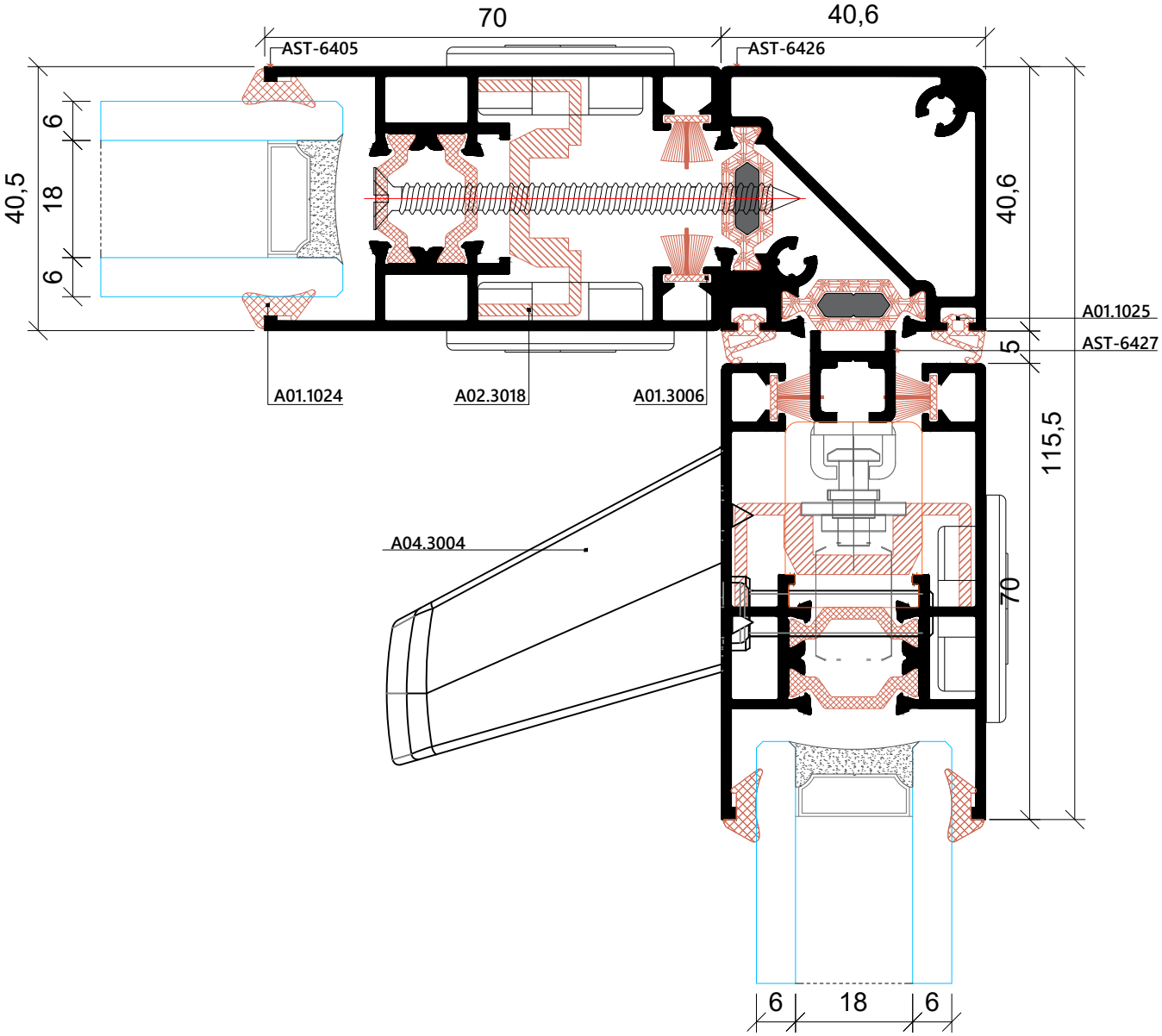
3/2 ÖLÇEKLİ



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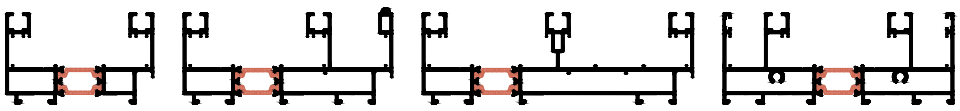
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ATÖLYE MONTAJ DETAYLARI/

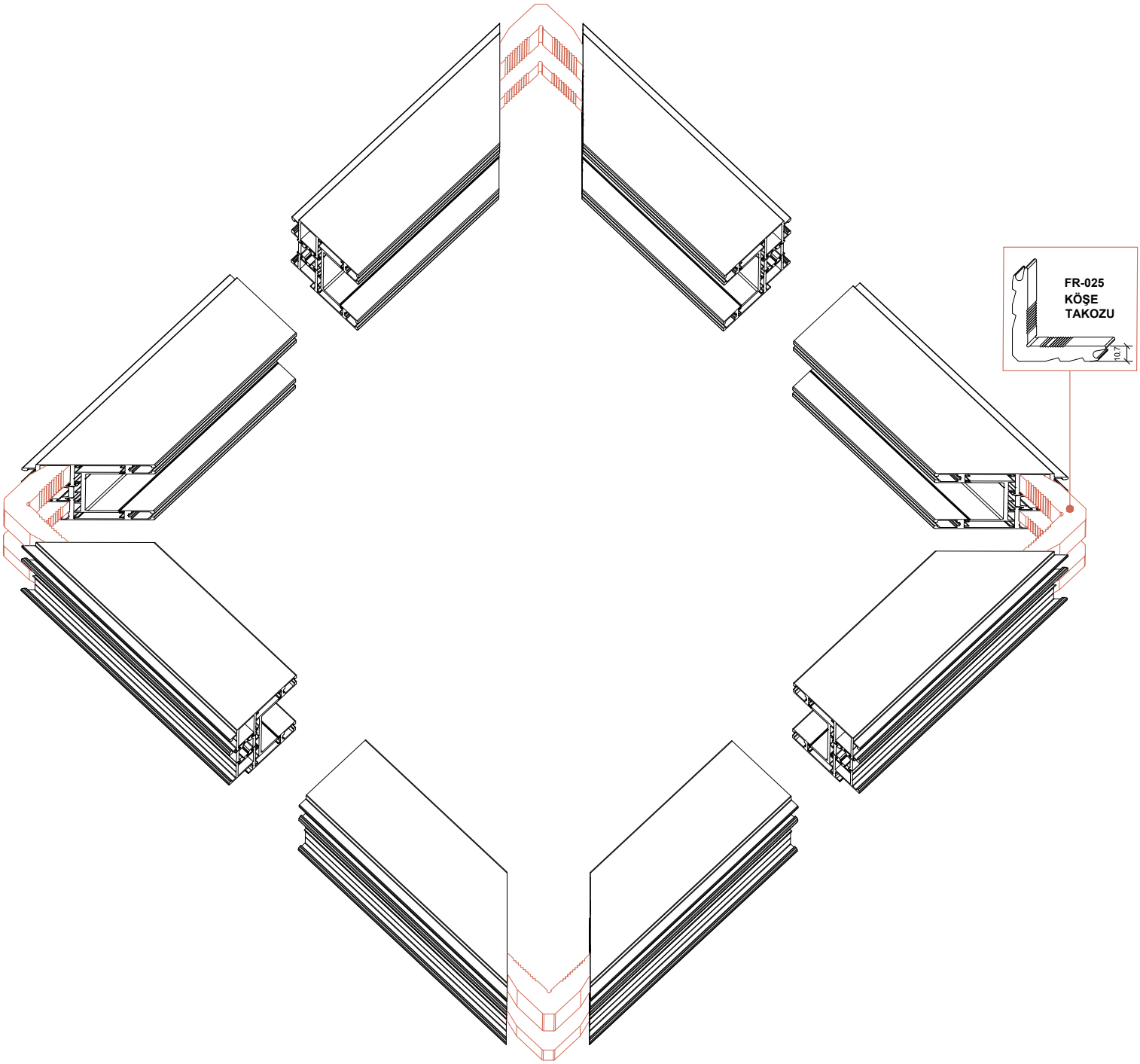
WORKSHOP ASSEMBLY DETAILS

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90° KASA TOPLAMA DETAYI
90° FRAME JOINING DETAIL

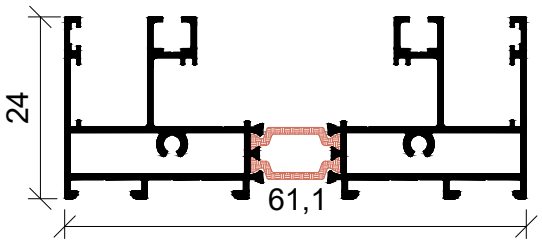


AST-6401 AST-6402 AST-6403 AST-6404

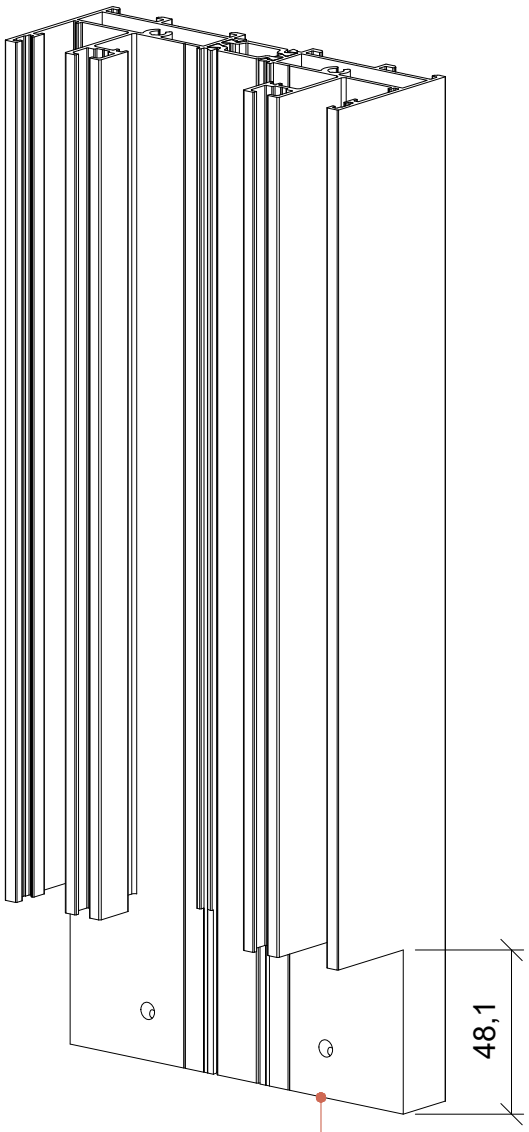


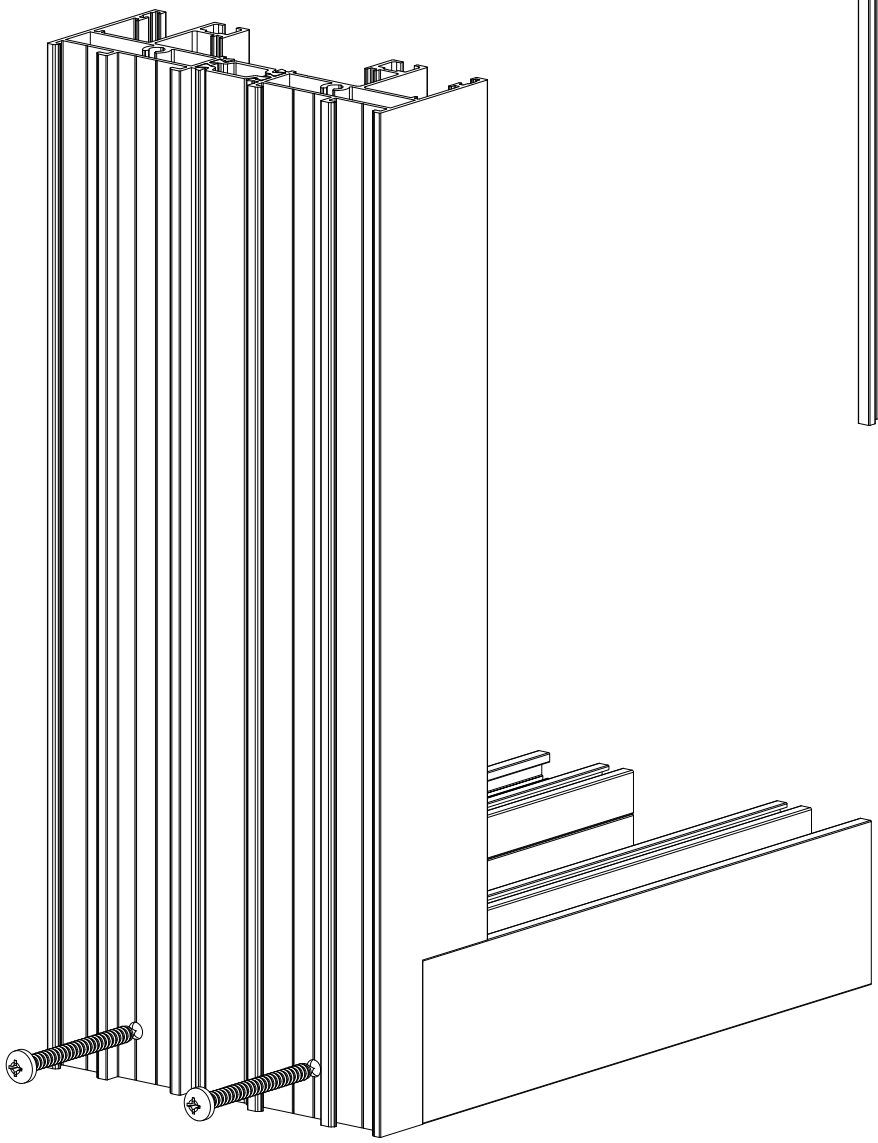
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AST-6404





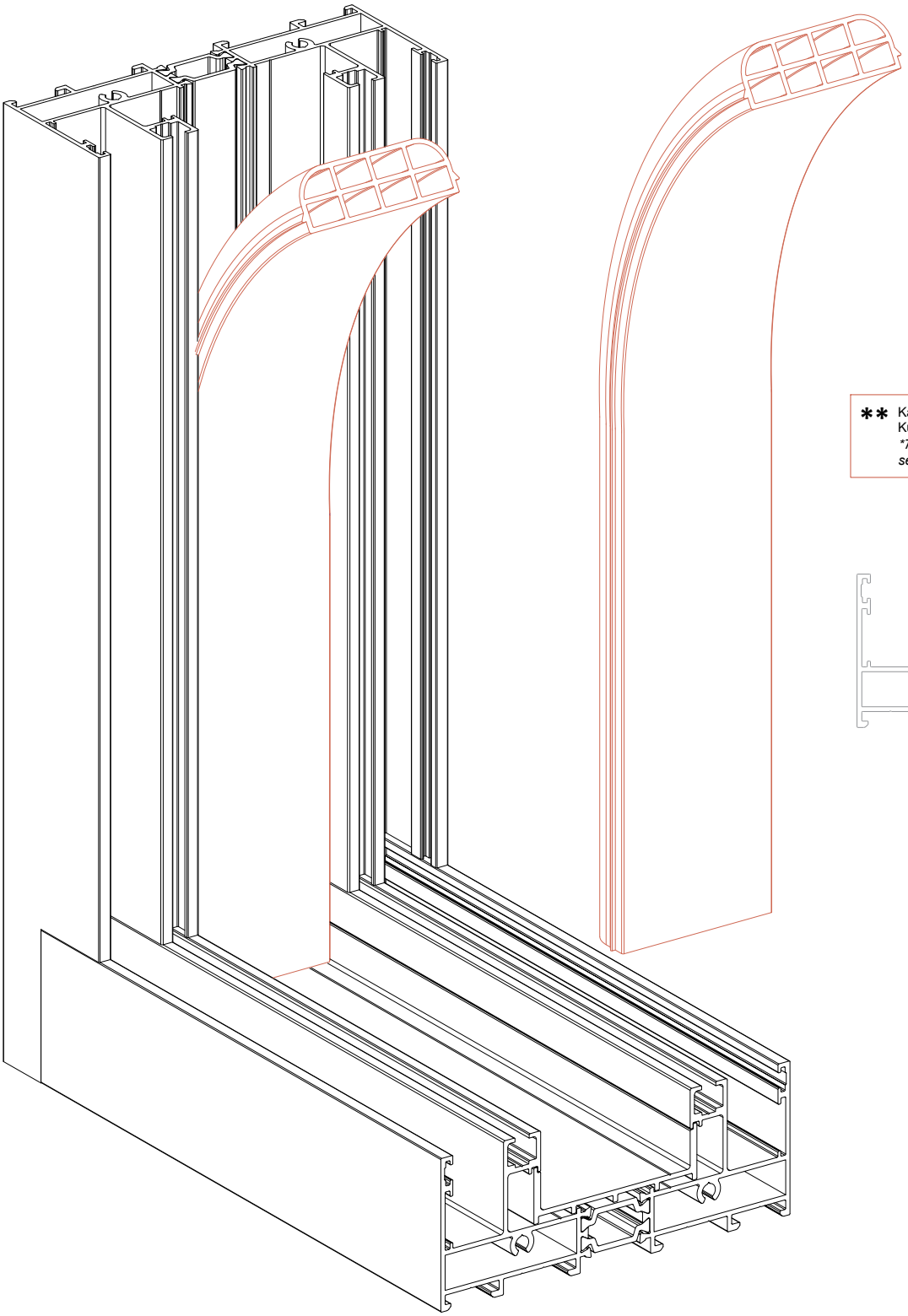
** "AST-6401, AST-6402, AST-6403 ve AST-6404 kodlu kasalar için montaj öncesinde 48,1 mm ölçüsünde kertme uygulanması gerekmektedir."
**For the installation of cases coded AST-6401, AST-6402, AST-6403, and AST-6404, a 48.1 mm notch must be applied prior to installation.."*

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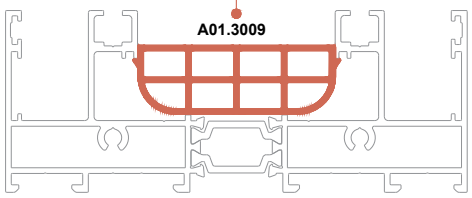
! ÖLÇEK: 1/2

A01.3009 KASA KANAL CONTASI DETAYI

A01.3009 *THE FRAME CHANNEL GASKET*

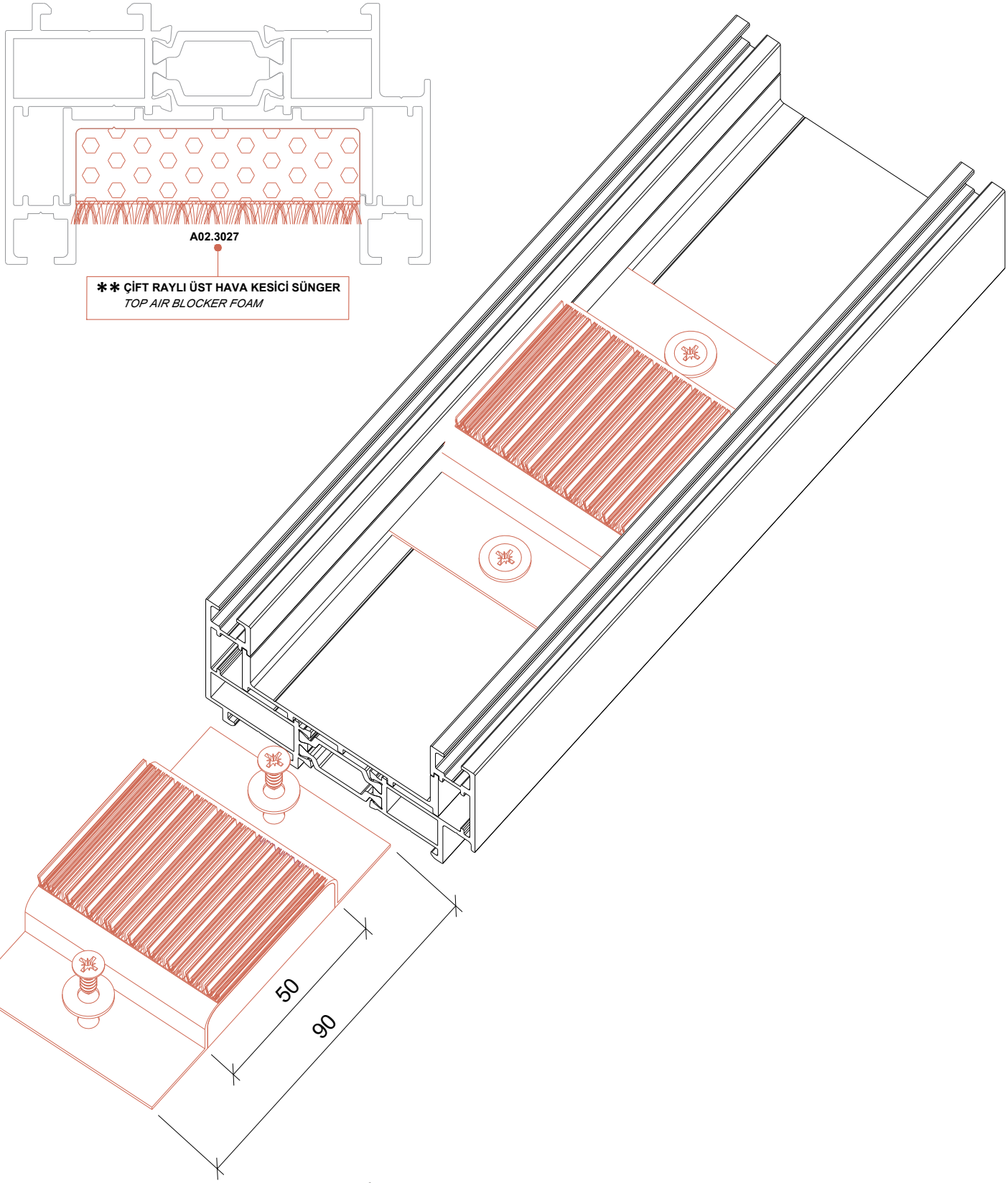


** Kasa Kanal Contası 90° Toplanan Kasa da Dikey Bölümde Kullanılacaktır.
**The frame channel gasket will be used in the vertical section of the 90° assembled frame."*



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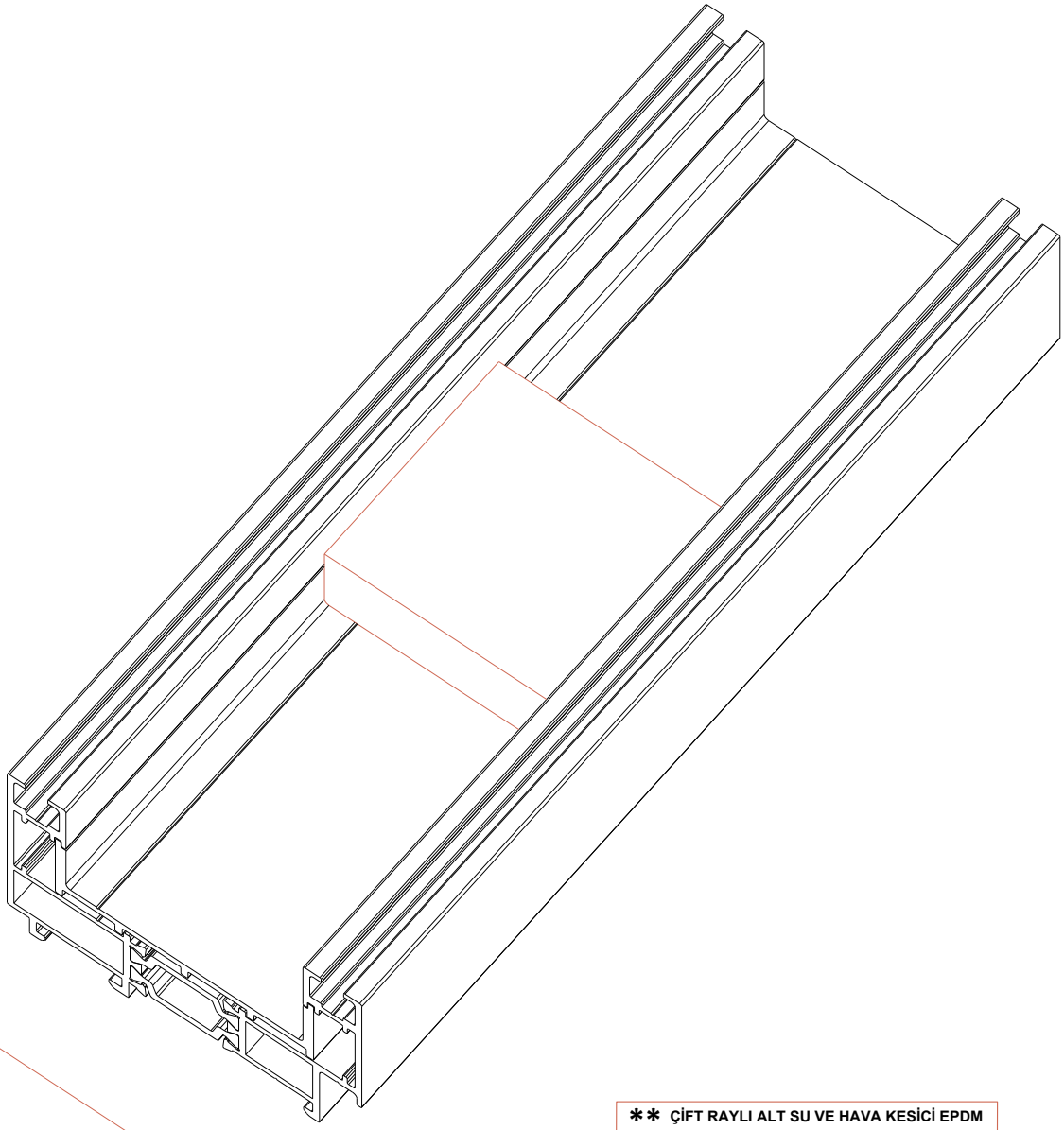
A02.3027 ÇİFT RAYLI ÜST HAVA KESİCİ SÜNGER DETAYI
DOUBLE-TRACK UPPER AIR SEALING FOAM DETAIL

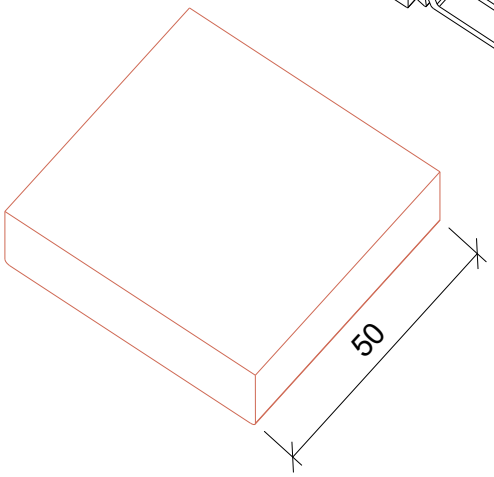


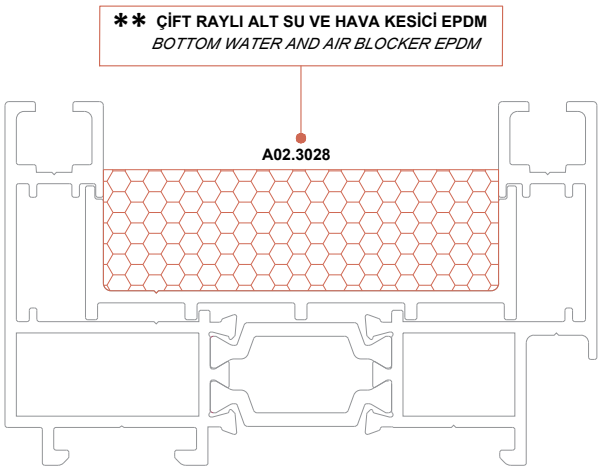
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A02.3028 ÇİFT RAYLI ALT SU VE HAVA KESİCİ EPDM DETAYI

A02.3028 DOUBLE-TRACK LOWER WATER AND AIR SEALING EPDM DETAIL

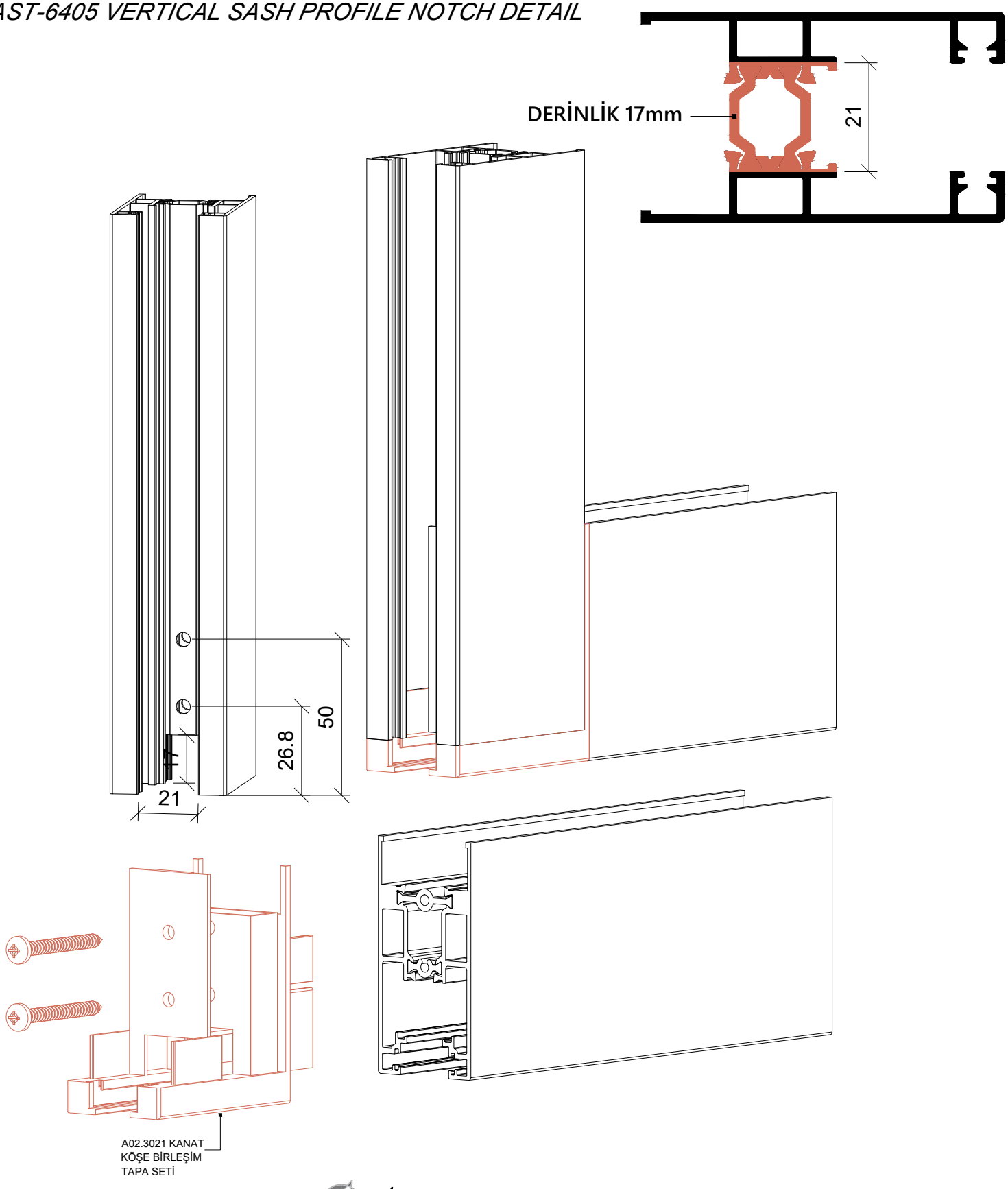






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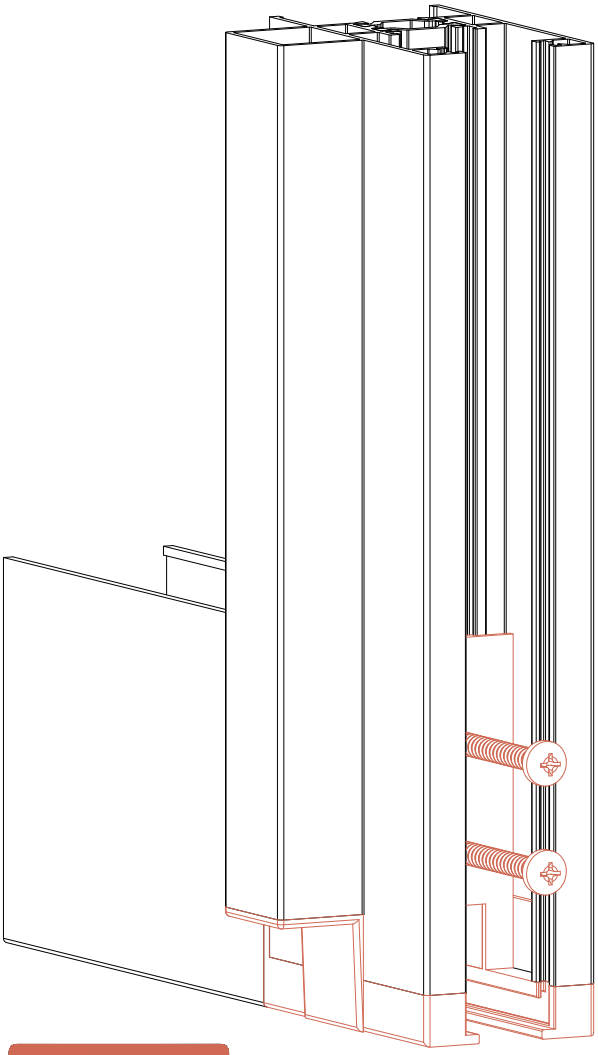
AST-6405 DİKEY KANAT PROFİLİ KERTME DETAYI
AST-6405 VERTICAL SASH PROFILE NOTCH DETAIL

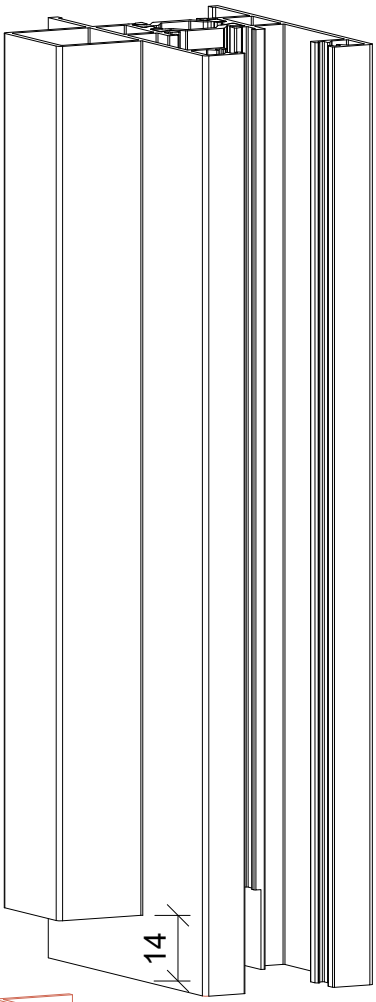


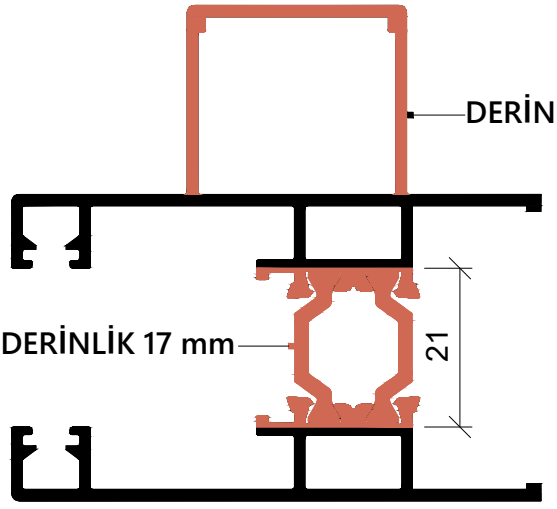
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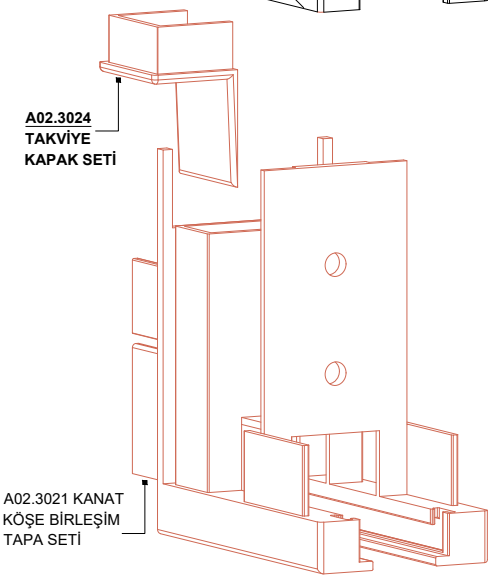
AST-6406 TAKVİYELİ DİKEY KANAT PROFİLİ KERTME DETAYI

AST-6405 VERTICAL SASH PROFILE NOTCH DETAIL



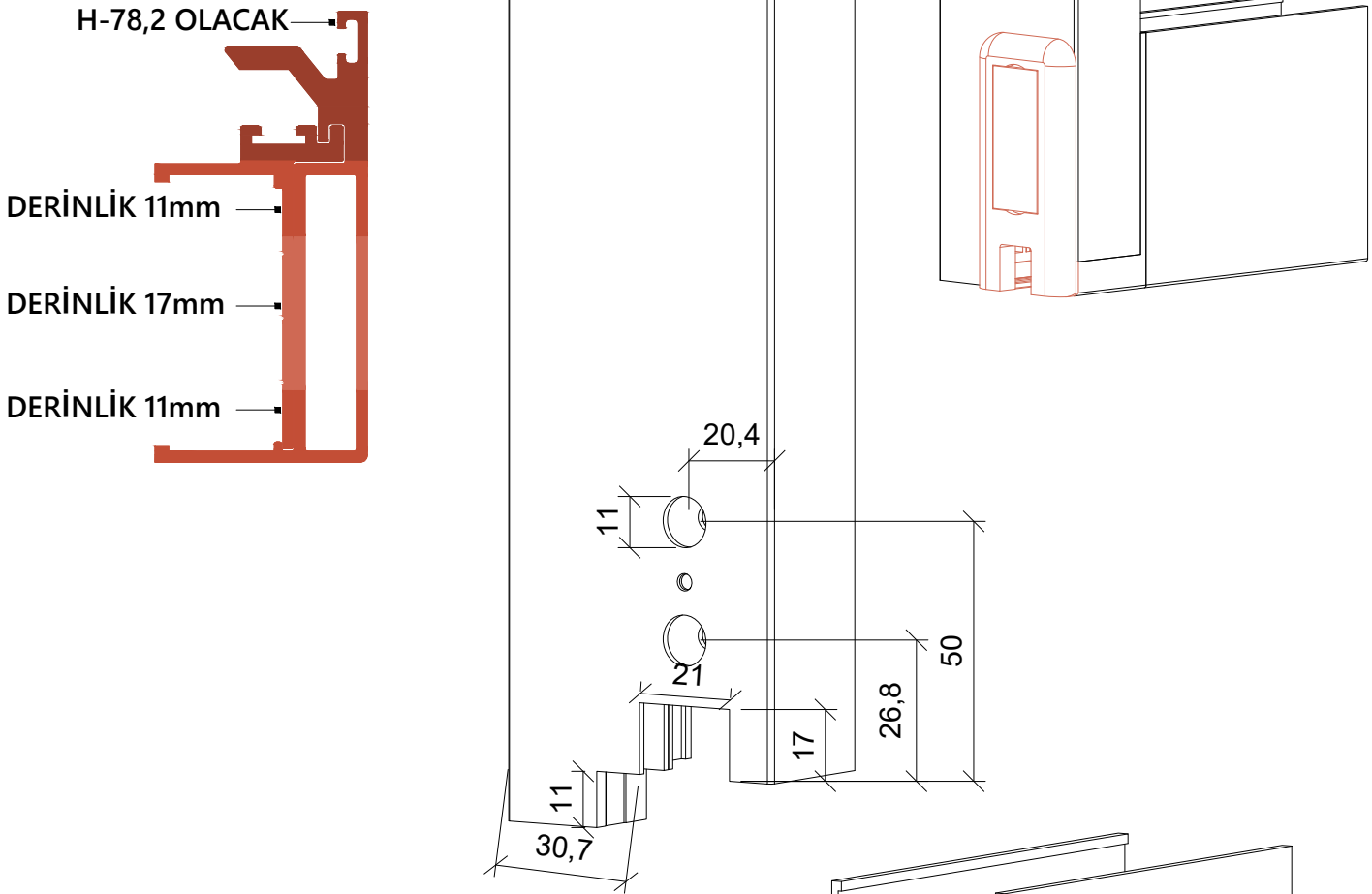


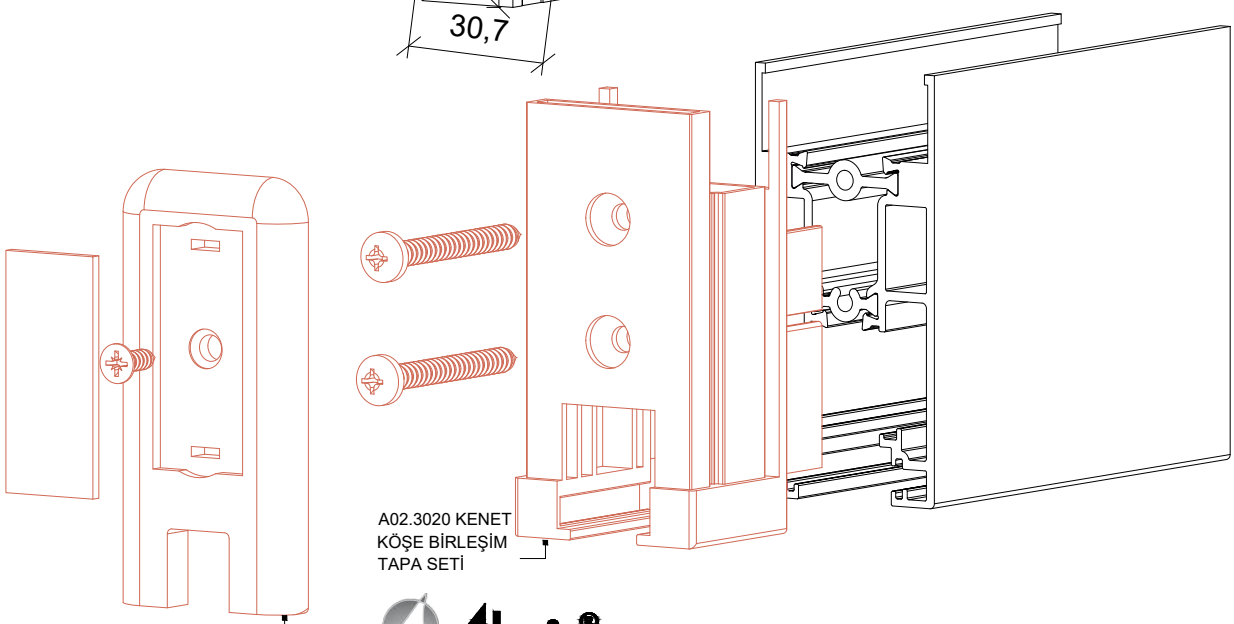




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AST-6408 61.6 MM KENET PROFİLİ KERTME DETAYI
61.6 MM SEAM PROFILE NOTCH DETAIL



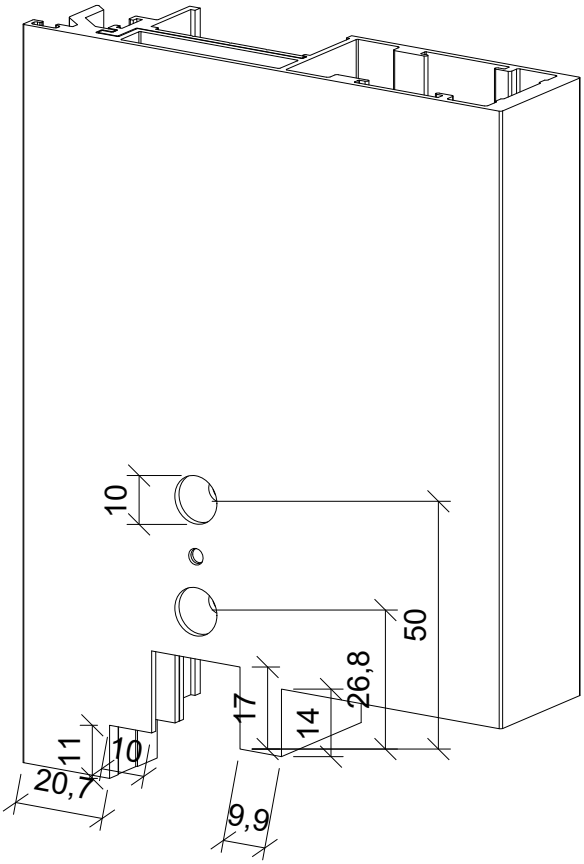


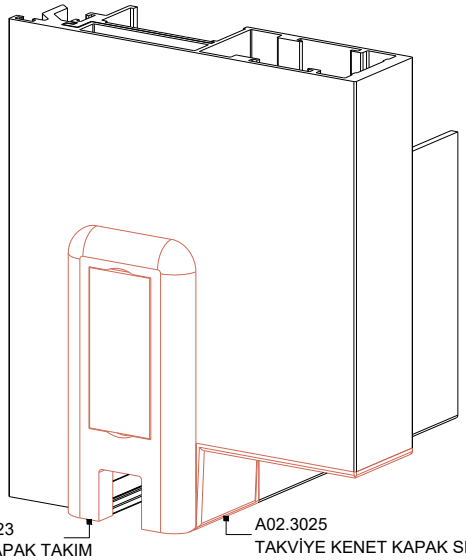
Almin Alüminyum Profil *TESCİLLİ MARKASIDIR.*

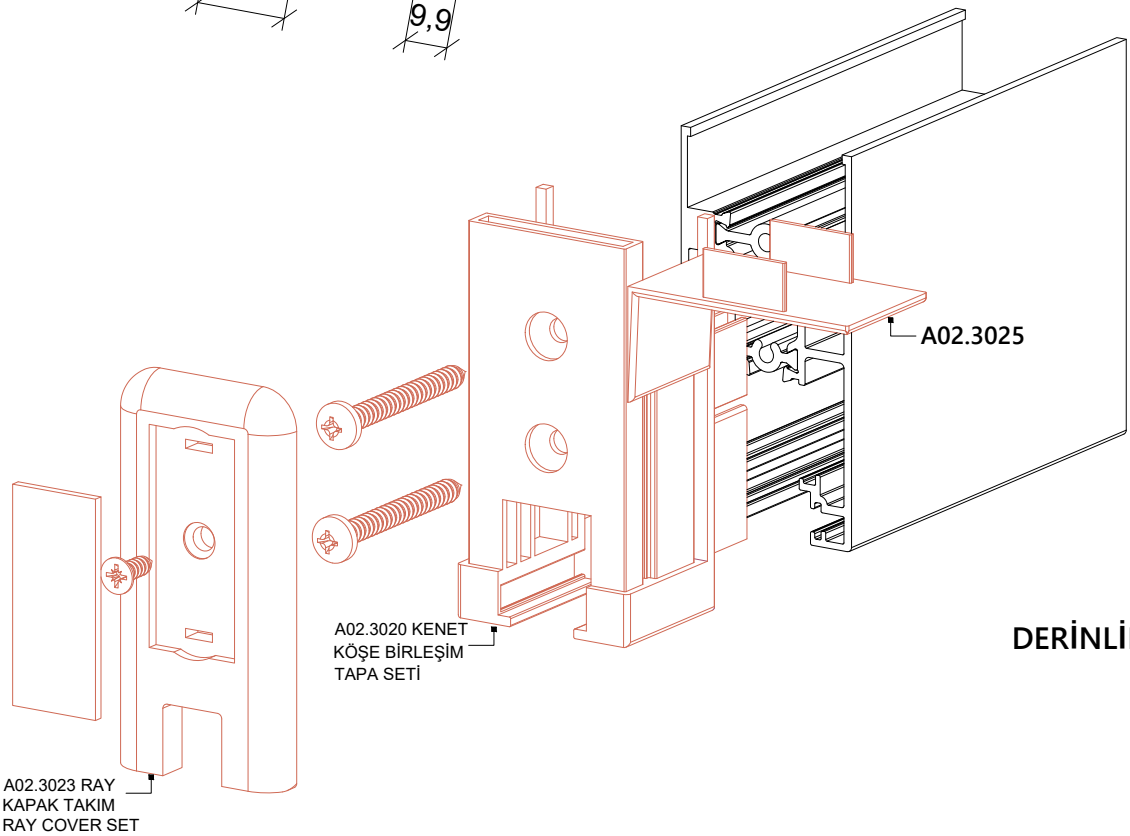
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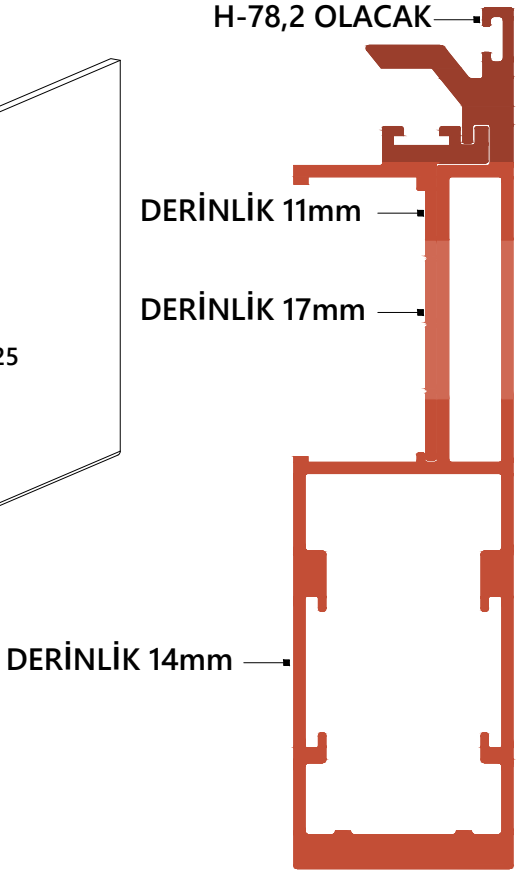
AST-6409 113.8 MM KENET PROFİLİ KERTME DETAYI

113.8 MM SEAM PROFILE NOTCH DETAIL





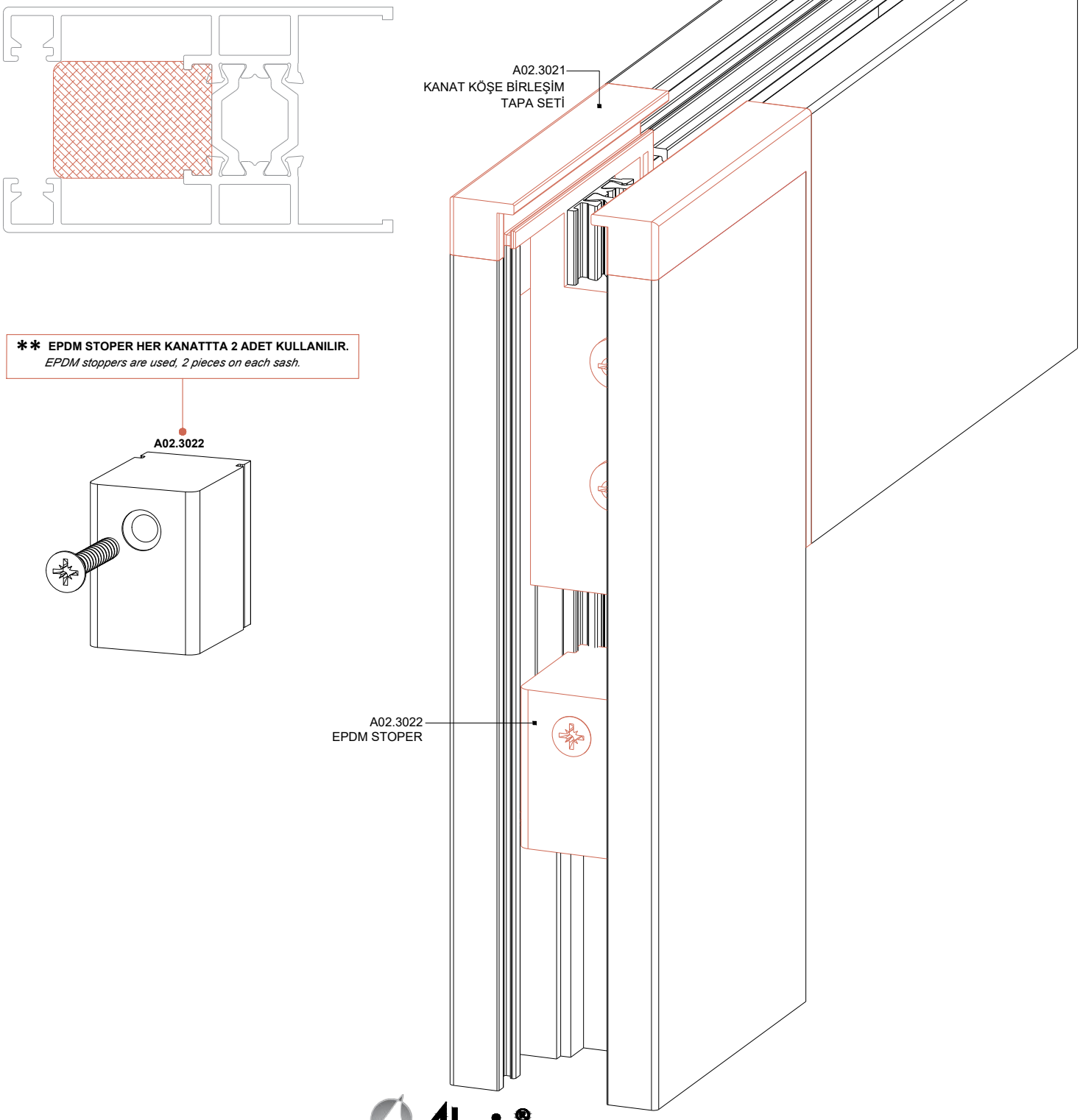




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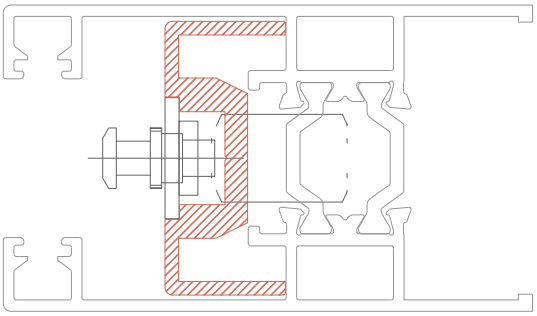
A02.3021 KANAT KÖŞE BİRLEŞİM TAPA SETİ VE A02.3022 EPDM STOPER UYGULAMA DETAYI

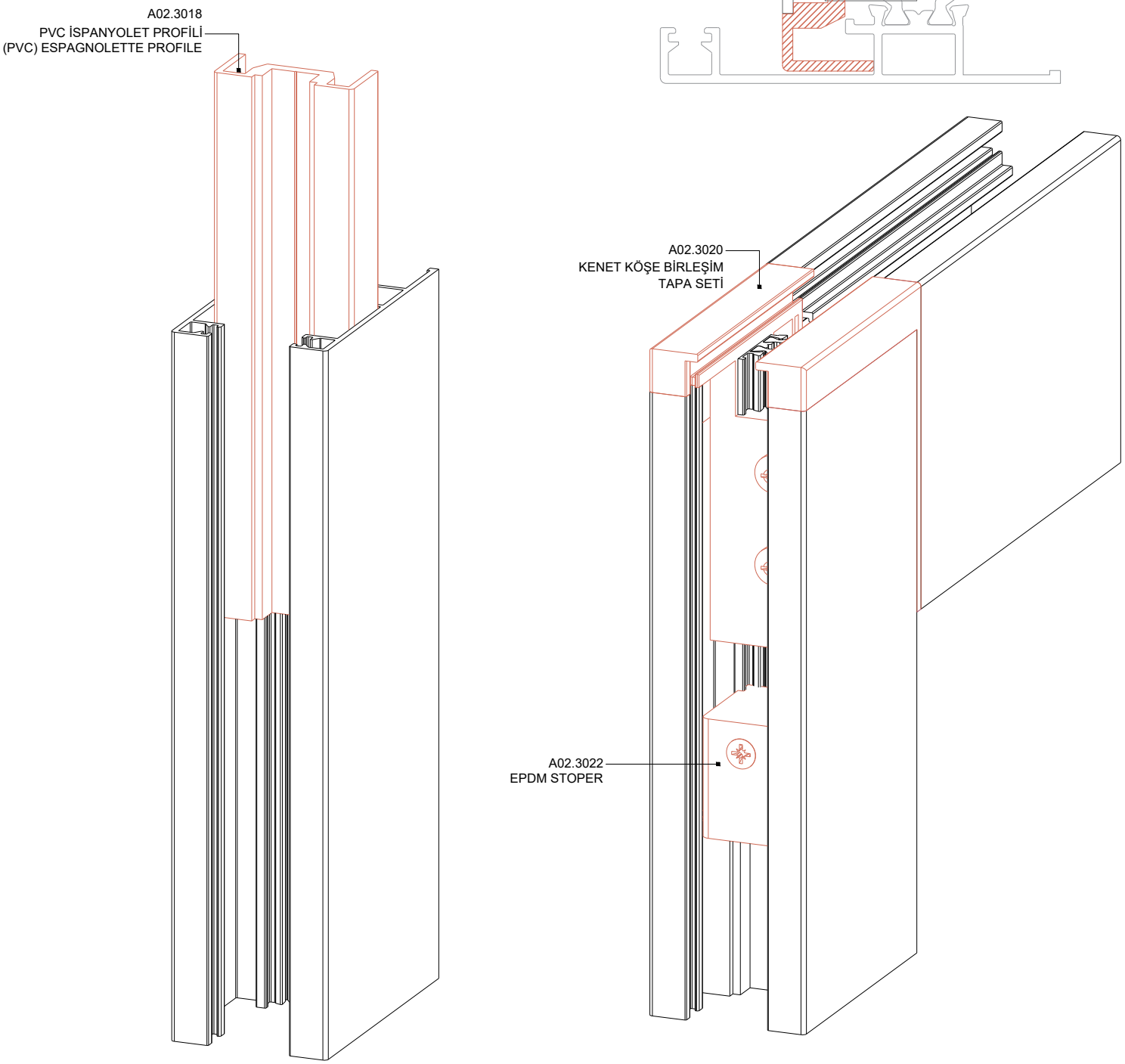
A02.3021 SASH CORNER JOINT PLUG SET AND A02.3022 EPDM STOPPER APPLICATION DETAIL



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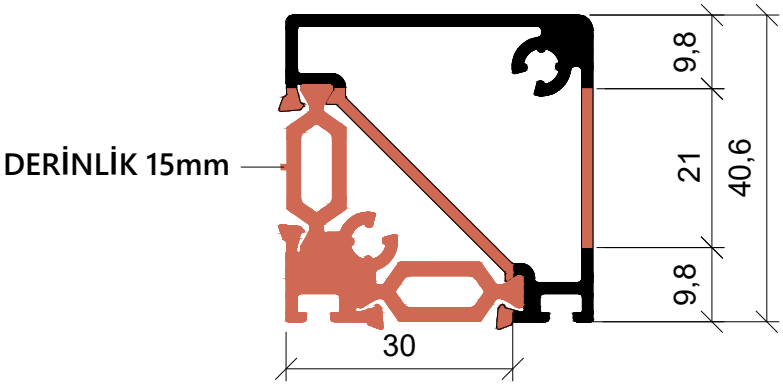
A02.3018 PVC İSPANYOLET PROFİLİ DETAYI
ESPAGNOLETTE PROFILE DETAILS

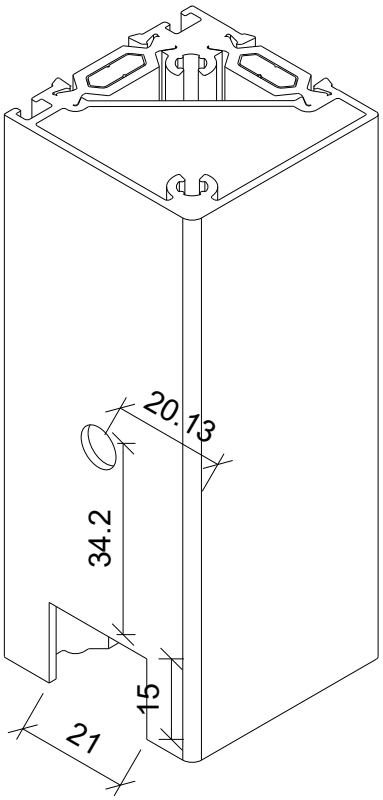


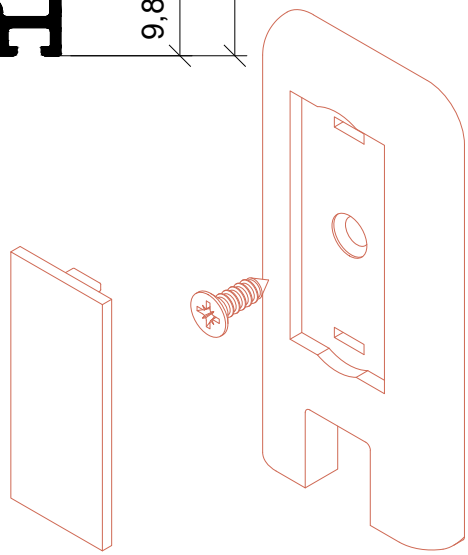


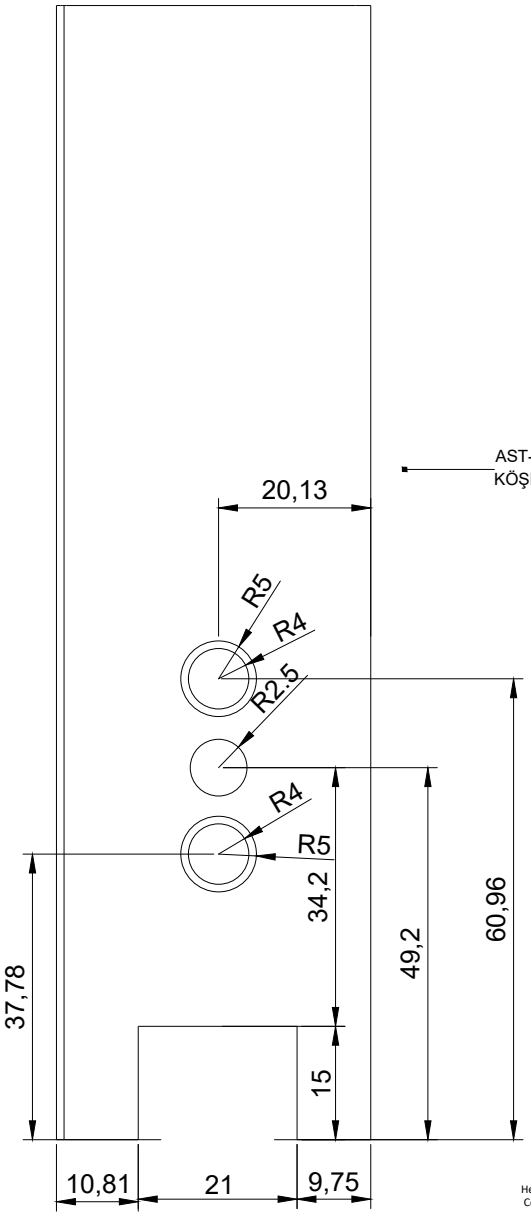
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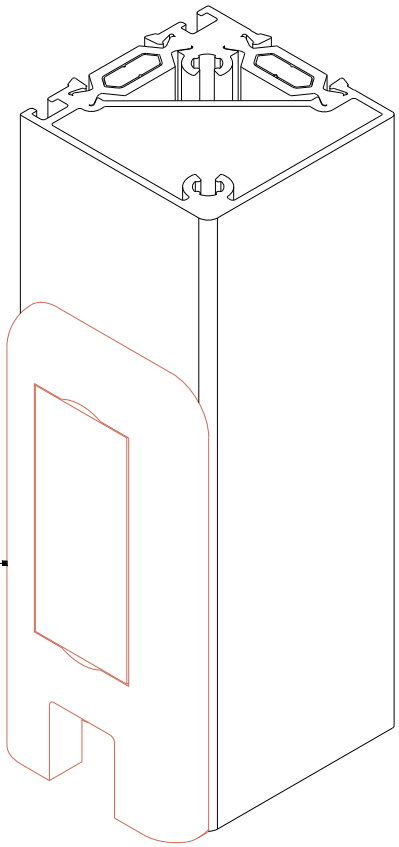
AST-6426 HAREKETLİ KÖŞE PROFİLİ KERTME DETAYI





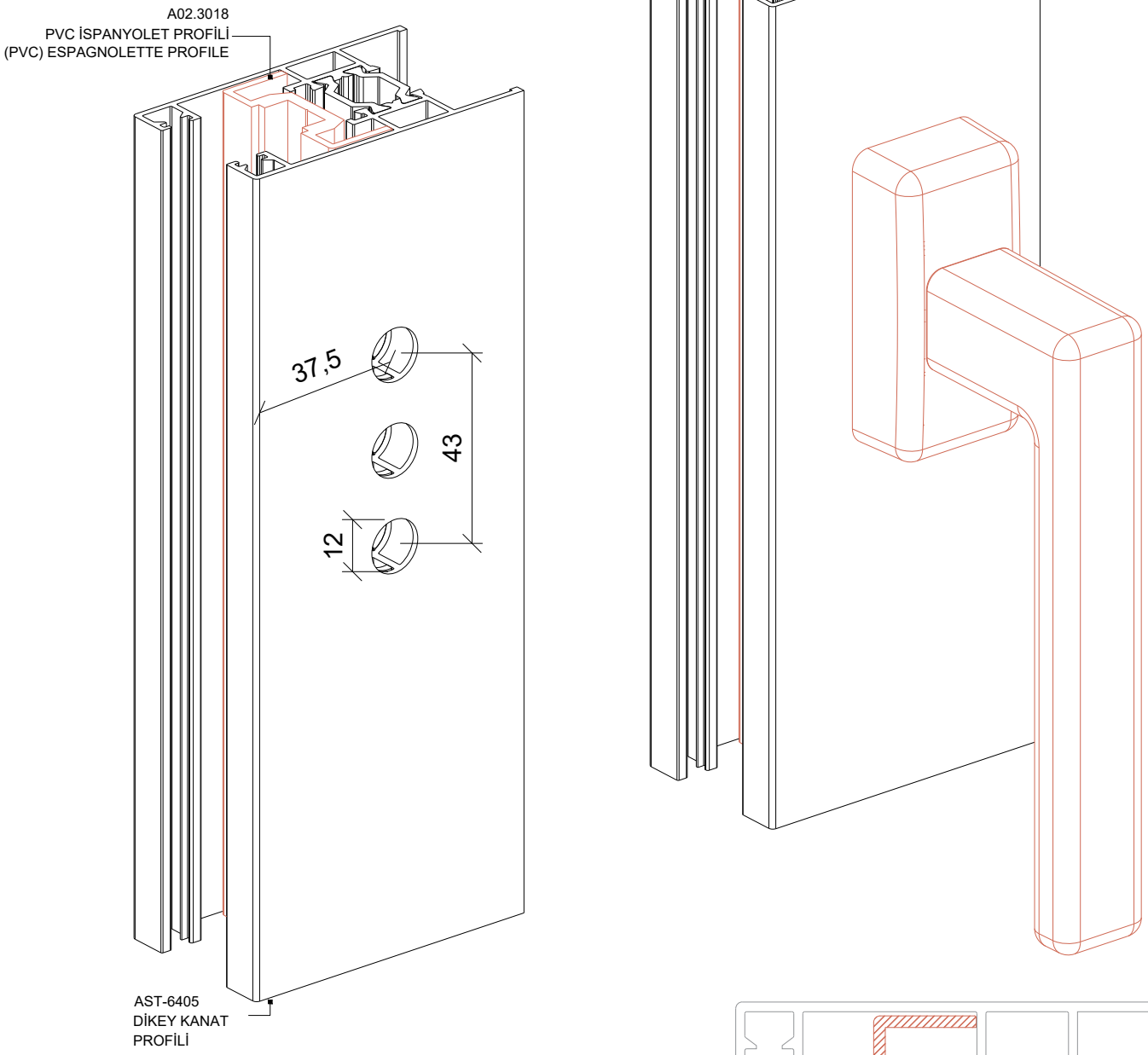






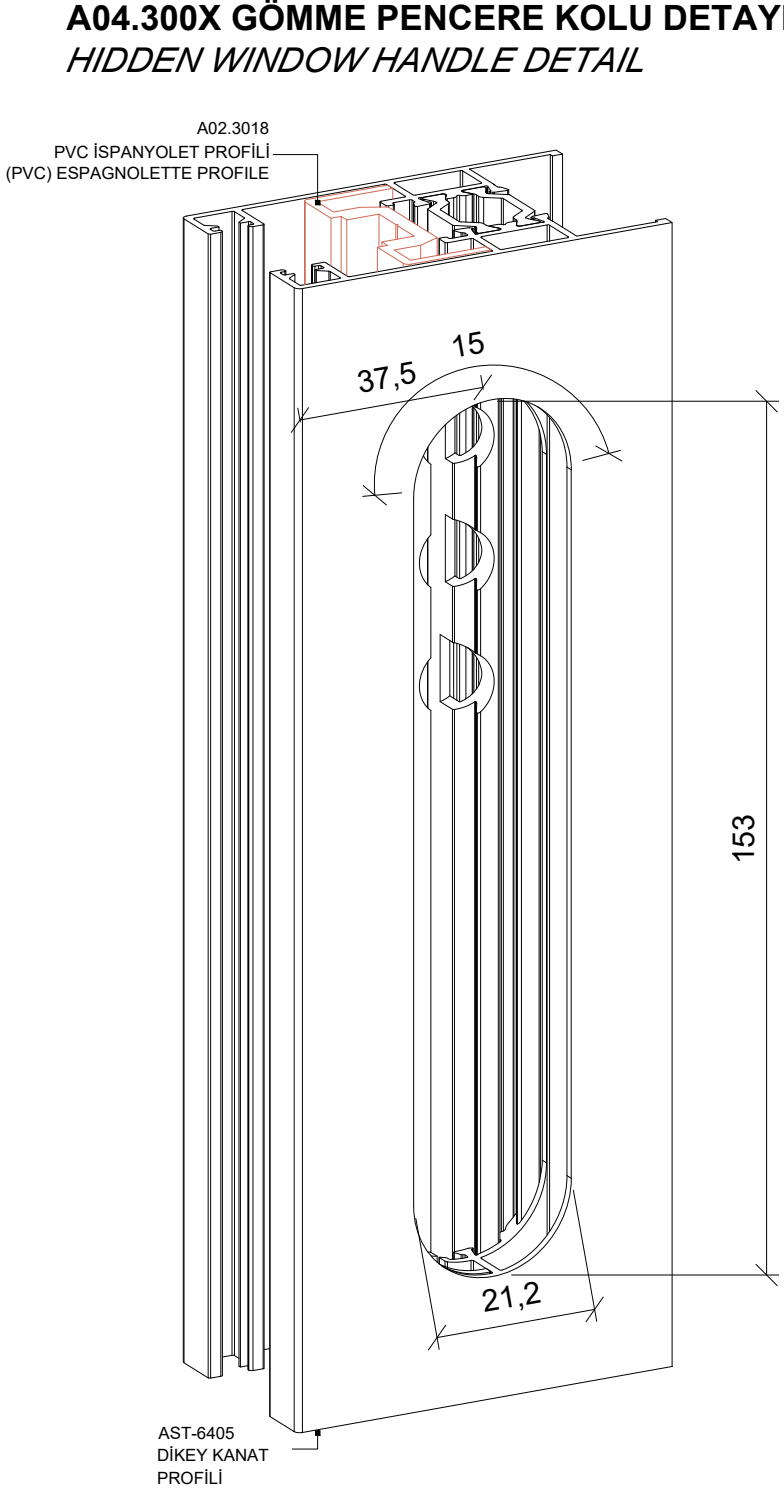
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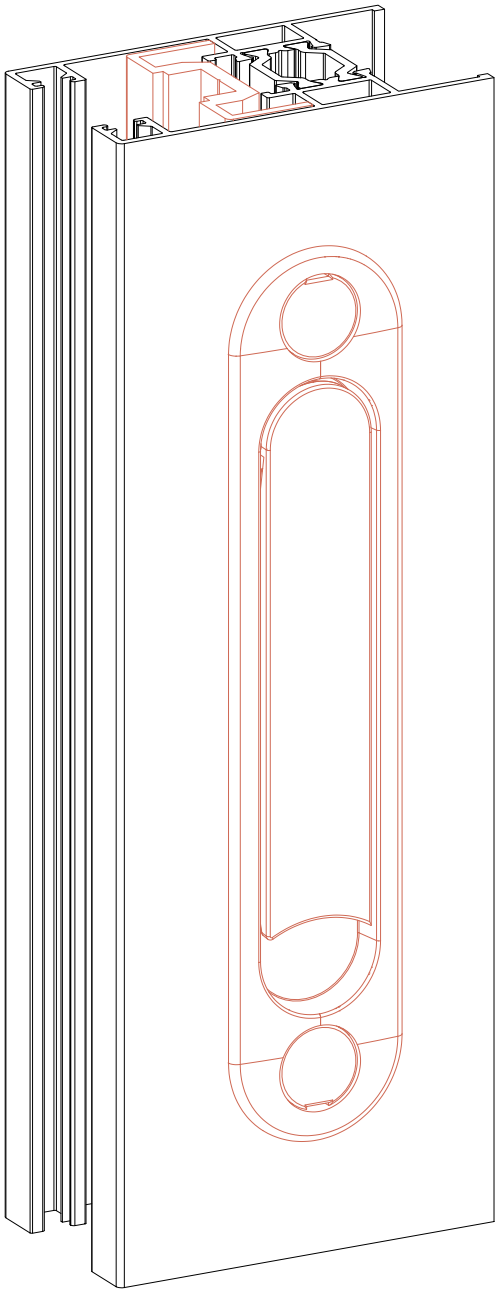
A04.4004 **PENCERE KOLU DETAYI**
WINDOW HANDLE DETAIL

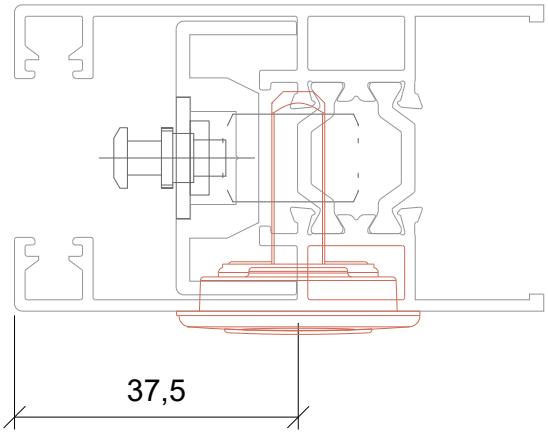


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A04.300X GÖMME PENCERE KOLU DETAYI
HIDDEN WINDOW HANDLE DETAIL



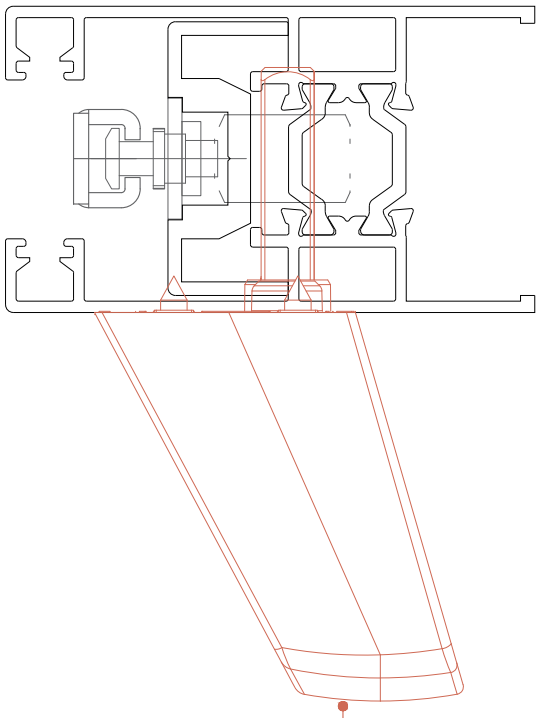


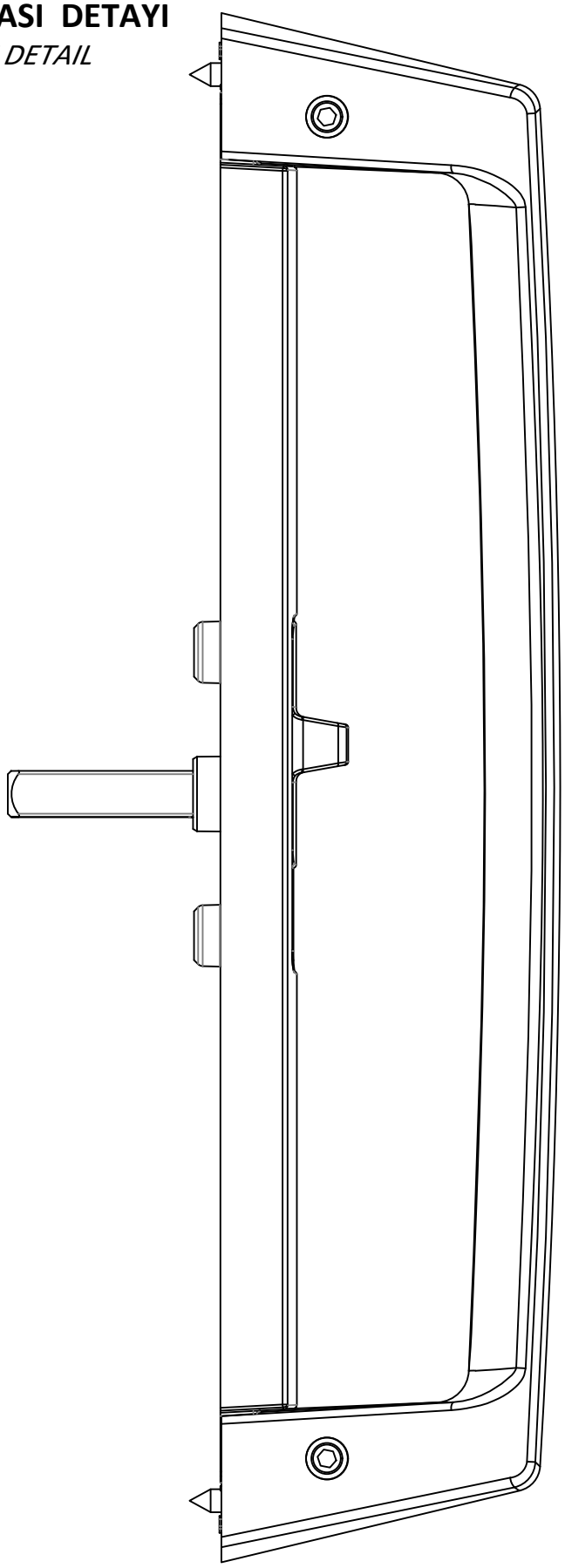


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A04.3004 KAPI KOLU VE KİLİT MEKANİZMASI DETAYI

A04.3004 DOOR HANDLE AND LOCK MECHANISM DETAIL



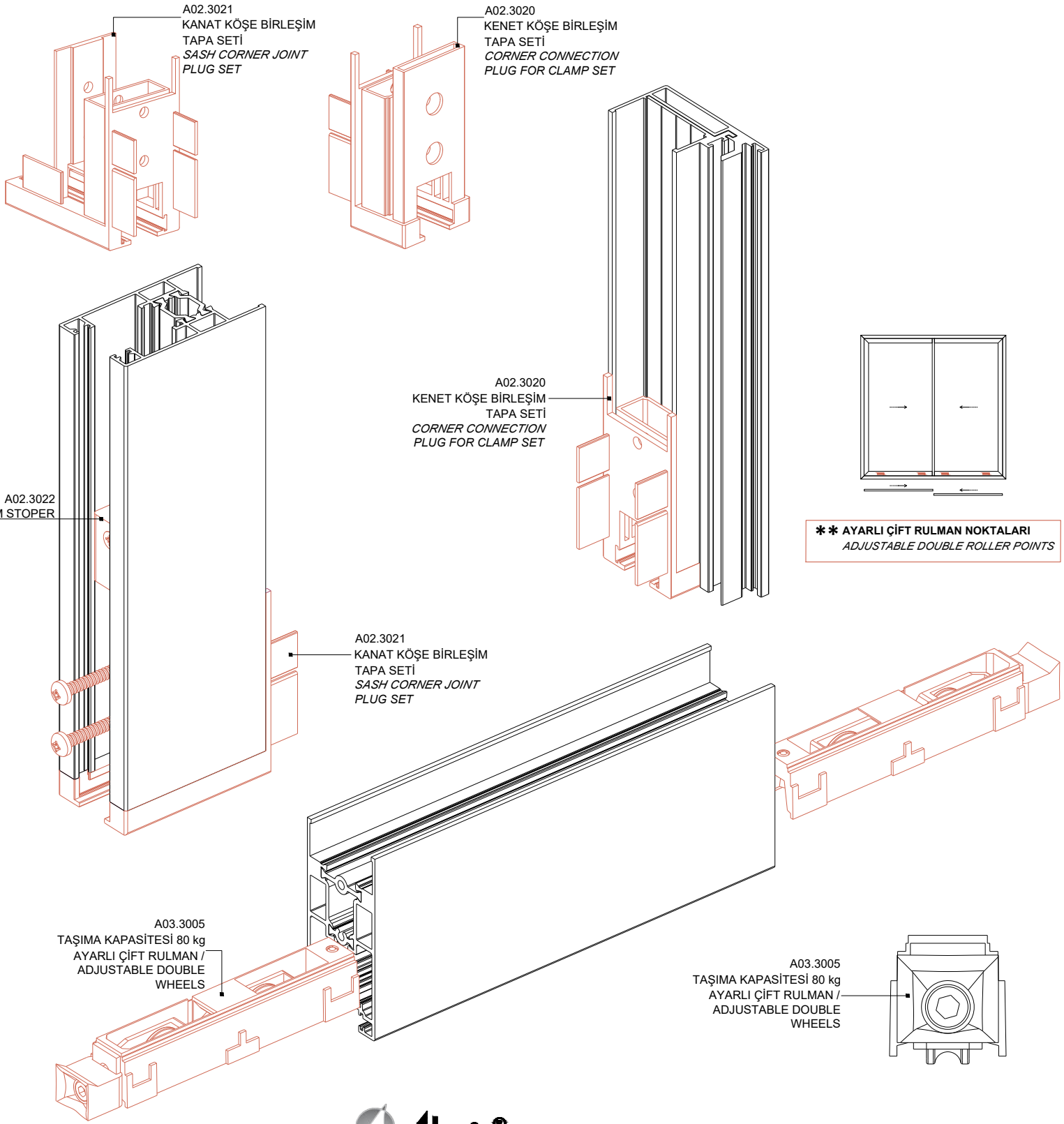


** Kapı kolu ve kilit mekanizması çıkış kapılarında kullanılması önerilir.
** Door handle and lock mechanism is recommended for exit doors*

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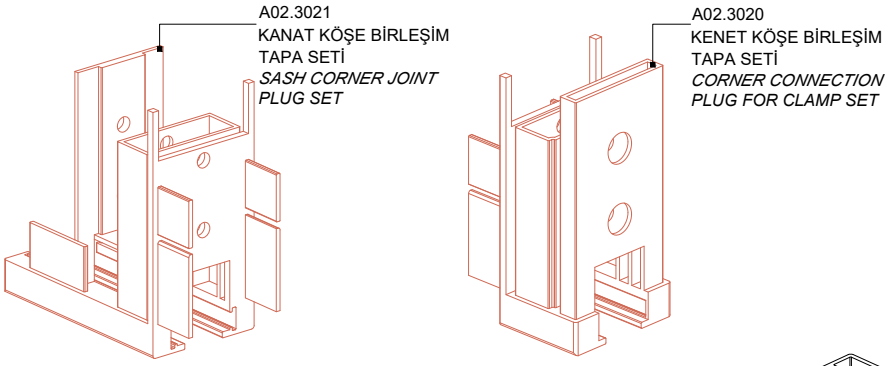
A02.3021 KANAT KÖŞE BİRLEŞİM TAPA SETİ ,A02.3020 KENET KÖŞE BİRLEŞİM TAPA SETİ ve A03.3005 AYARLI ÇİFT RULMAN DETAYI

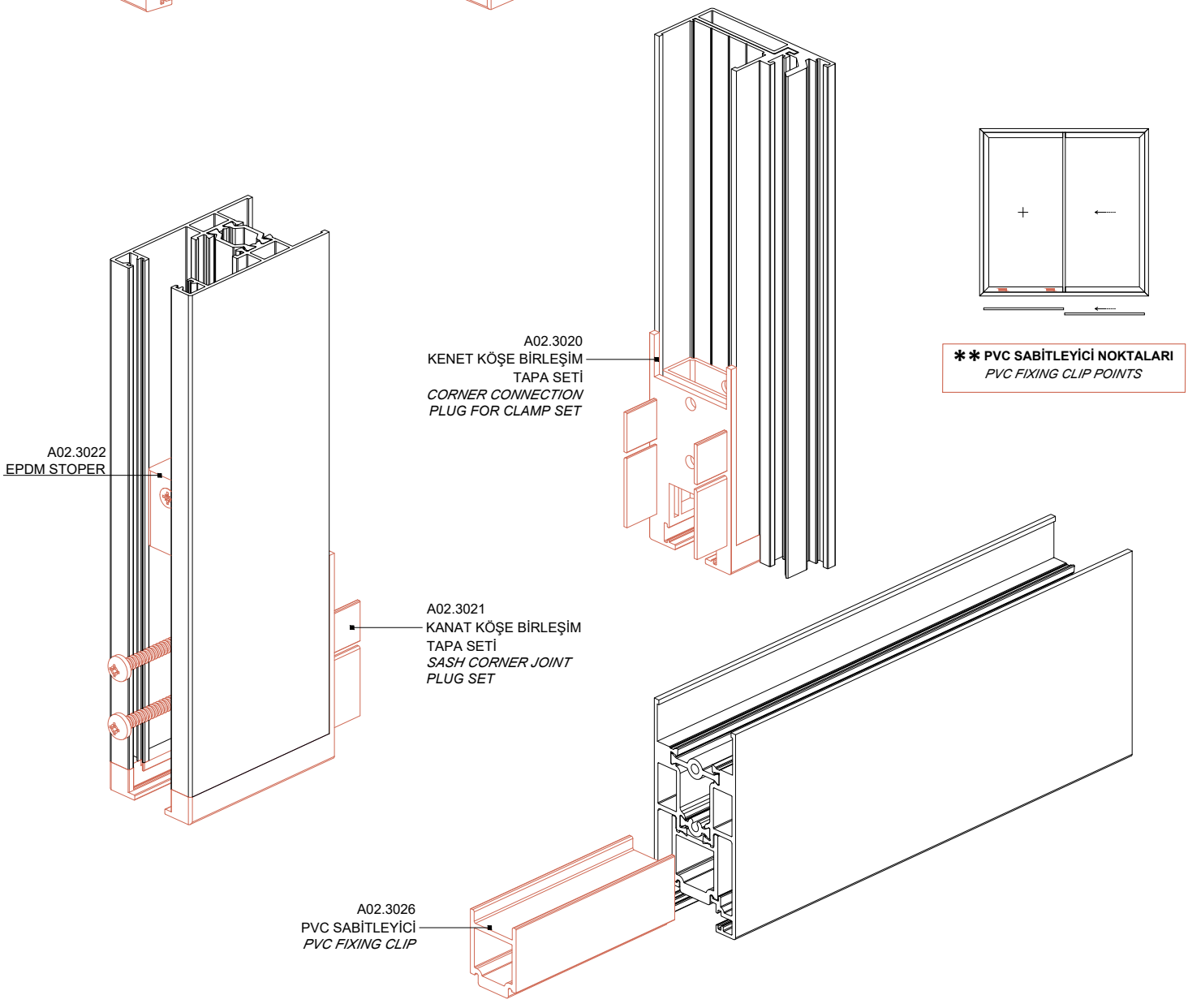
A02.3021 SASH CORNER JOINT PLUG SET, A02.3020 SEAM CORNER JOINT PLUG SET, AND A03.3005 ADJUSTABLE DOUBLE ROLLER DETAIL



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KÖŞE BİRLEŞİM VE A02.3026 PVC SABİTLEYİCİ DETAYI
CORNER JOINT AND PVC FIXING CLIP DETAIL

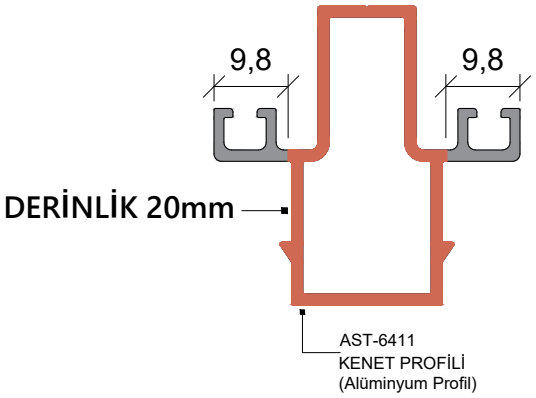


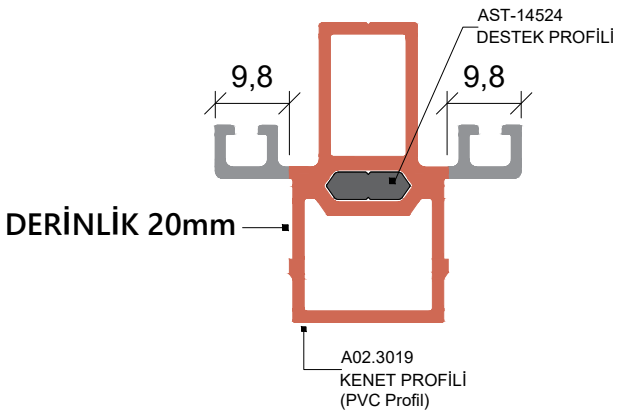


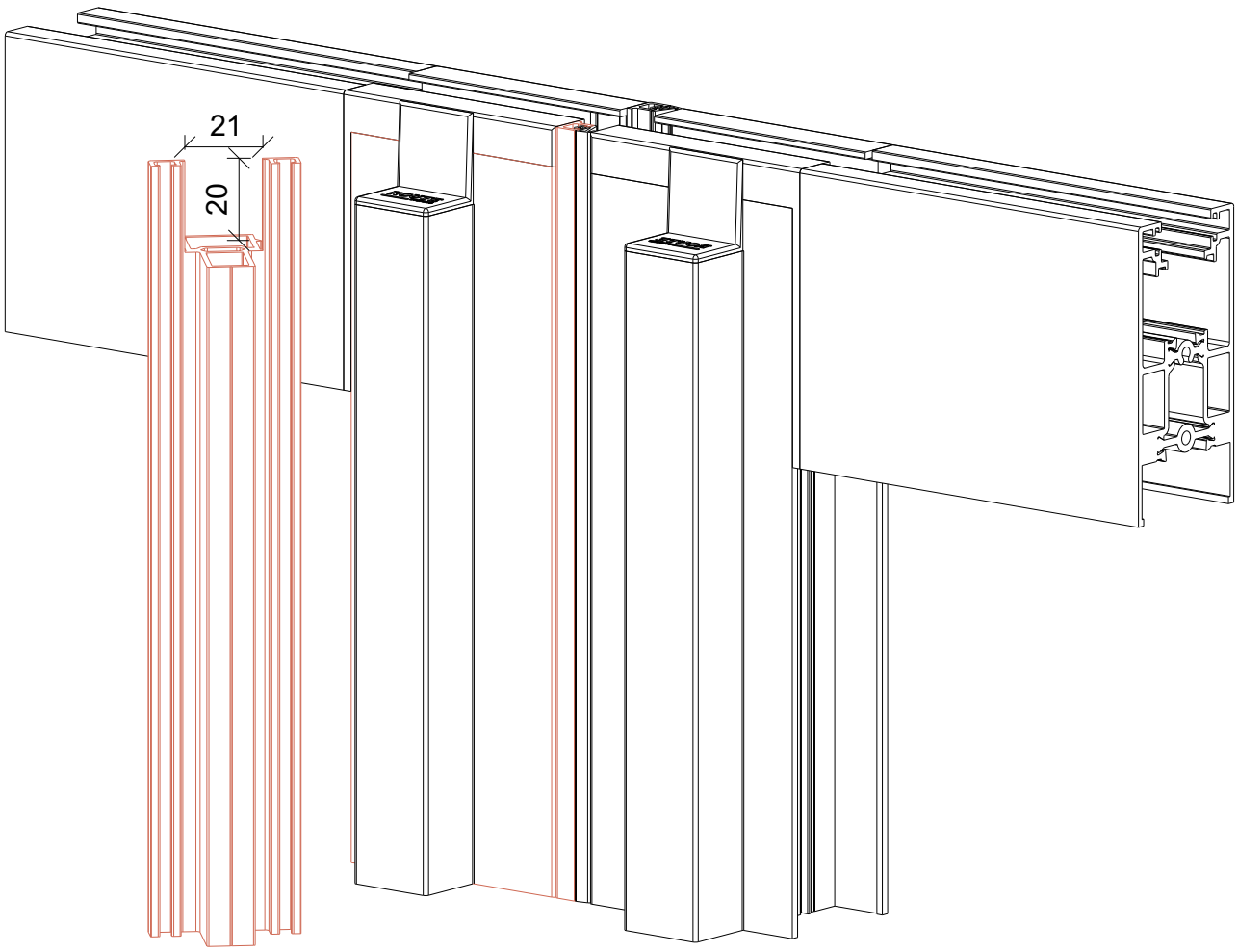
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AST-6411 KENET PROFİLİ BİRLEŞİM DETAYI
AST-6411 SEAM PROFILE JOINT DETAIL



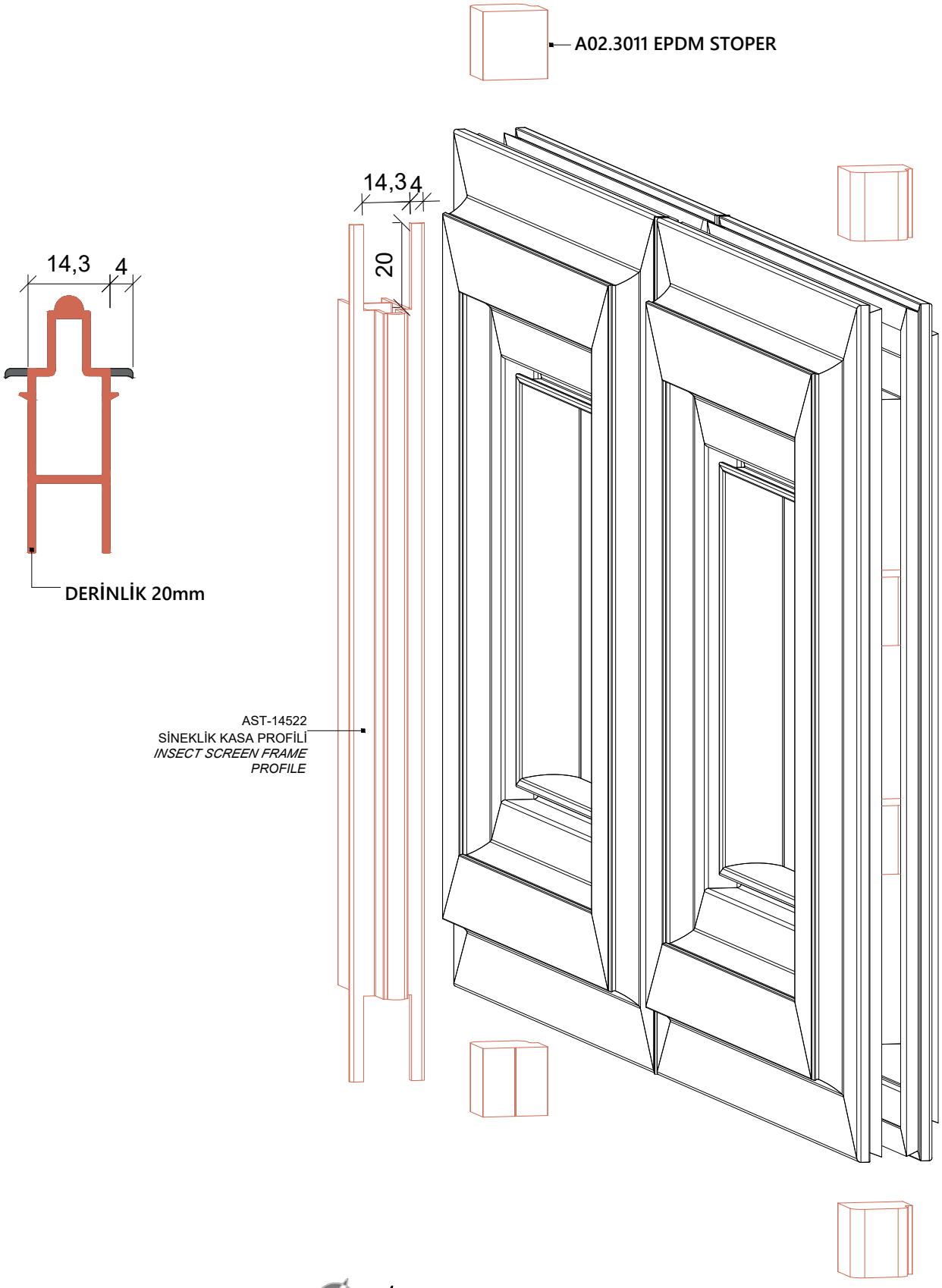




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AST-14522 SİNEKLİK KASA PROFİL DETAYI

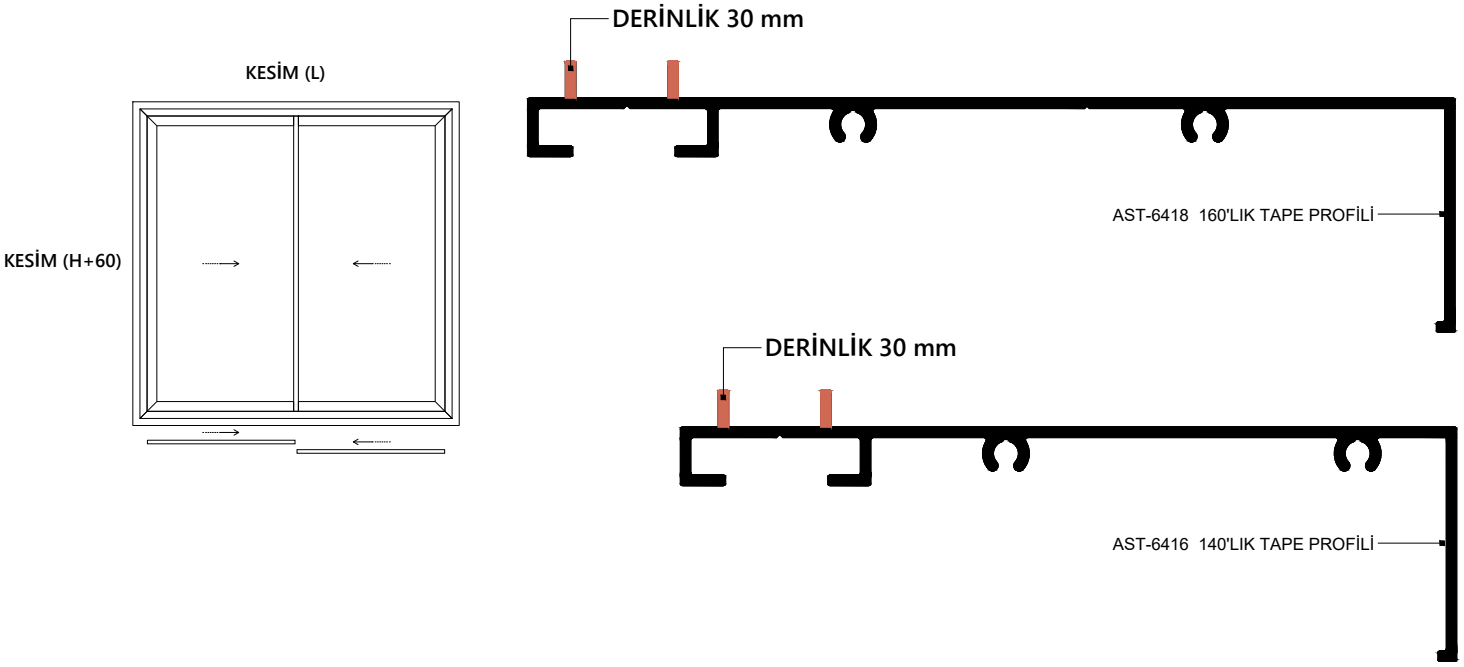
AST-14522 INSECT SCREEN FRAME PROFILE DETAIL

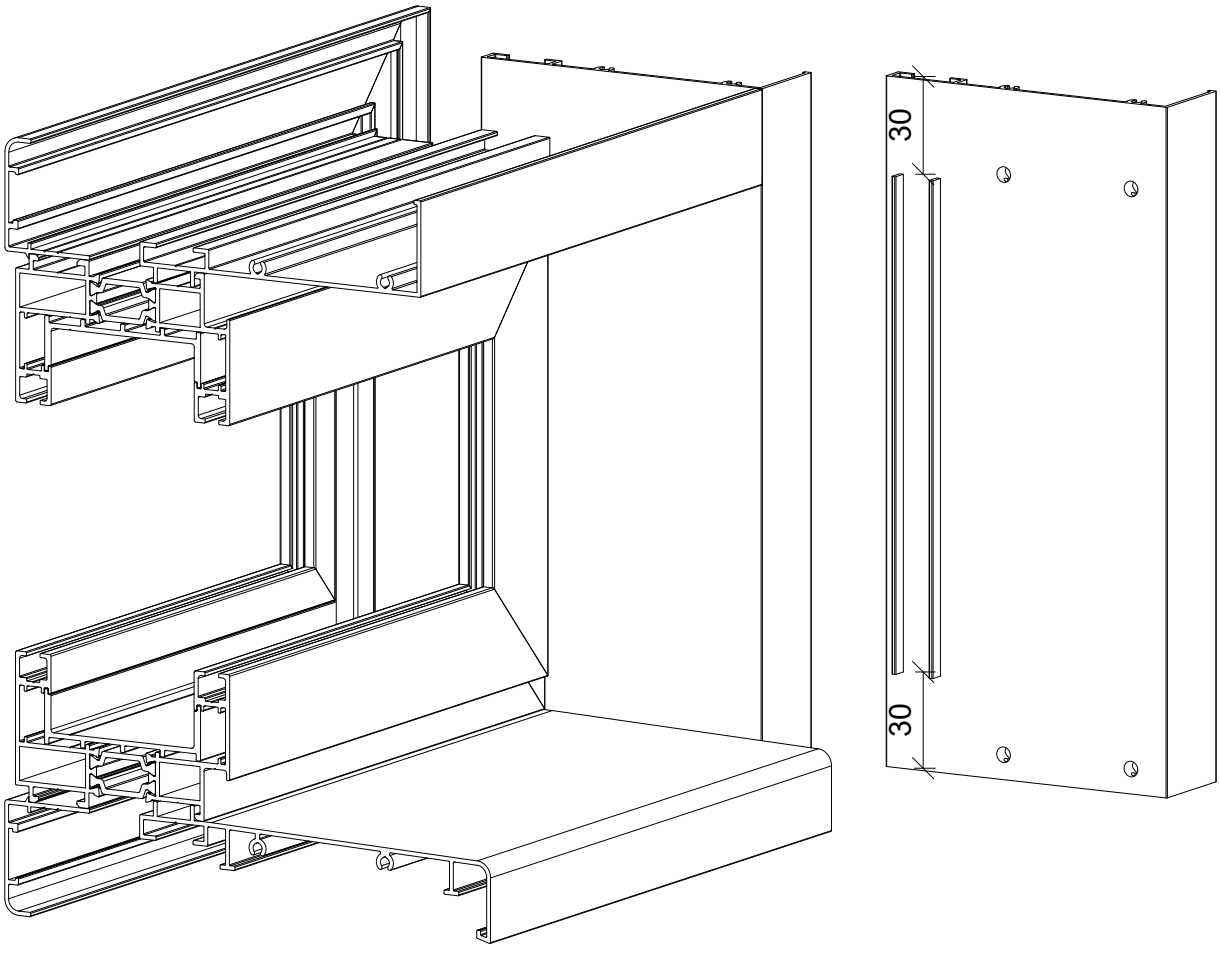


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AST-6416 140'LIK TAPE PROFİLİ ve AST-6418 160'LIK TAPE PROFİLİ KERTME DETAYI

AST-6416 140mm TAPE PROFILE AND AST-6418 160mm TAPE PROFILE NOTCH DETAIL



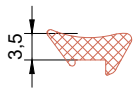
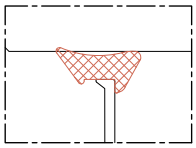
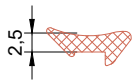
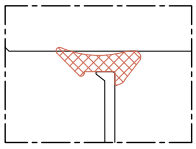
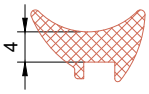
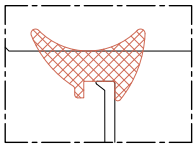
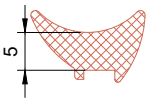
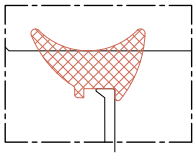
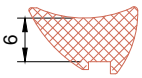
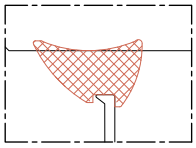
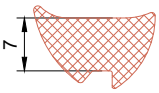
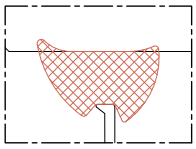
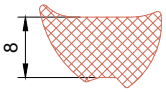
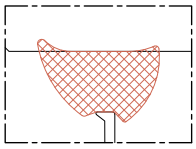


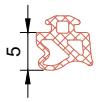
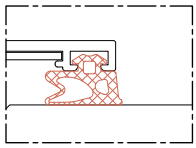
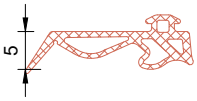
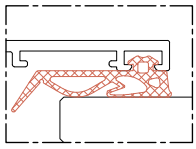
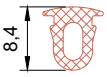
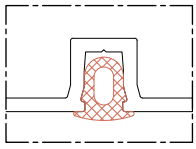
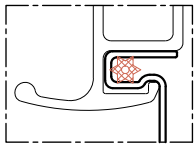
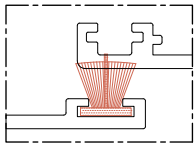
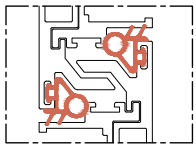
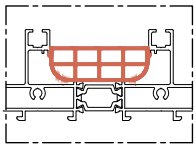
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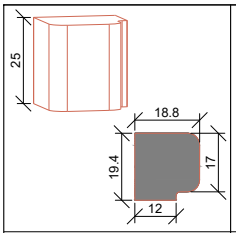
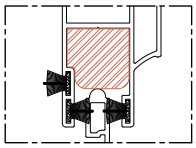
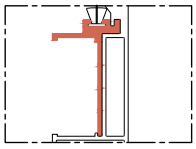
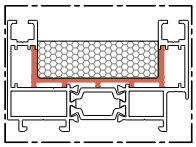
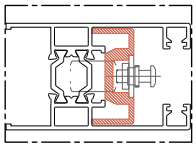
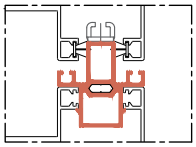
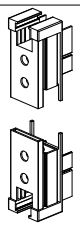
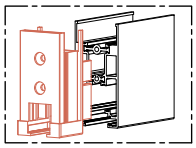
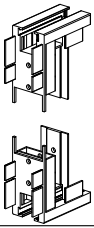
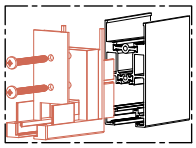
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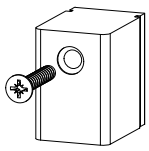
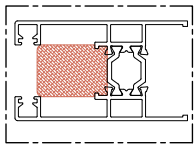
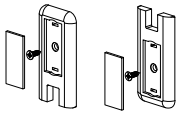
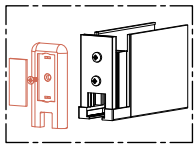
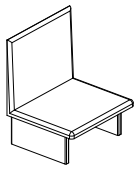
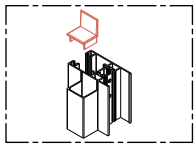
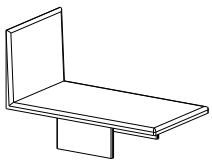
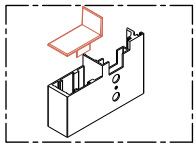
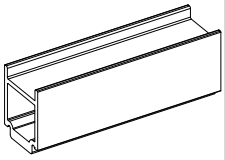
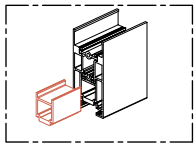
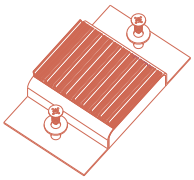
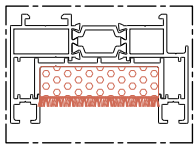
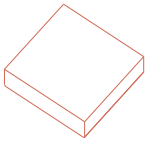
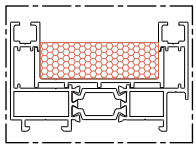
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ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
 Ölçek : 1/1	**A01.1004** 3.5 mm İÇ CAM FİTİLİ (Internal Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 45 gr/m	
 Ölçek : 1/1	**A01.1005** 2.5 mm İÇ CAM FİTİLİ (Internal Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 34.6 gr/m	
 Ölçek : 1/1	**A01.1013** 4 mm İÇ CAM FİTİLİ (Internal Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 89.4 gr/m	
 Ölçek : 1/1	**A01.1014** 5 mm İÇ CAM FİTİLİ (Internal Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 94.8 gr/m	
 Ölçek : 1/1	**A01.1015** 6 mm İÇ CAM FİTİLİ (Internal Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 98.5 gr/m	
 Ölçek : 1/1	**A01.1016** 7 mm İÇ CAM FİTİLİ (Internal Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 137.7 gr/m	
 Ölçek : 1/1	**A01.1017** 8 mm İÇ CAM FİTİLİ (Internal Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 146.2 gr/m	

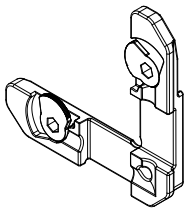
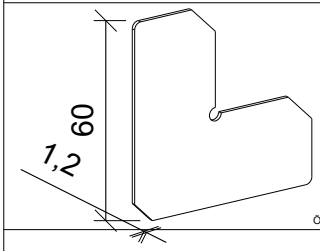
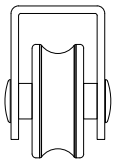
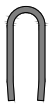
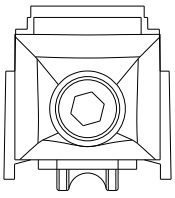
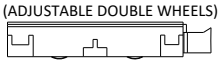
ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
 Ölçek : 1/1	**A01.1023** 5 mm DIŞ CAM FİTİLİ (External Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 32.6 gr/m	
 Ölçek : 1/1	**A01.1024** 5 mm DIŞ CAM FİTİLİ (External Glazing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 60.78 gr/m	
 Ölçek : 1/1	**A01.3004** RAY KAPATMA FİTİLİ (Rail Cover Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 40.6 gr/m	
 Ölçek : 1/1	**A01.3005** SİNEKLİK FİTİLİ (Fly Screen Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 8.52 gr/m	
 Ölçek : 1/1	**A01.3006** SPERDELİ FIRÇA FİTİL 67X700 *(Brush Weatherstrip with Fin)* Koli Miktarı / Package Quantity: 450 m	
 Ölçek : 1/1	**A01.3008** KENET SIZDIRMAZLIK CONTASI (Interlock Sealing Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 48 gr/m	
 Ölçek : 1/2	**A01.3009** KASA KANAL CONTASI (Frame Channel Gasket) Malzeme / *Material* : EPDM Ağırlık / *Weight* : 432 gr/m	

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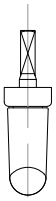
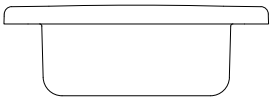
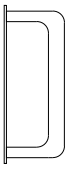
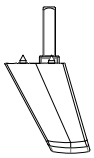
ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	**A02.3011** SİNEKLİK STOPER EPDM (Fly Screen EPDM Stopper)	
 Ölçek : 1/2	**A02.3016** KENET PROFİLİ PVC (Interlock Profile)	
 Ölçek : 1/2	**A02.3017** KASA KANAL U PROFİLİ PVC (Frame Channel U-Profile)	
 Ölçek : 1/2	**A02.3018** İSPANYOLET PROFİLİ PVC (Espagnolette Profile)	
 Ölçek : 1/2	**A02.3019** KENET ADAPTÖR PROFİLİ PVC (Interlock Adapter Profile)	
	**A02.3020** KENET KÖŞE BİRLEŞİM TAPA SETİ-PVC (Interlock Corner Connection End Cap Set)	
	**A02.3021** KANAT KÖŞE BİRLEŞİM TAPA SETİ-PVC (Sash Corner Joint End Cap Set)	

ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	**A02.3022** KANAT STOPERİ EPDM (Sash Stopper)	
	**A02.3023** RAY KAPAK SETİ PVC (Rail Cover End Cap Set)	
	**A02.3024** TAKVİYE PROFİLİ KAPAK SETİ PVC (Reinforcement Profile Cap Set)	
	**A02.3025** KENET PROFİLİ KAPAK SETİ PVC (Interlock Profile End Cap Set)	
	**A02.3026** KANAT SABİTLEME TAKOZU PVC (Sash Fixing Block)	
	**A02.3027** ÇIFT RAYLI ALT SU VE HAVA KESİCİ-EPDM (Double Rail Bottom EPDM Sealing Block)	
	**A02.3028** ÇIFT RAYLI ÜST SU VE HAVA KESİCİ-SÜNGER (Sünger ise: Double Rail Top Foam Sealing Block)	

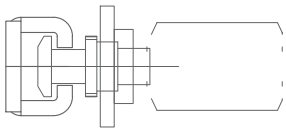
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 Ölçek : 1/2	**A03.3001** ALYANLI KÖŞE ÇAVUŞ (Allen Corner Cleat)
 Ölçek : 1/2	**A03.3002** SAC KÖŞE ÇAVUŞ (Sheet Metal Corner Cleat)
	**A03.3003** SİNEKLİK RULMANI (Fly Screen Roller)
	**A03.3004** RAY U PROFİLİ (U-Rail Profile)
	**A03.3005** AYARLI ÇİFT RULMAN 80KG (ADJUSTABLE DOUBLE WHEELS) 

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ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	**A04.3001** SÜRME KOLU (Sliding Handle)
	**A04.3002** HAVUZ KOLU (Flush Handle)
	**A04.3003** ÇEKME D KOL (D-Pull Handle)
	**A04.3004** SÜRME KOLU (Sliding Handle)
	**A04.4004** PENCERE KOLU (Window Handle)

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ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	**A05.3001** SÜRME İSPANYOLET (Sliding Espagnolette)

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