



ROUTE

SYSTEMS



AR-55

YALITIMSIZ PENCERE KAPI SERİSİ

Uninsulated Window and Door Series



MODERN GÖRÜNÜM
MODERN LOOK



HIZLI MONTAJ
QUICK ASSEMBLY



DAYANIKLI YAPI
DURABLE CONSTRUCTION



2006 yılında Ankara - Sincan OSB'de kurulan Almin Alüminyum, 25.000 m²'lik modern tesisinde, yıllık 14.000 ton üretim kapasitesiyle Türkiye'nin önde gelen alüminyum profil üreticilerindendir.

Özel alaşımlı ve hassas toleranslı profil üretiminde uzmanlaşan Almin, mühendislik tecrübesi ve profesyonel kadrosuyla yüksek kaliteyi üretimin her aşamasına yansıtır. Entegre üretim yapımız; kalıp tasarımı, alüminyum ekstrüzyona, elektrostatik toz boyama, eloksal kaplama ve mekanik işleme kadar tüm süreçleri tek çatı altında sunar.

Geniş makine parkurumuz (5", 2 adet 6" ve 7" pres hatları) ile mimari sistemlerden otomotive, mobilyadan inşaat sanayine, solar enerjiye kadar farklı sektörlere özel, esnek ve sürdürülebilir çözümler sunuyoruz.

TS EN 12020, TS EN 755-1:2016, ISO 9001, ISO 14001, ISO 45001 ve QUALANOD belgelerine sahip üretim sistemimiz; kalite, çevre ve iş güvenliği standartlarına tam uyum sağlar.

Almin USA LLC ile ABD pazarında aktif rol alırken, Avrupa, Orta Doğu ve Afrika başta olmak üzere birçok ülkeye ihracat yapmaktayız. Küresel pazarda büyümeyi sürdürüyor, projelere değer katan yenilikçi çözümler geliştiriyoruz.



Almin Alüminyum olarak, 40 yılı aşkın mühendislik birikimimizi ve üretim tecrübemizi, modern mimarinin gerektirdiği estetik anlayış ve teknik uzmanlıkla buluşturduk. Bu yaklaşımın bir sonucu olarak geliştirdiğimiz ROUTE Mimari Sistemler, sektöre çağdaş, çevreci ve yüksek performanslı çözümler sunan yenilikçi bir sistemdir.

ROUTE, yalnızca bir sistem değil; aynı zamanda yeni nesil yapı projeleri için tasarlanmış bütüncül bir mimari vizyondur. Estetik ve işlevselliği bir arada sunarak, kullanıcı beklentileri ile teknik gereklilikleri dengeli biçimde karşılar.

Avrupa normlarına uygun aksesuarlar ve yüksek performans kriterleriyle öne çıkan ROUTE, zarif tasarımı ve mühendislik odaklı detaylarıyla projelere değer katar.

Sürdürülebilirliği, güvenilirliği ve estetik çizgileriyle ROUTE, mimari projelerde fark yaratmak isteyen profesyoneller için güçlü bir tercihtir. Almin Alüminyum güvencesiyle geliştirilen bu sistem, modern yapıların yeni standardıdır.



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GENEL BİLGİLER /

GENERAL INFORMATION



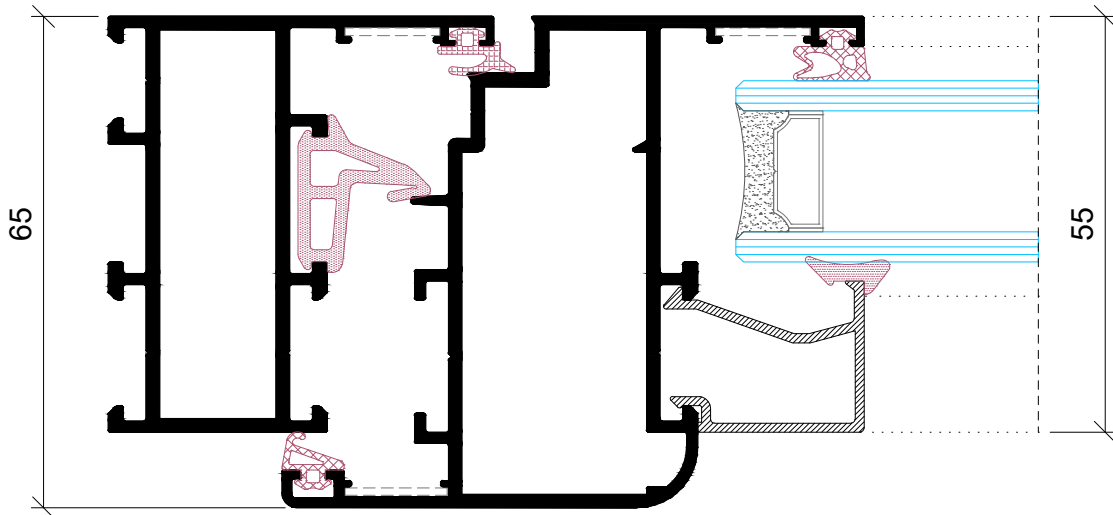
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- YALITIMSIZ DOĞRAMA SİSTEMİ
- 55 mm KASA DERİNLİĞİ
- 65 mm KANAT DERİNLİĞİ
- 6-36 mm ARALIĞINDA CAM MONTAJ İMKANI
- EURO NORM STANDARTLARINDA AKSESUAR UYGUNLUĞU
- STATİK TALEPLERE UYGUN ORTA KAYIT PROFİL SEÇENEĞİ





TEKNİK ÖZELLİKLER

KASA DERİNLİĞİ	55 mm
KANAT DERİNLİĞİ	65 mm
PROFİL ET KALINLIĞI	1,5 / 1,8 mm
MAKS. CAM KALINLIĞI	36,0 mm
YALITIM BARİYERİ	-

KULLANIM SEÇENEKLERİ

İÇ AÇILIM PENCERE	+
İÇ AÇILIM KAPI	+
DIŞ AÇILIM PENCERE	-
DIŞ AÇILIM KAPI	+
VASİSTAS PENCERE	+
ÇİFT EKSENLİ AÇILIM	+
PVC AKSESUAR	+
PARALEL SÜRME	+
KATLANIR KAPI	+
PİVOT	+

PERFORMANS DEĞERLERİ

HAVA GEÇİRGENLİĞİ - EN 12207	CLASS 4 (600 Pa)
SU SIZDIRMAZLIK - EN 12208	CLASS 9A (600 Pa)
RÜZGAR YÜKÜ DAYANIM - EN 12210	CLASS 4 (1600 Pa)
SEHİM - EN 12210	CLASS C (L/300)
SİSTEM UF DEĞERİ - EN 10077-2	-



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PROFİL LİSTESİ /

PROFILE LIST



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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 Moments of Inertia	
						J _x (cm)	J _y (cm)
1		AR-5501	YZ-1801	Dar Kasa Profili 1.8 mm	1.04 kg/m	15.30	5.10
2		AR-5502	YZ-1501	Dar Kasa Profili 1.5 mm	0.94 kg/m	14.30	4.80
3		AR-5503	YZ-1802	Orta Kasa Profili 1.8 mm	1.12 kg/m	18.10	9.10
4		AR-5504	YZ-1502	Orta Kasa Profili 1.5 mm	1.01 kg/m	16.80	8.50
5		AR-5506	YZ-1803	Geniş Kasa Profili 1.8 mm	1.32 kg/m	28.50	19.80
6		AR-5507	YZ-1804	Z Kasa Profili 1.8 mm	1.23 kg/m	24.00	10.20
7		AR-5508	YZ-1503	Dar Kanat Profili 1.5 mm	1.07 kg/m	24.30	4.80
8		AR-5509	YZ-1805	Orta Kanat Profili 1.8 mm	1.27 kg/m	30.40	9.20
9		AR-5511	YZ-1806	Geniş Kanat Profili 1.8 mm	1.47 kg/m	44.10	21.50
10		AR-5513	YZ-1807	Dışa Açılır Kanat Profili 1.8 mm	1.47 kg/m	35.30	27.60
11		AR-5515	YZ-1808	PVC Kanallı Dar Kanat Profili 1.8 mm	1.38 kg/m	30.70	9.10
12		AR-5517	YZ-1809	PVC Kanallı Geniş Kanat Profili 1.8 mm	1.57 kg/m	44.70	21.70
		AR-5519	YZ-1504	Dar Orta Kayıt & Kasa Profili 1.5 mm	1.04 kg/m	15.60	8.70
14		AR-5520	YZ-1505	Dar Orta Kayıt & Kasa Profili 1.5 mm	1.23 kg/m	17.80	8.90
15		AR-5521	YZ-1810	Orta Kayıt & Kasa Profili 1.8 mm	1.22 kg/m	19.00	14.30
16		AR-5523	YZ-1811	Takviyeli Orta Kayıt Profili 1.8 mm	2.02 kg/m	121.30	22.00
17		AR-5524	YZ-1812	Takviyeli Orta Kayıt Profili 1.8 mm	2.18 kg/m	93.60	27.30
18		AR-5525	YZ-1506	Eşik Profili 1.5 mm	1.43 kg/m	37.40	25.10
19		AR-5526	YZ-1813	Etek Profili 1.8 mm	0.81 kg/m	10.50	1.00





No	Profil Şekli/ Profile	Profil Kodu Profile Code	Kalıp Kodu / Code	Profil Adı / Profile Name	Ağırlık (kg/m) Weight	Atalet Momentleri Moments of Inertia	
						J _x (cm)	J _y (cm)
20		AR-5527	YZ-1814	Etek Profili 1.8 mm	1.63 kg/m	66.90	31.10
21		AR-5528	YZ-1815	Kanat Adaptörü Profili 1.8 mm	1.18 kg/m	16.10	7.50
22		AR-5529	YZ-1816	Çift Kanat Adaptör Profili 1.8 mm	1.11 kg/m	19.6	9.4
23		AR-5530	YZ-1507	Köşe Profili 1.5 mm	0.92 kg/m	17.40	17.40
24		AR-5531	YZ-1508	Köşe Profili 1.5 mm	0.68 kg/m	9.10	9.10
25		AR-5532	YZ-1817	Kasa Adaptörü Profili 1.8 mm	0.92 kg/m	12.00	4.00
26		RO-001	SO-001	Tij Profili	0.09 kg/m	---	---
27		RO-002	SO-002	Damlalık Profili	0.17 kg/m	---	---
28		RO-005	SO-005	Eşik Fitol Damlalık Profili	0.32 kg/m	---	---
29		RO-006	SO-006	Köşe Çıta Profili	0.17 kg/m	---	---
30		RO-007	SO-007	Köşe Çıta Profili	0.23 kg/m	---	---
31		RC2212	SC001	Cam Çıta Profili 12mm	0.230 kg/m	---	---
32		RC2216	SC002	Cam Çıta Profili 16mm	0.246 kg/m	---	---
33		RC2220	SC003	Cam Çıta Profili 20mm	0.249 kg/m	---	---
34		RC2222	SC004	Cam Çıta Profili 22mm	0.254 kg/m	---	---
35		RC2226	SC005	Cam Çıta Profili 26mm	0.268 kg/m	---	---
36		RC2230	SC006	Cam Çıta Profili 30mm	0.281 kg/m	---	---
37		RC2208	SC007	Cam Çıta Profili 8mm	0.227 kg/m	---	---
38		RC2210	SC008	Cam Çıta Profili 10mm	0.235 kg/m	---	---





No	Profil Şekli/ Profile	Profil Kodu Profile Code	Kalıp Kodu / Code	Profil Adı / Profile Name	Ağırlık (kg/m) Weight	Atalet Momentleri Moments of Inertia	
						J _x (cm)	J _y (cm)
39		RC2214	SC009	Cam Çita Profili 14mm	0.238 kg/m	---	---
40		RC2218	SC010	Cam Çita Profili 18mm	0.241 kg/m	---	---
41		RC2224	SC011	Cam Çita Profili 24mm	0.262 kg/m	---	---
42		RC2228	SC012	Cam Çita Profili 28mm	0.276 kg/m	---	---
43		RC2232	SC013	Cam Çita Profili 32mm	0.289 kg/m	---	---
44		RC2234	SC014	Cam Çita Profili 34mm	0.295 kg/m	---	---
45		RC2236	SC015	Cam Çita Profili 36mm	0.303 kg/m	---	---
46		RC2238	SC016	Cam Çita Profili 38mm	0.311 kg/m	---	---
47		RKT240	ST001	Köşe Takoz Profili 24mm	3.10 kg/m	79.30	32.70
48		RKT440	ST002	Köşe Takoz Profili 44mm	5.31 kg/m	101.1	63.80
49		RKT165	ST003	Köşe Takoz Profili 16.5mm	2.04 kg/m	33.80	12.40
50		RKT150	ST004	Köşe Takoz Profili 15mm	2.01 kg/m	34.00	11.70
51		RKT365	ST005	Köşe Takoz Profili 36.5mm	3.40 kg/m	75.30	46.40
52		RO-510	SO-009	Orta Kayıt Bağlantı Profili	1.15 kg/m	---	---

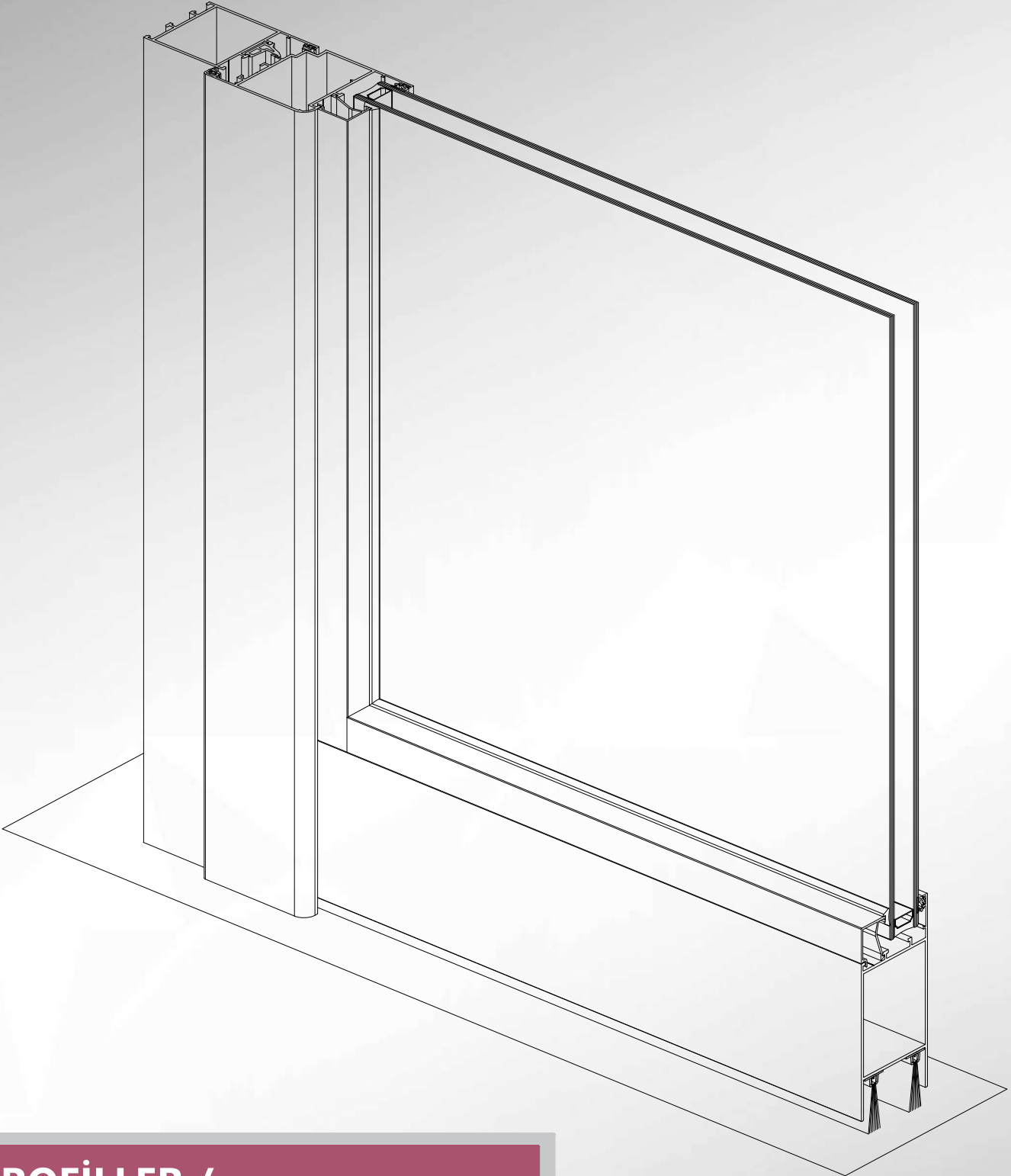




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PROFİLLER /

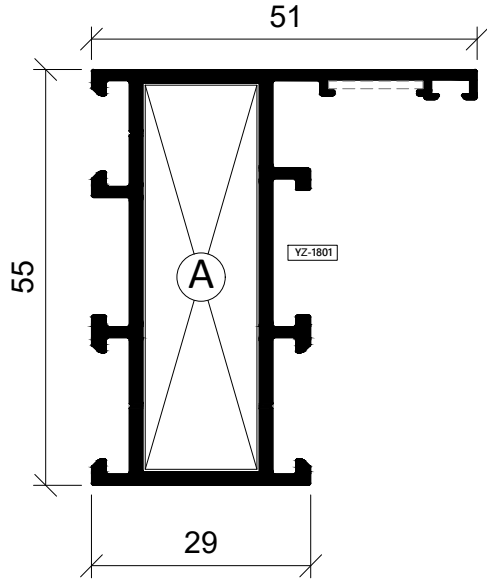
PROFILES



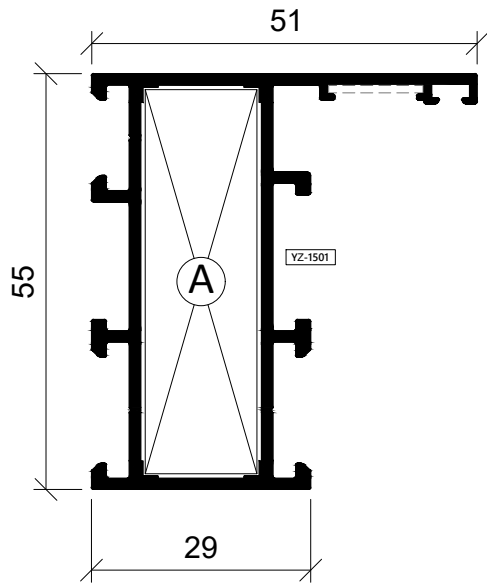
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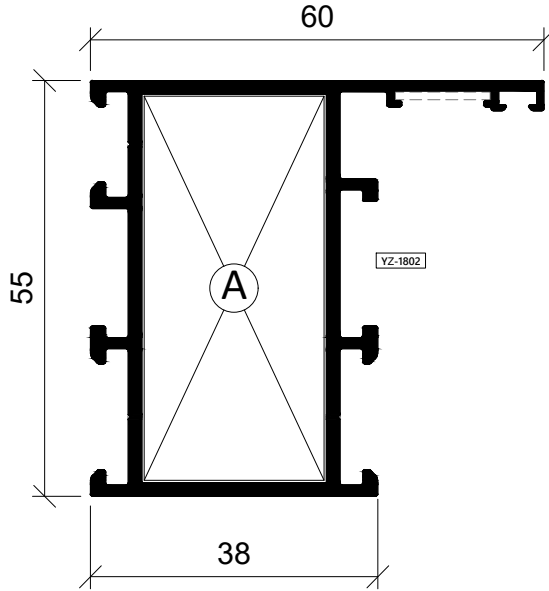


Kod	AR-5501
Ağırlık	1.04 Kg/m
Jx	15.3 cm ⁴
Jy	5.1 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT150 
Parça Kodu	(A)150KT510
Kesim Ölçüsü	51,0 mm

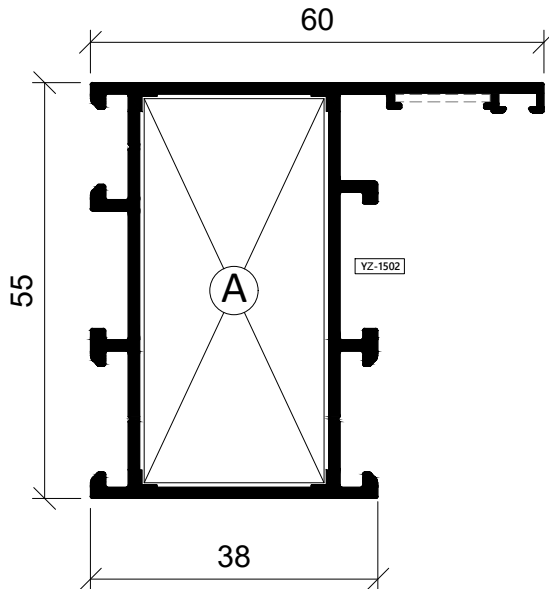


Kod	AR-5502
Ağırlık	0.94 Kg/m
Jx	14.3 cm ⁴
Jy	4.8 cm ⁴
Et Kalınlık	1.5 mm
Profil Kodu	RKT150 
Parça Kodu	(A)150KT510
Kesim Ölçüsü	51,0 mm



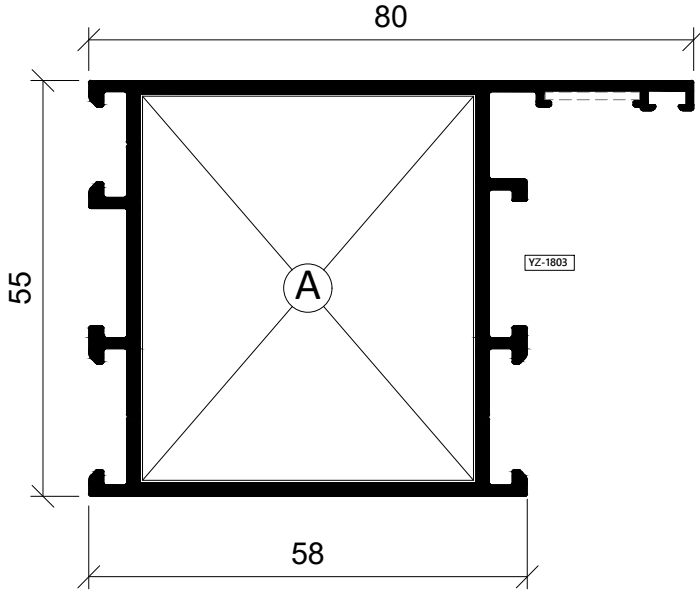


Kod	AR-5503
Ağırlık	1.12 Kg/m
Jx	18.1 cm ⁴
Jy	9.1 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT240 
Parça Kodu	(A)240KT510
Kesim Ölçüsü	51,0 mm

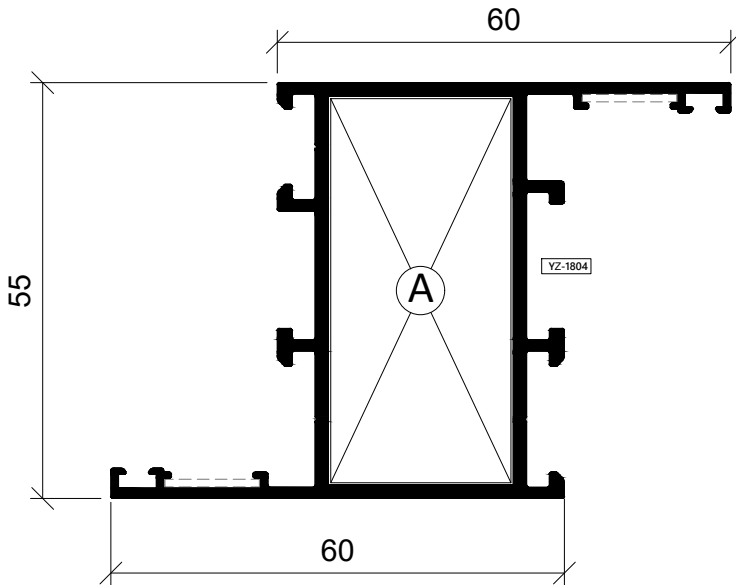


Kod	AR-5504
Ağırlık	1.01 Kg/m
Jx	16.8 cm ⁴
Jy	8.5 cm ⁴
Et Kalınlık	1.5 mm
Profil Kodu	RKT240 
Parça Kodu	(A)240KT510
Kesim Ölçüsü	51,0 mm



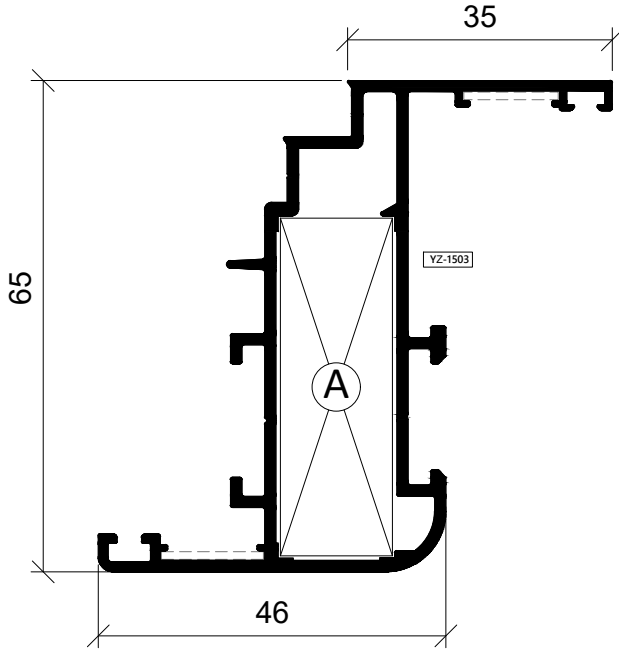


Kod	AR-5506
Ağırlık	1.32 Kg/m
Jx	28.5 cm ⁴
Jy	19.8 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT440
Parça Kodu	(A)440KT510
Kesim Ölçüsü	51,0 mm

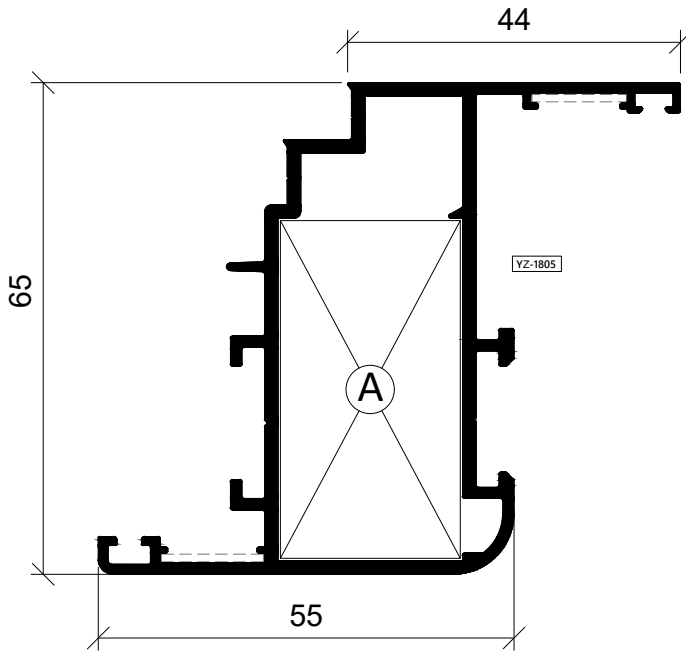


Kod	AR-5507
Ağırlık	1.23 Kg/m
Jx	24.0 cm ⁴
Jy	10.2 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT240
Parça Kodu	(A)240KT510
Kesim Ölçüsü	51,0 mm



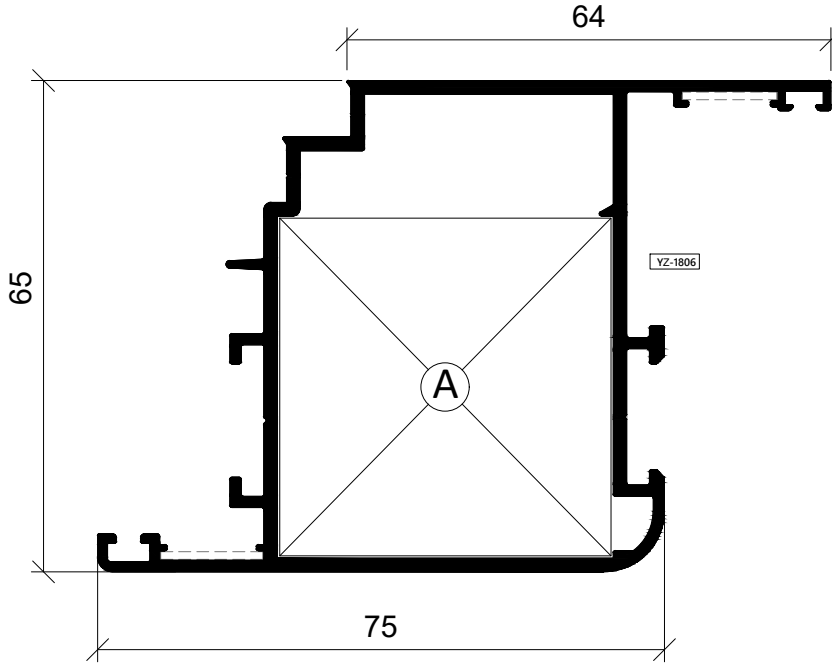


Kod	AR-5508
Ağırlık	1.07 Kg/m
Jx	24.3 cm ⁴
Jy	4.8 cm ⁴
Et Kalınlık	1.5 mm
Profil Kodu	RKT150 
Parça Kodu	(A)150KT449
Kesim Ölçüsü	44,9 mm

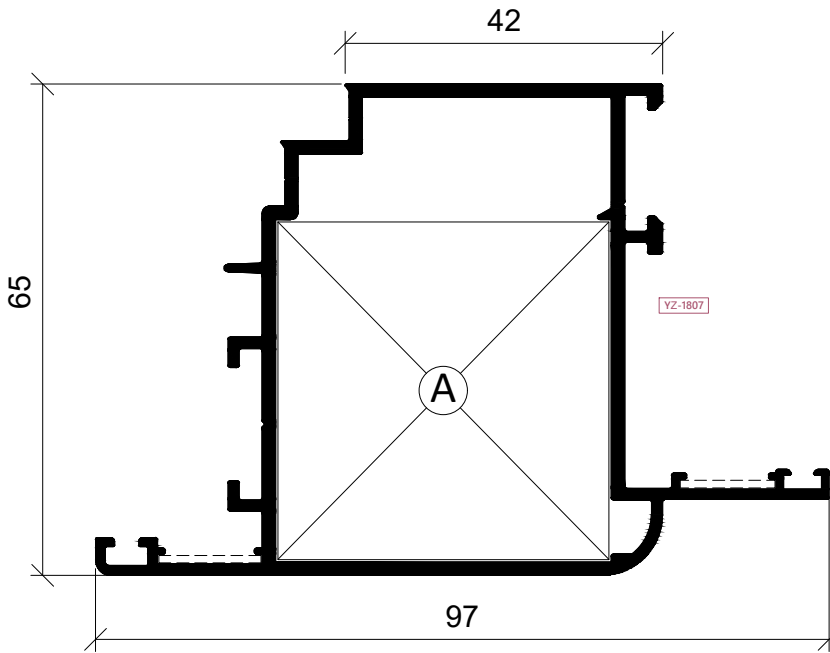


Kod	AR-5509
Ağırlık	1.27 Kg/m
Jx	30.4 cm ⁴
Jy	9.2 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT240 
Parça Kodu	(A)240KT449
Kesim Ölçüsü	44,9 mm



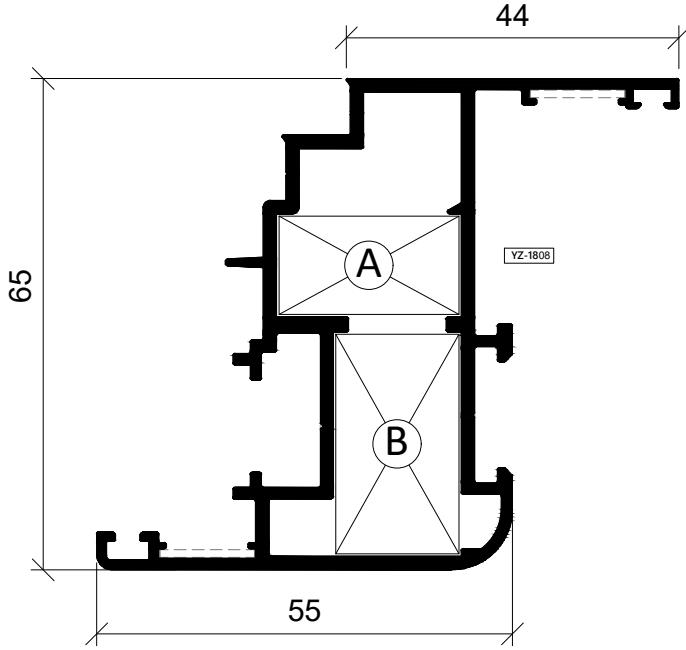


Kod	AR-5511
Ağırlık	1.47 Kg/m
Jx	44.1 cm ⁴
Jy	21.5 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT440 
Parça Kodu	(A)440KT449
Kesim Ölçüsü	44,9 mm



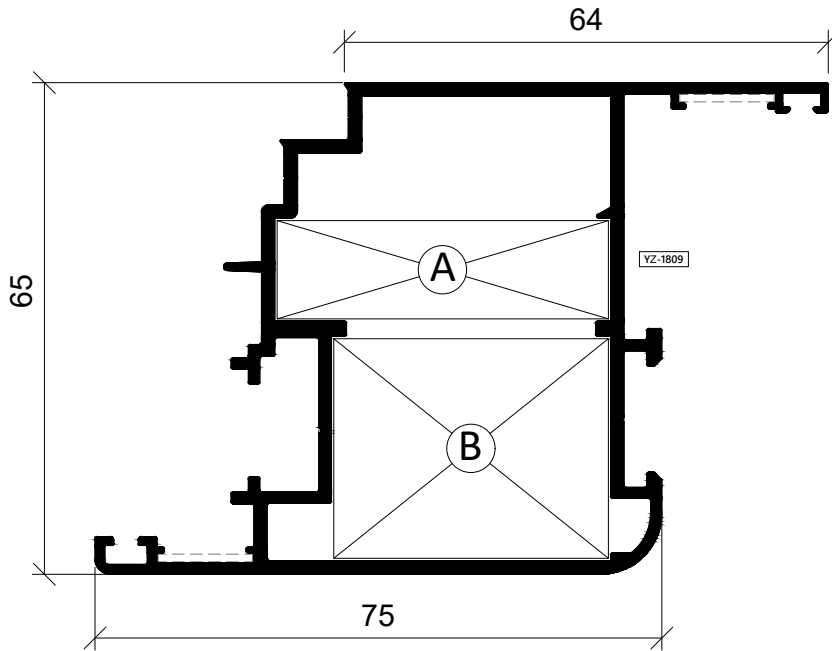
Kod	AR-5513
Ağırlık	1.47 Kg/m
Jx	35.3 cm ⁴
Jy	27.6 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT440 
Parça Kodu	(A)440KT449
Kesim Ölçüsü	44,9 mm





Kod	AR-5515
Ağırlık	1.38 Kg/m
Jx	30.7 cm ⁴
Jy	9.1 cm ⁴
Et Kalınlık	1.8 mm

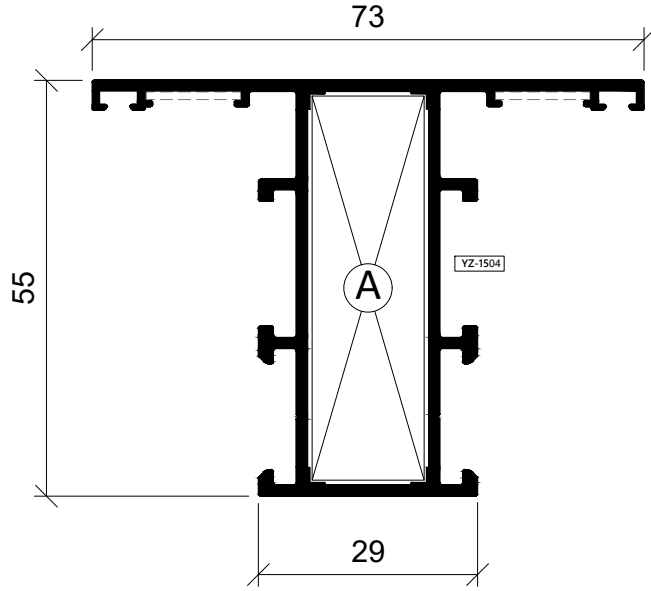
Profil Kodu	RKT240
Parça Kodu	(A)240KT132
Kesim Ölçüsü	13,2 mm
Profil Kodu	RKT165
Parça Kodu	(B)165KT293
Kesim Ölçüsü	29,3 mm



Kod	AR-5517
Ağırlık	1.57 Kg/m
Jx	44.7 cm ⁴
Jy	21.7 cm ⁴
Et Kalınlık	1.8 mm

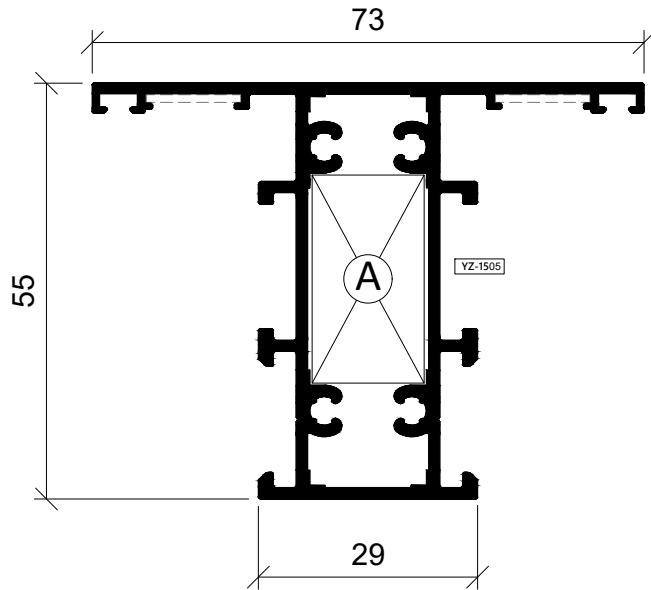
Profil Kodu	RKT440
Parça Kodu	(A)440KT132
Kesim Ölçüsü	13,2 mm
Profil Kodu	RKT365
Parça Kodu	(B)365KT293
Kesim Ölçüsü	29,3 mm





Kod	AR-5519
Ağırlık	1.04 Kg/m
Jx	15.6 cm ⁴
Jy	8.7 cm ⁴
Et Kalınlık	1.5 mm

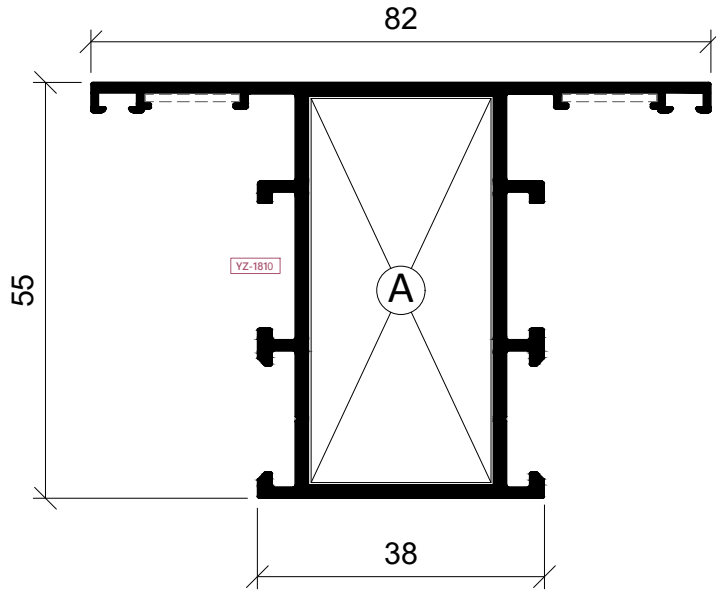
Profil Kodu	RKT150
Parça Kodu	(A)150KT510
Kesim Ölçüsü	51,0 mm



Kod	AR-5520
Ağırlık	1.23 Kg/m
Jx	17.8 cm ⁴
Jy	8.9 cm ⁴
Et Kalınlık	1.5 mm

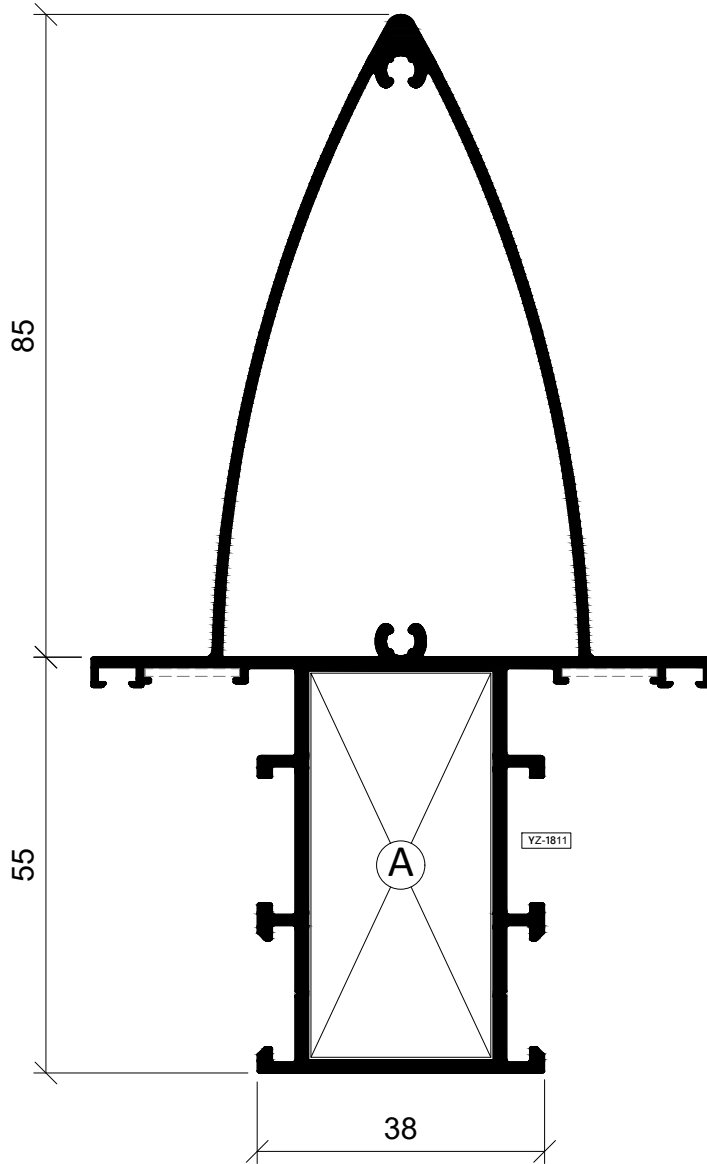
Profil Kodu	RKT150
Parça Kodu	(A)150KT277
Kesim Ölçüsü	27,7 mm





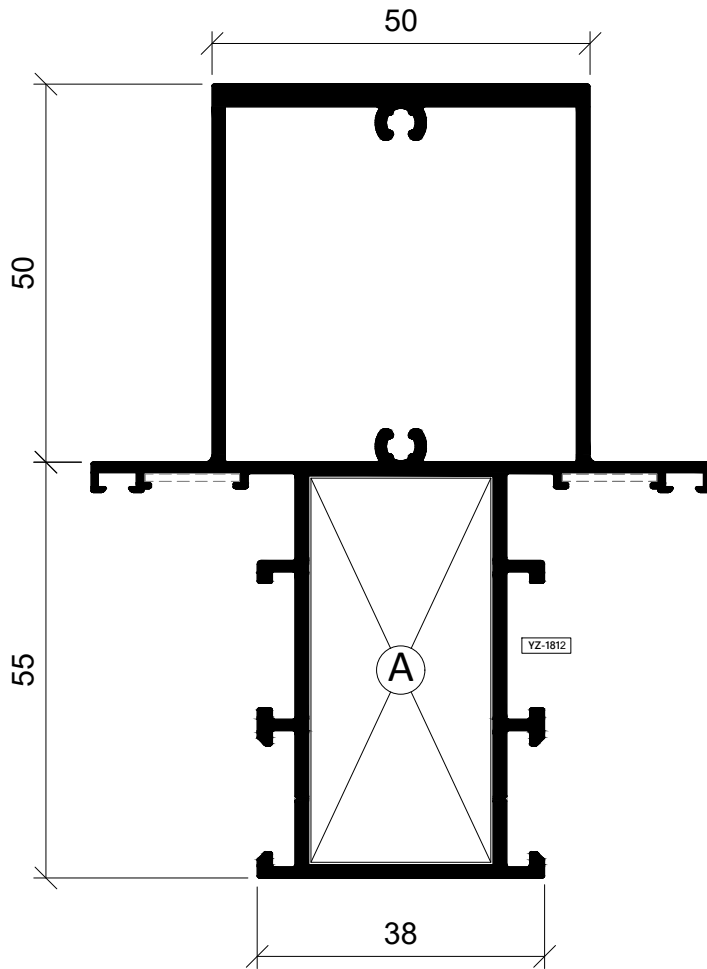
Kod	AR-5521
Ağırlık	1.22 Kg/m
Jx	19.0 cm ⁴
Jy	14.3 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT240 
Parça Kodu	(A)240KT510
Kesim Ölçüsü	51,0 mm





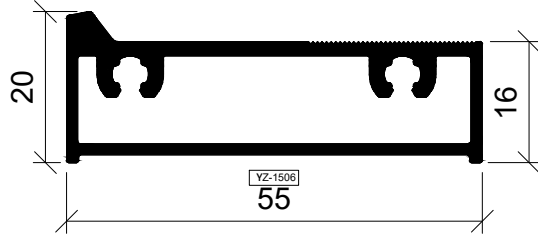
Kod	AR-5523
Ağırlık	2.02 Kg/m
Jx	121.3 cm ⁴
Jy	22.0 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT240 
Parça Kodu	240KT510
Kesim Ölçüsü	51,0 mm



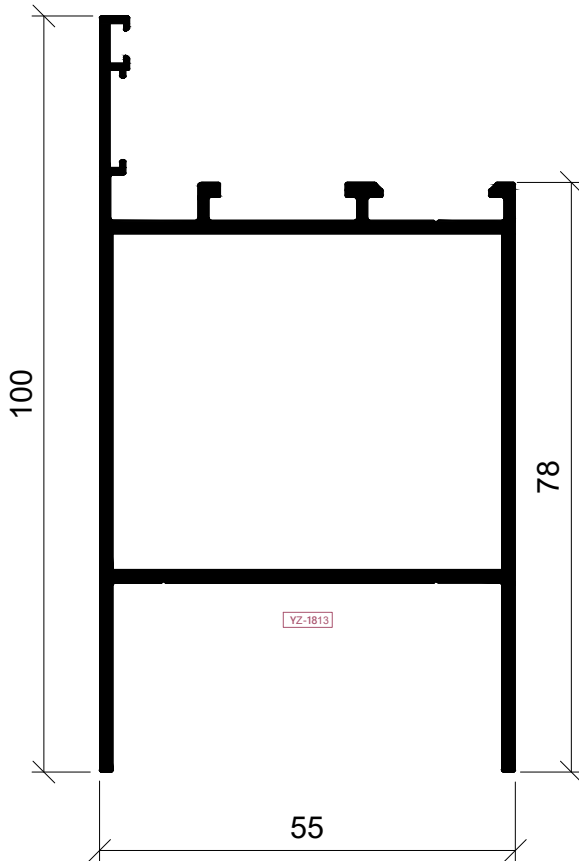


Kod	AR-5524
Ağırlık	2.18 Kg/m
Jx	93.6 cm ⁴
Jy	27.3 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT240 
Parça Kodu	240KT510
Kesim Ölçüsü	51,0 mm



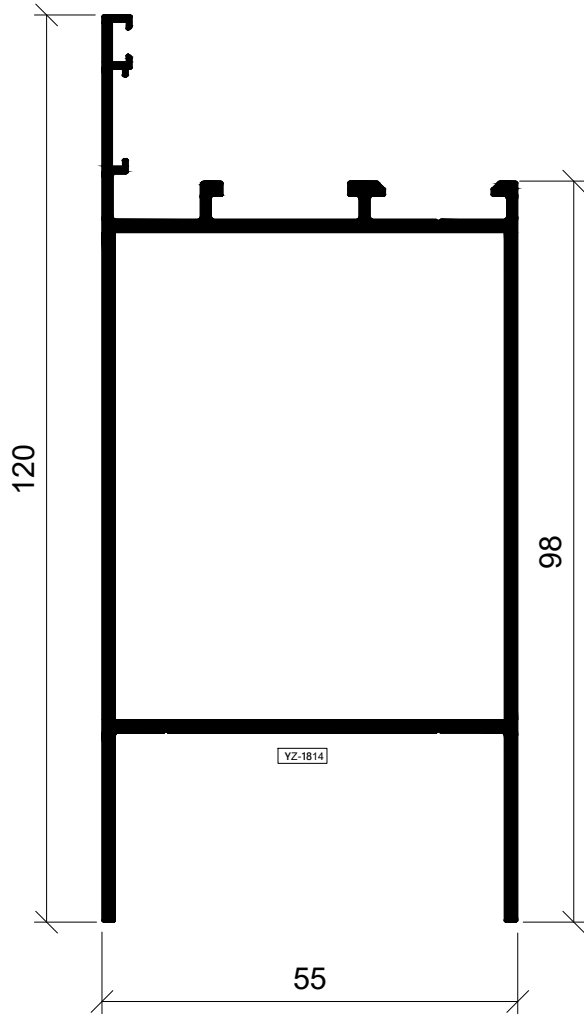


Kod	AR-5525
Ağırlık	0.81 Kg/m
Jx	10.5 cm ⁴
Jy	1.0 cm ⁴
Et Kalınlık	1.8 mm



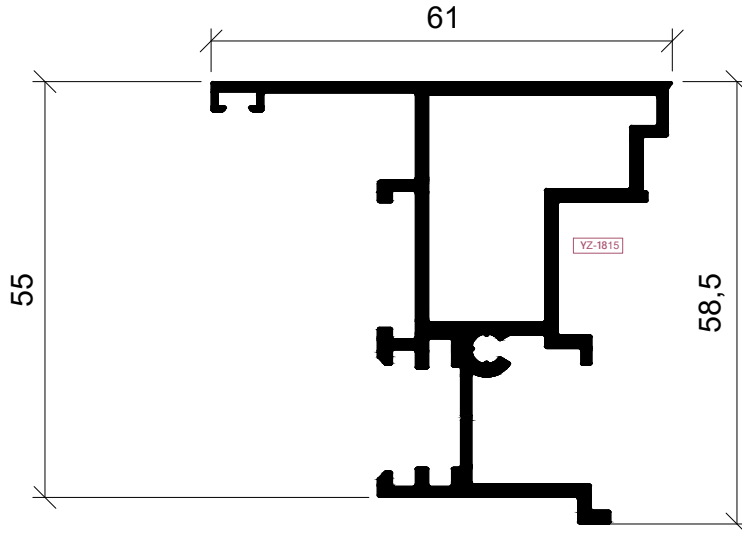
Kod	AR-5526
Ağırlık	1.43 Kg/m
Jx	37.4 cm ⁴
Jy	25.1 cm ⁴
Et Kalınlık	1.8 mm



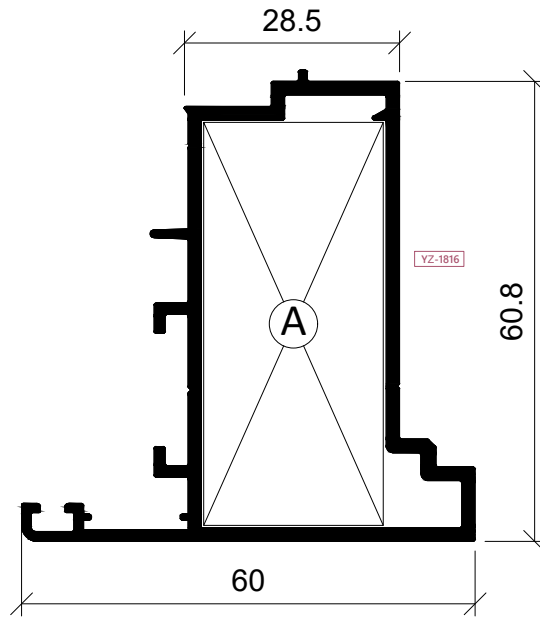


Kod	AR-5527
Ağırlık	1.63 Kg/m
Jx	66.9 cm ⁴
Jy	31.1 cm ⁴
Et Kalınlık	1.8 mm



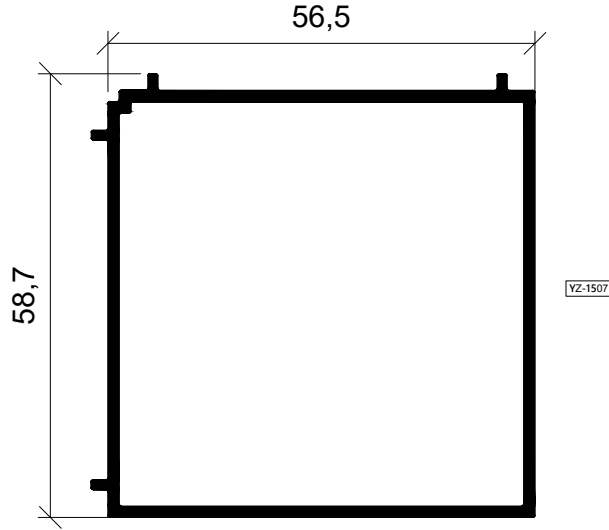


Kod	AR-5528
Ağırlık	1.18 Kg/m
Jx	16.1 cm ⁴
Jy	7.5 cm ⁴
Et Kalınlık	1.8 mm

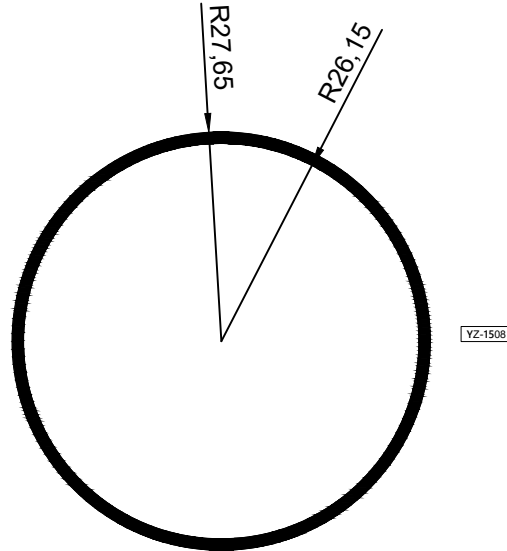


Kod	AR-5529
Ağırlık	1.11 Kg/m
Jx	19.6 cm ⁴
Jy	9.4 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT240
Parça Kodu	240KT535
Kesim Ölçüsü	53,5 mm



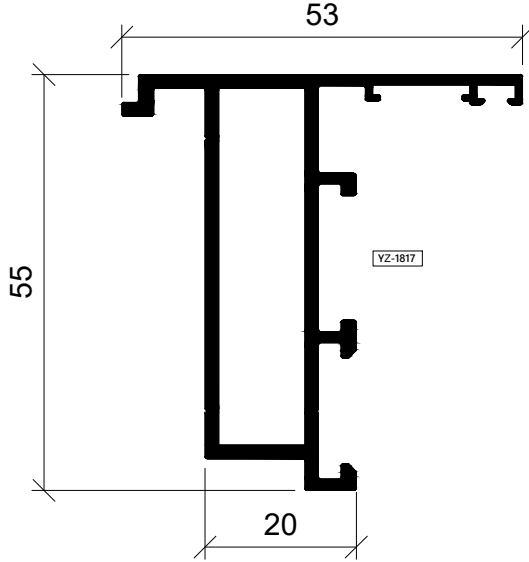


Kod	AR-5530
Ağırlık	0.92 Kg/m
Jx	17.4 cm ⁴
Jy	17.4 cm ⁴
Et Kalınlık	1.5 mm



Kod	AR-5531
Ağırlık	0.68 Kg/m
Jx	9.1 cm ⁴
Jy	9.1 cm ⁴
Et Kalınlık	1.5 mm



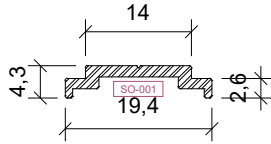


Kod	AR-5532
Ağırlık	0.92 Kg/m
Jx	12.0 cm ⁴
Jy	4.0 cm ⁴
Et Kalınlık	1.8 mm

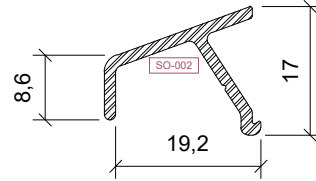




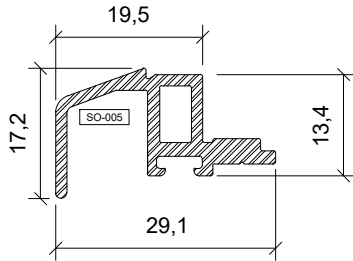
AKSESUAR PROFİLLERİ / ACCESSORY PROFILES



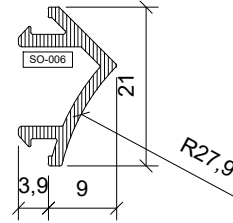
Kod	RO-001
Ağırlık	0.09 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



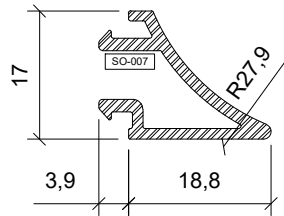
Kod	RO-002
Ağırlık	0.17 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



Kod	RO-005
Ağırlık	0.32 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



Kod	RO-006
Ağırlık	0.17 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

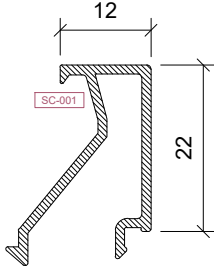


Kod	RO-007
Ağırlık	0.23 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

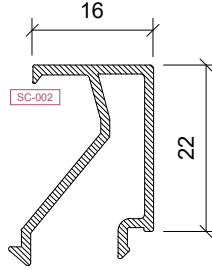




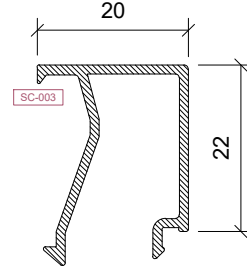
CAM ÇİTALARI / GLAZING BEAD PROFILES



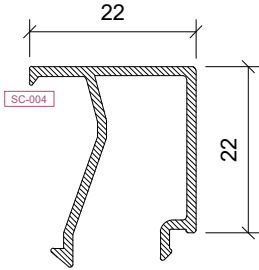
Kod	RC2212
Ağırlık	0.230 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



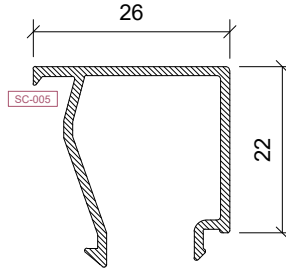
Kod	RC2216
Ağırlık	0.246 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



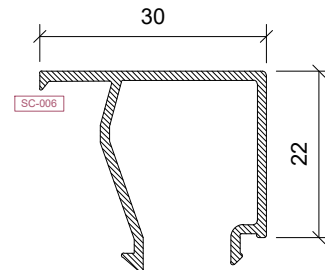
Kod	RC2220
Ağırlık	0.249 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



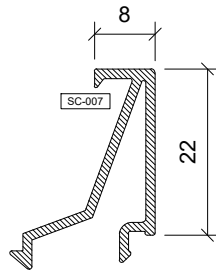
Kod	RC2222
Ağırlık	0.254 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



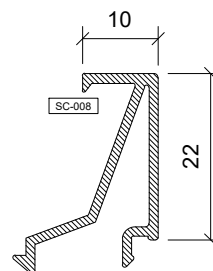
Kod	RC2226
Ağırlık	0.268 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



Kod	RC2230
Ağırlık	0.281 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

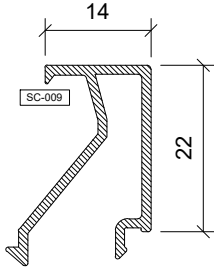


Kod	RC2208
Ağırlık	0.227 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

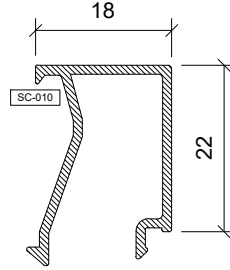


Kod	RC2210
Ağırlık	0.235 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

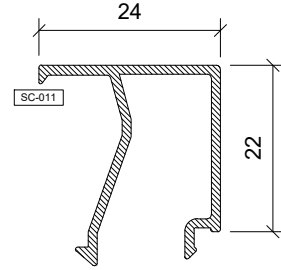




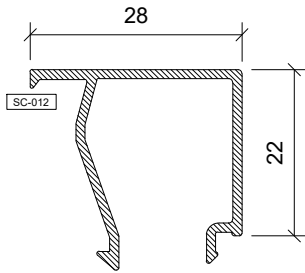
Kod	RC2214
Ağırlık	0.238 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



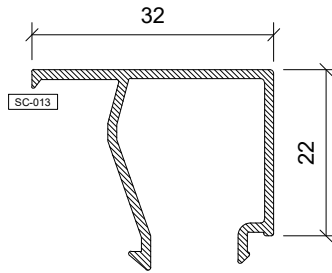
Kod	RC2218
Ağırlık	0.241 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



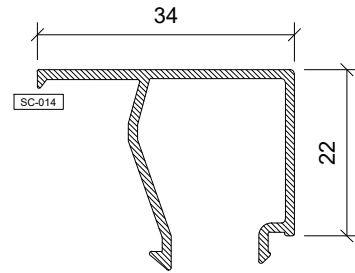
Kod	RC2224
Ağırlık	0.262 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



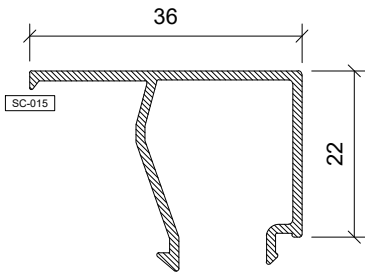
Kod	RC2228
Ağırlık	0.276 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



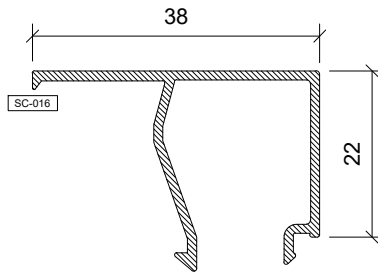
Kod	RC2232
Ağırlık	0.289 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



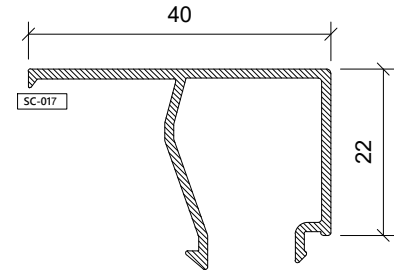
Kod	RC2234
Ağırlık	0.295 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



Kod	RC2236
Ağırlık	0.303 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



Kod	RC2238
Ağırlık	0.311 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



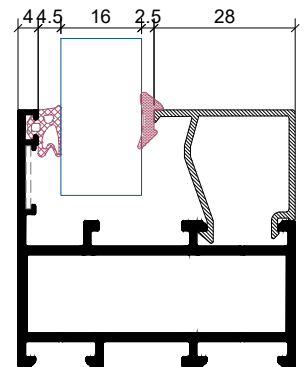
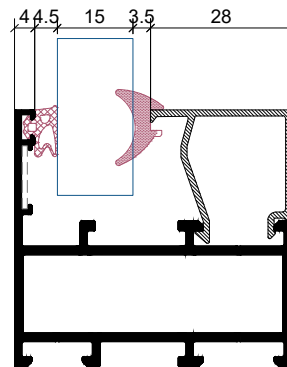
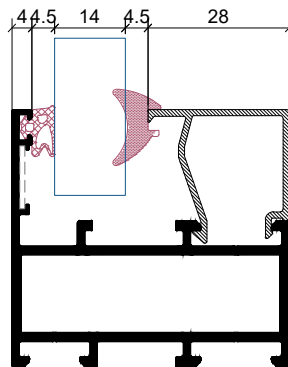
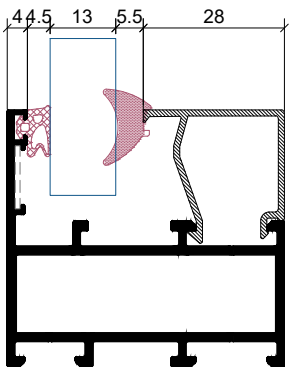
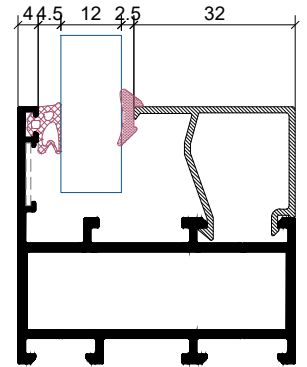
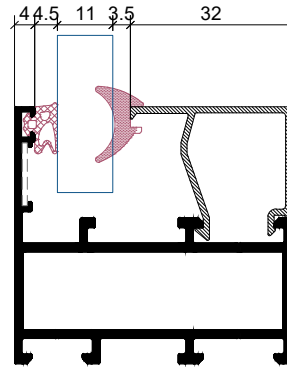
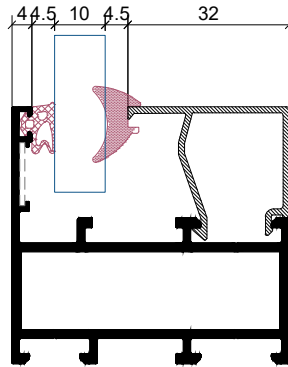
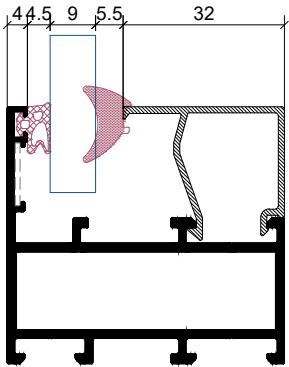
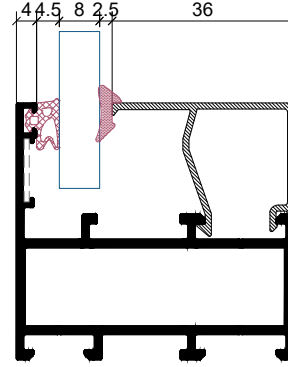
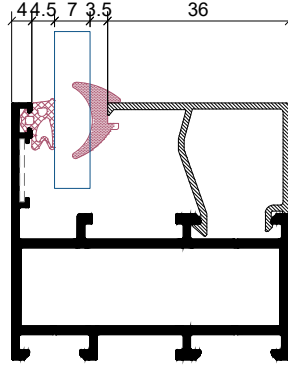
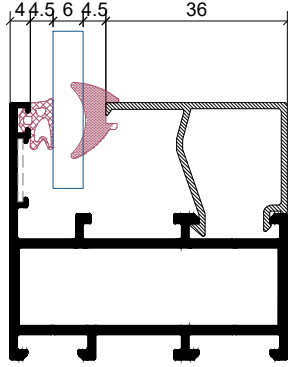
Kod	RC2240
Ağırlık	0.318 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

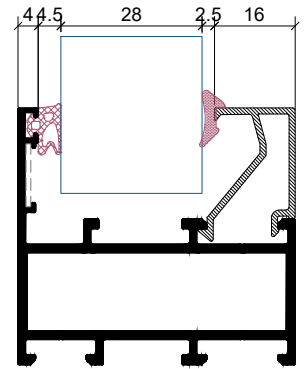
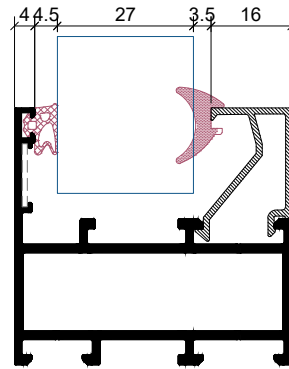
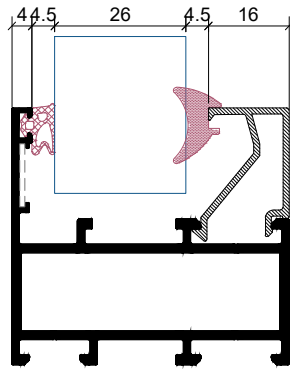
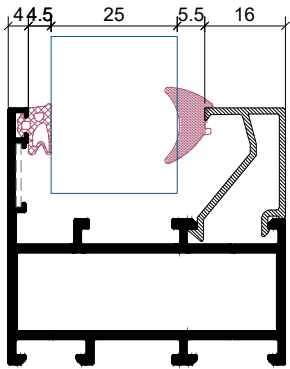
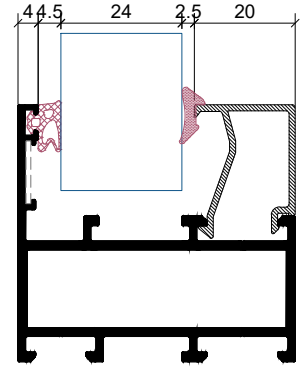
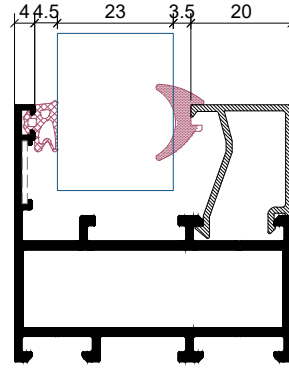
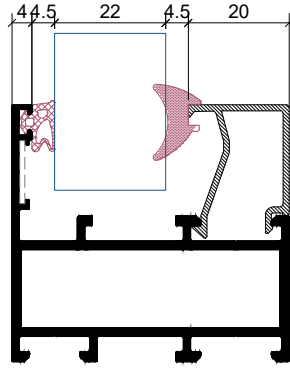
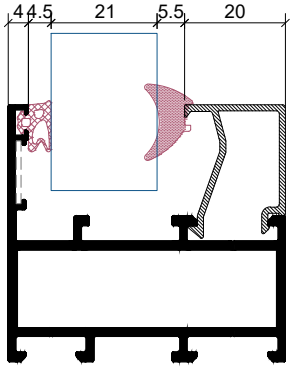
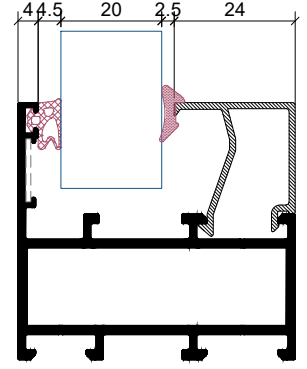
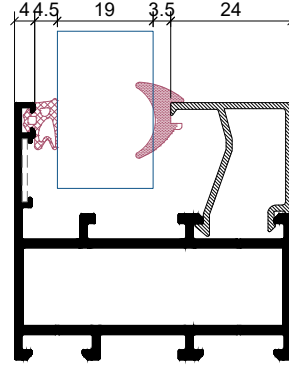
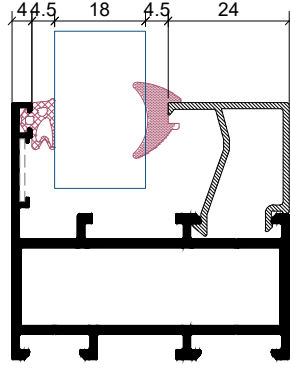
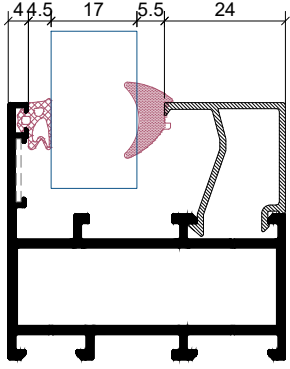


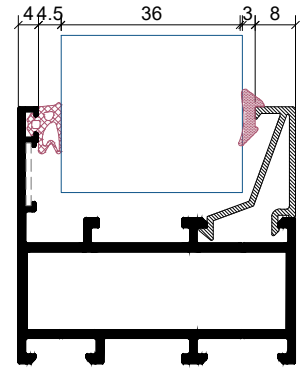
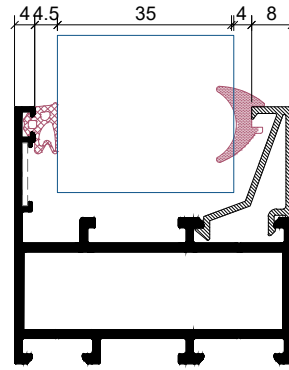
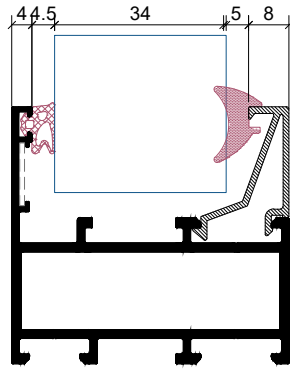
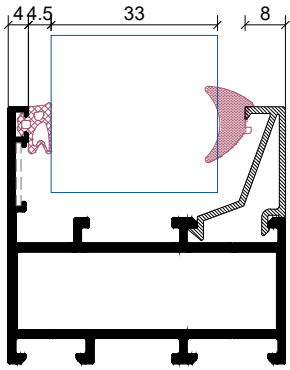
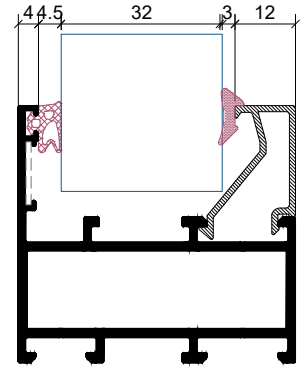
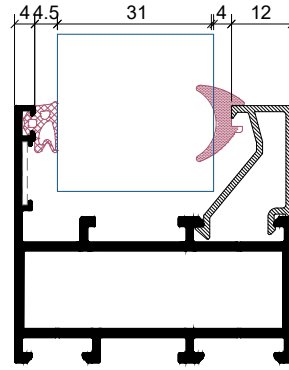
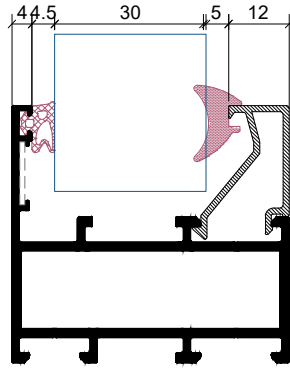
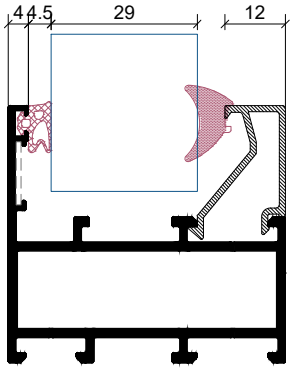


CAM KALINLIKLARINA GÖRE FİTİL SEÇME ŞEMASI

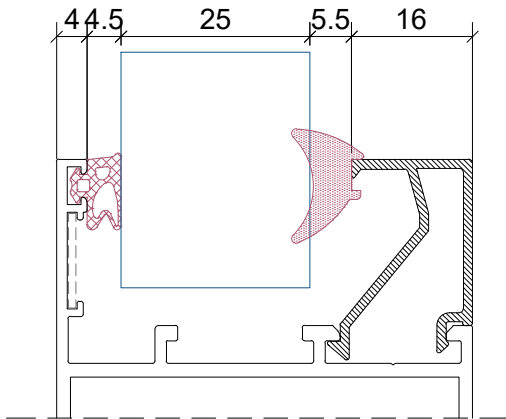
GASKET SELECTION DIAGRAM ACCORDING TO THE GLASS THICKNESSES







Ölçek : 2/3



Ölçek : 1/1

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

DIŞ FİTİLLER STANDART EBATTA OLUP 4mm KALINLIĞINDADIR. İÇTEKİ KAMA FİTİLİN BOŞLUĞU İSE, MİNİMUM 3mm MAKSİMUM 7mm OLACAK ŞEKİLDE AYARLANMALIDIR. THE OUTER GASKET'S DIMENSION ARE STANDARD WITH 4mm THICKNESS. THE INNER GASKET'S SPACE SHOULD BE ADJUSTED BETWEEN 3 - 7mm.

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.



Almin®
Alüminyum Profil

TESCİLLİ MARKASIDIR.

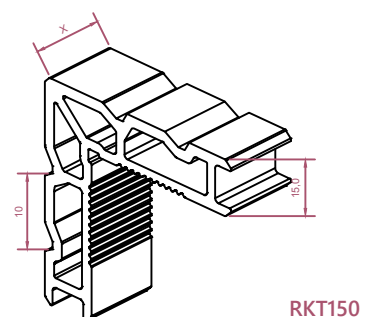
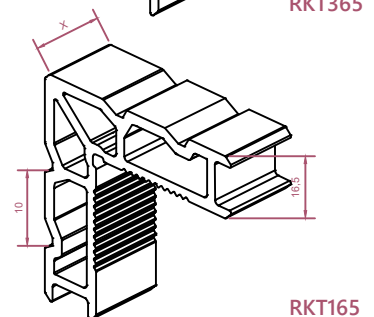
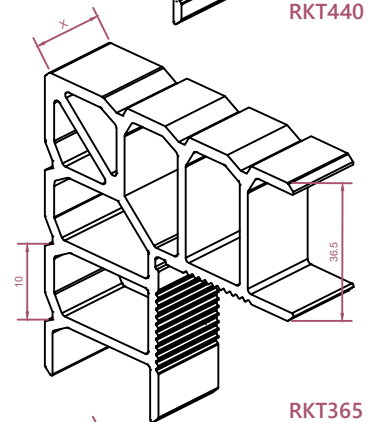
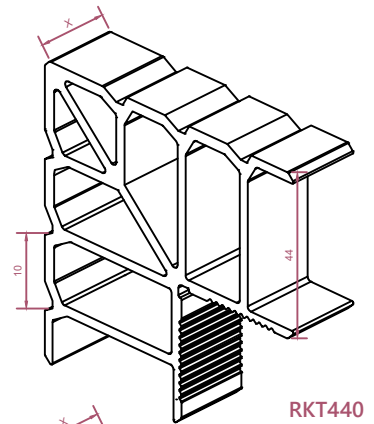
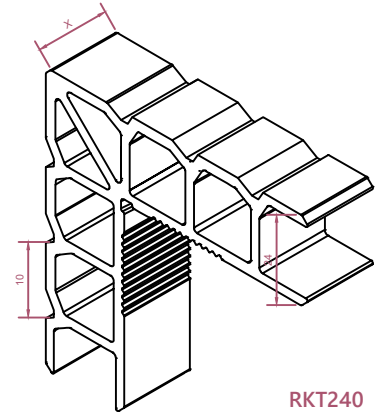
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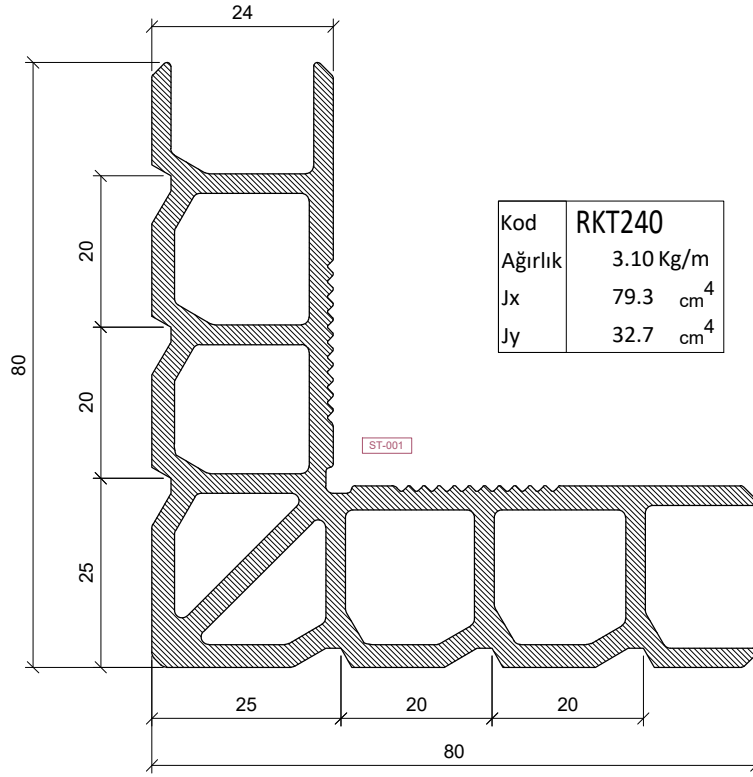
KÖŞE TAKOZU SEÇİM TABLOSU/ CORNER BLOCK SELECTION TABLE

Köşe Takoz No	Köşe Takoz Kodu	Kalıp Kodu	Kullanıldığı Profil Kodu	Parça Kodu	Kesim Ölçüsü
	RKT240	ST-001	AR-5503	240KT510	51,0 mm
			AR-5504	240KT510	51,0 mm
			AR-5507	240KT510	51,0 mm
			AR-5509	240KT449	44,9 mm
			AR-5515	240KT132	13,2 mm
			AR-5521	240KT510	51,0 mm
			AR-5523	240KT510	51,0 mm
			AR-5524	240KT510	51,0 mm
			AR-5529	240KT535	53,5 mm
	RKT440	ST-002	AR-5506	440KT510	51,0 mm
			AR-5511	440KT449	44,9 mm
			AR-5513	440KT449	44,9 mm
			AR-5517	440KT132	13,2 mm
	RKT365	ST-005	AR-5517	365KT293	29,3 mm
	RKT165	ST-003	AR-5515	165KT293	29,3 mm
	RKT150	ST-004	AR-5501	150KT510	51,0 mm
			AR-5502	150KT510	51,0 mm
			AR-5508	150KT449	44,9 mm
			AR-5519	150KT510	51,0 mm
			AR-5520	150KT277	27,7 mm

AR-55 serisi doğrama sistemlerinde kullanılan köşe takozları ve bu takozlarla uyumlu cam çıkası profilleri yer almaktadır. Her takoz tipi için kullanılan profil kodları, parça kodları ve kesim ölçüleri tablo halinde sunulmuştur. Sağdaki teknik çizimler, takozların yapısını ve ölçülerini görsel olarak desteklemektedir.

This page presents the corner blocks used in AR-55 series door and window systems, along with the compatible glazing bead profiles. For each corner block type, the associated profile codes, part codes, and cutting dimensions are provided in the table. The technical drawings on the right visually support the structure and dimensions of each block.

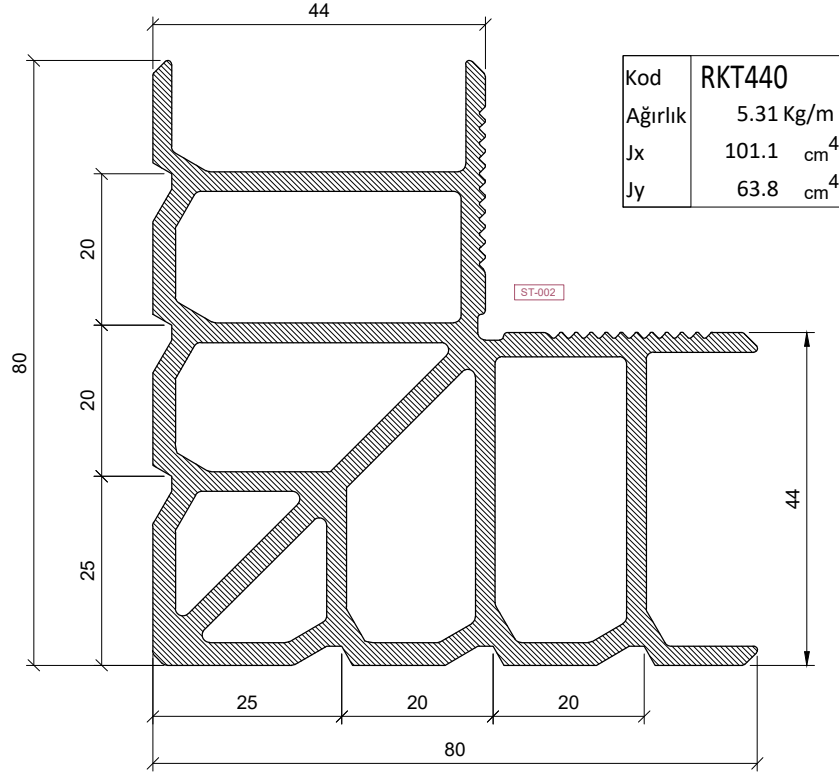




RKT240

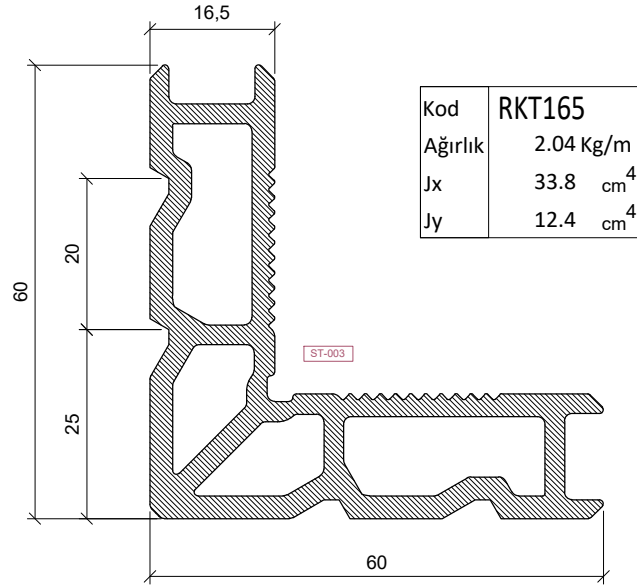
KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ	KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
AR-5503	240KT510	51,0 mm	AR-5521	240KT510	51,0 mm
AR-5504	240KT510	51,0 mm	AR-5523	240KT510	51,0 mm
AR-5507	240KT510	51,0 mm	AR-5524	240KT510	51,0 mm
AR-5509	240KT449	44,9mm	AR-5529	240KT535	53,5 mm
AR-5515	240KT132	13,2mm			



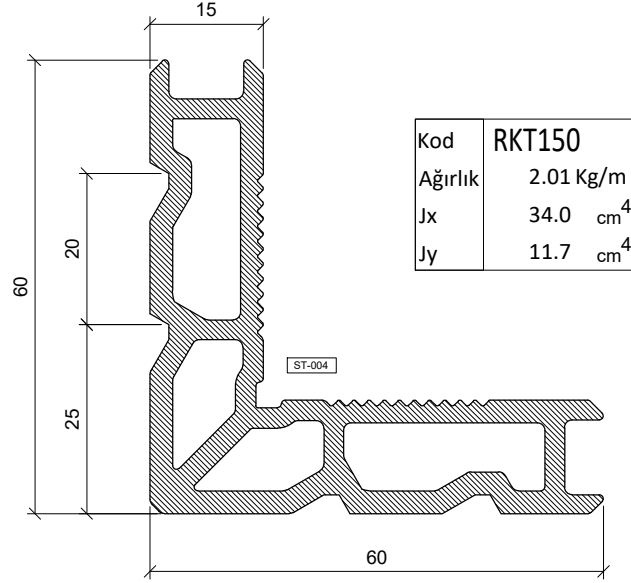


RKT440

KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ	KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
AR-5506	440KT510	51,0 mm	AR-5513	440KT449	44,9mm
AR-5511	440KT449	44,9mm	AR-5517	440KT132	13,2mm

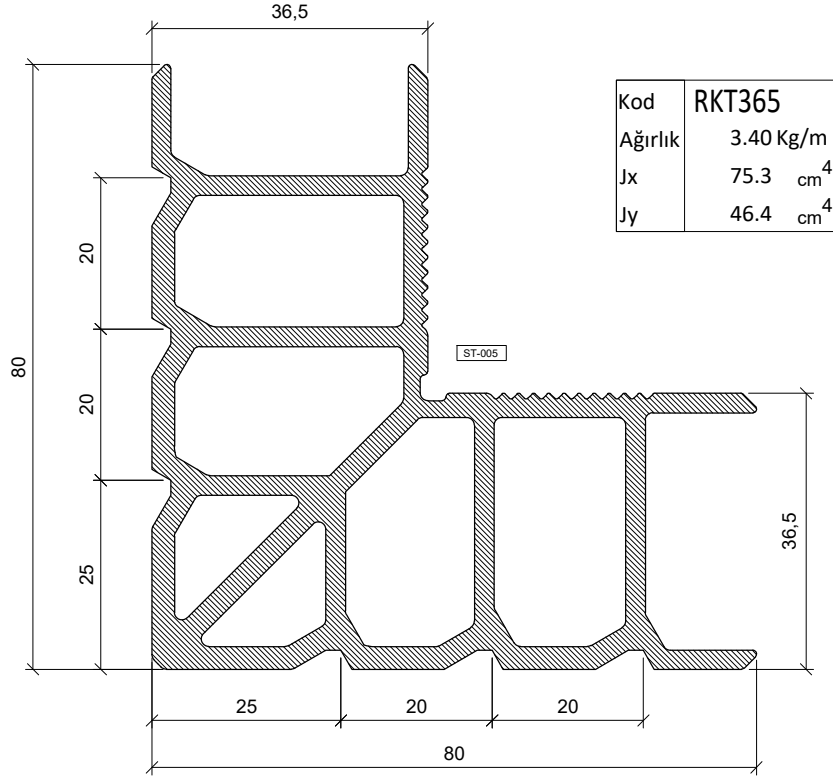


RKT165		
KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
AR-5515	165KT293	29,3 mm



RKT150

KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ	KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
AR-5501	150KT510	51,0 mm	AR-5519	150KT510	51,0 mm
AR-5502	150KT510	51,0 mm	AR-5520	150KT277	27,7 mm
AR-5508	150KT449	44,9mm			



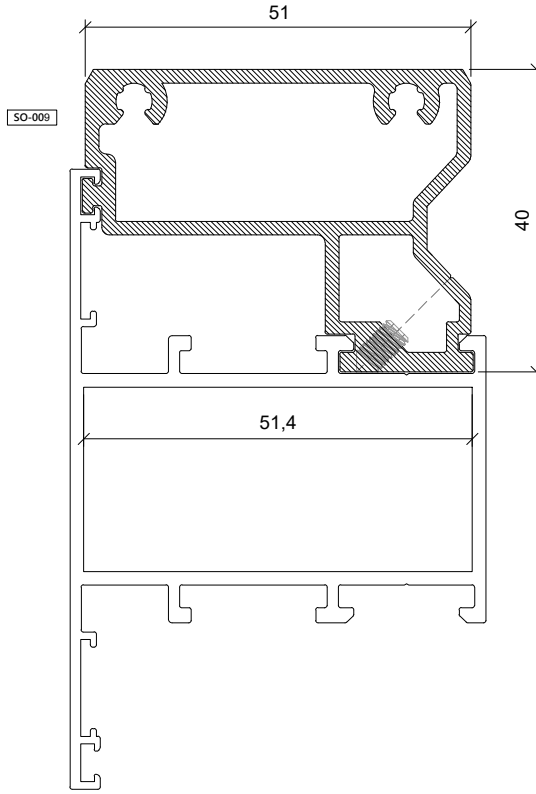
RKT365		
KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
AR-5517	365KT293	29,3 mm



ORTA KAYIT BAĞLANTI PROFİLLERİ/

MULLION JOINT PROFILES

Kod	RO-510
Ağırlık	1.15 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



PROFİL KODU	ORTA KAYIT PROFİLİ	PARÇA KODU	KESİM ÖLÇÜSÜ
RO130	AR-5519	510RO150	15,0 mm
	AR-5520	510RO240	24,0 mm
	AR-5521	510RO240	24,0 mm
	AR-5523	510RO240	24,0 mm
	AR-5524	510RO240	24,0 mm
	AR-5528	510RO440	44,0 mm
	AR-5529	510RO640	64,0 mm

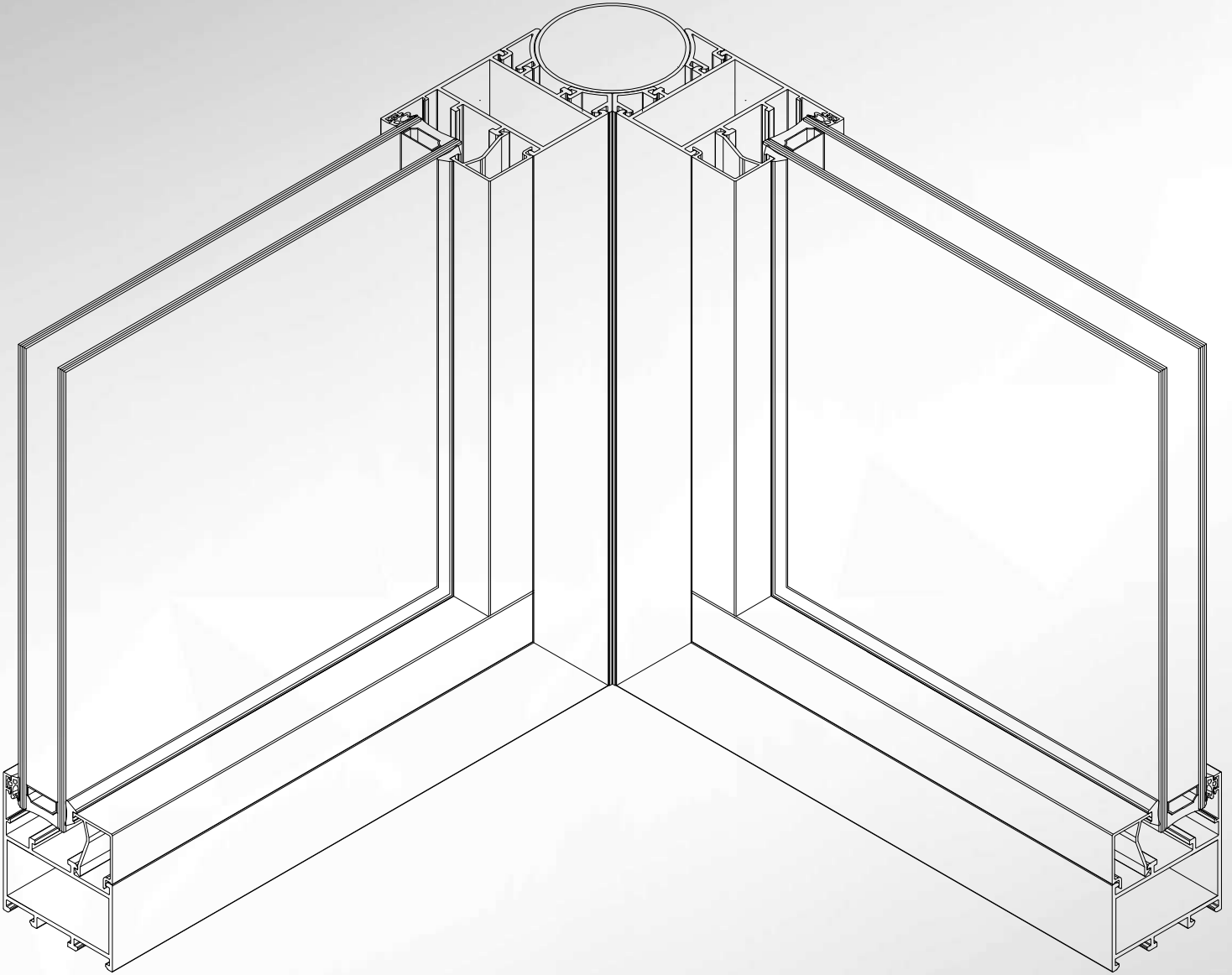




ROUTE
SYSTEMS

AR-55

DOOR & WINDOW SYSTEMS



İMALAT DETAYLARI/

MANUFACTURING DETAILS



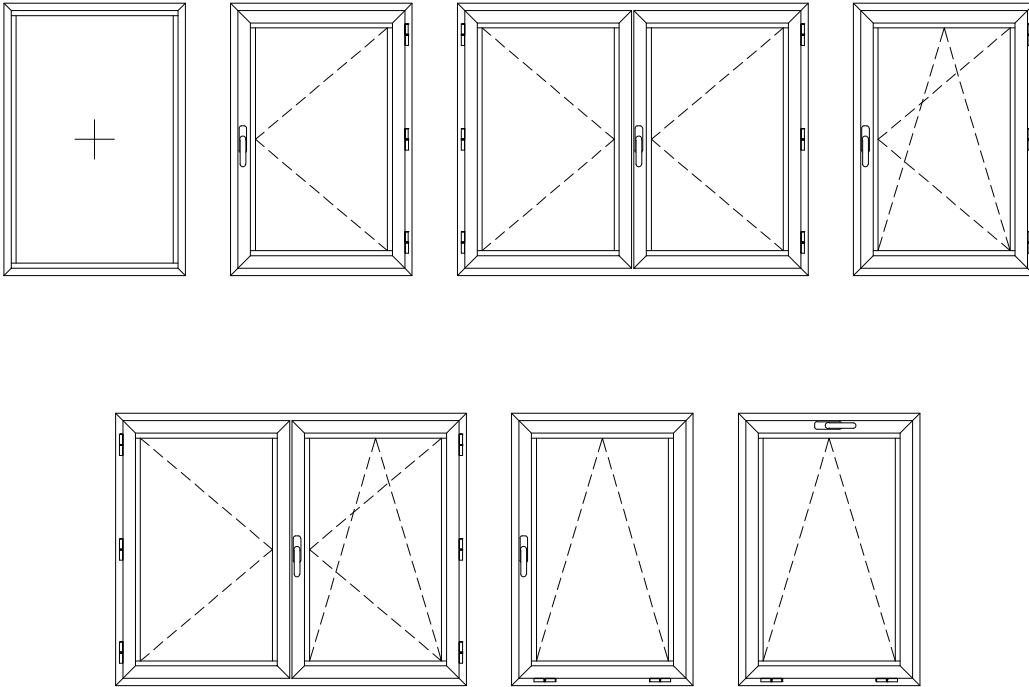
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PENCERE AÇILIM TİPLERİ/ WINDOW OPENING TYPES



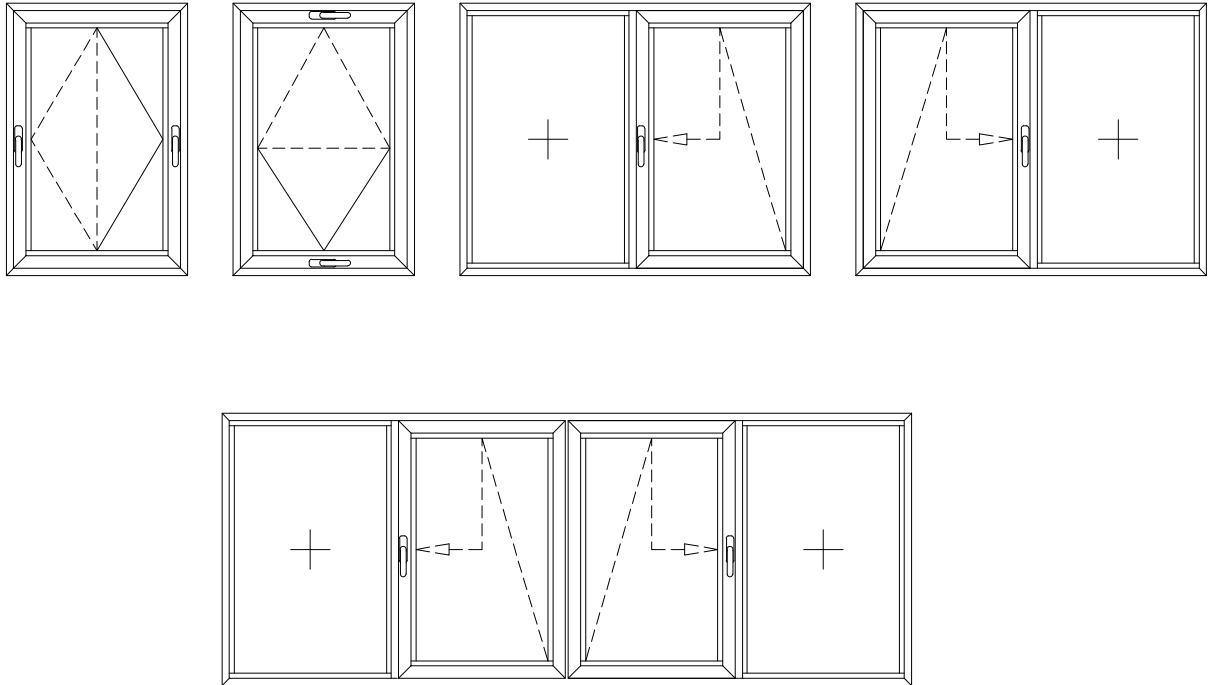
★ PENCERE KAPI PROFİLLERİ ■ AKSESUARLAR ● ORTAK PROFİLLER

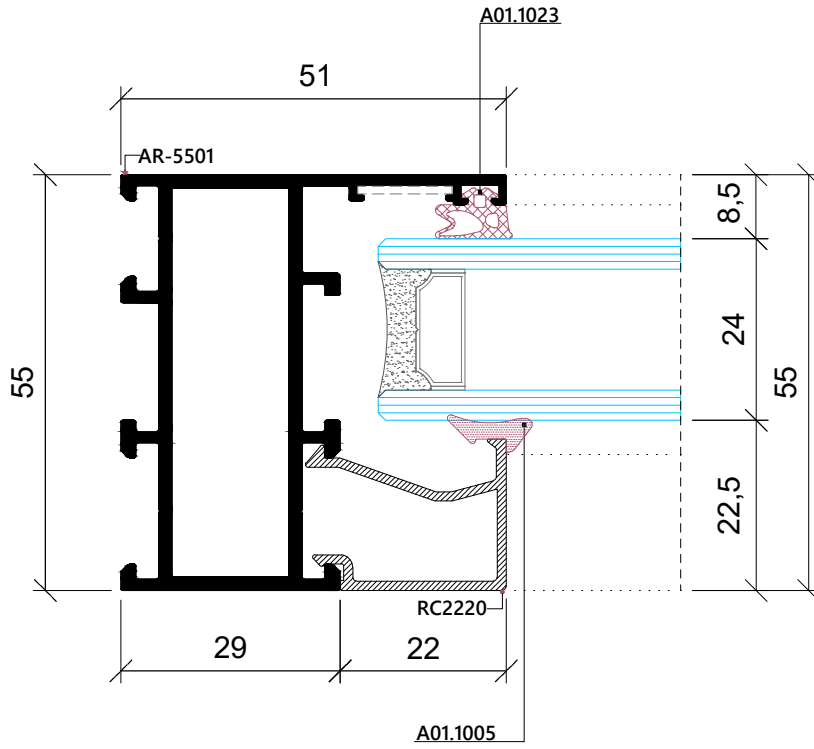
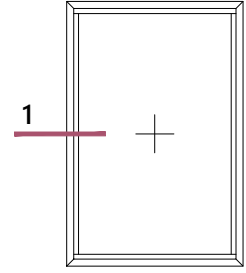


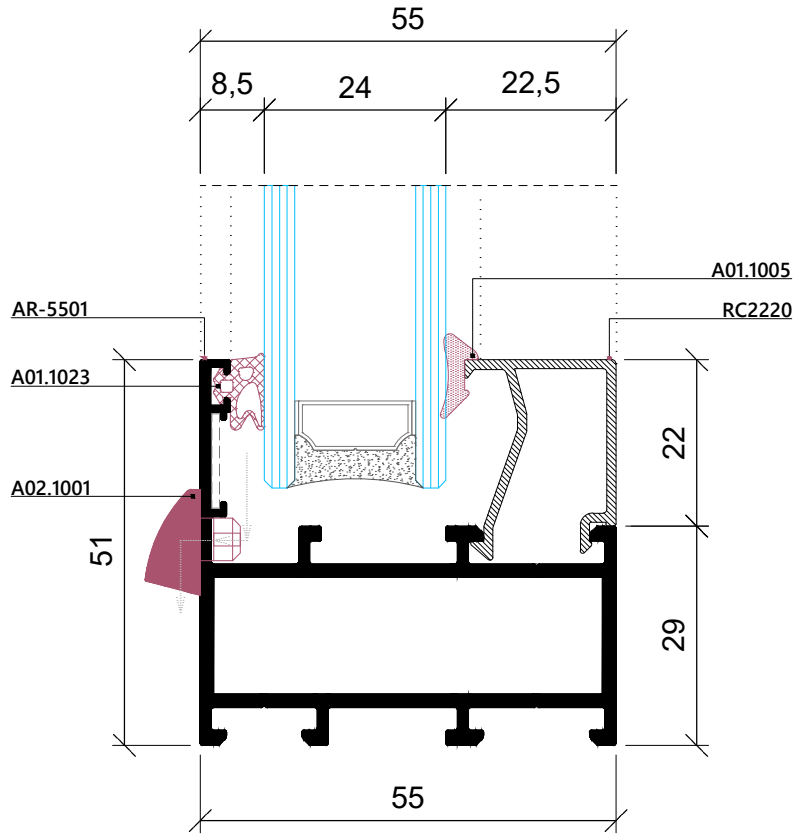
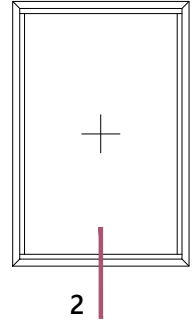
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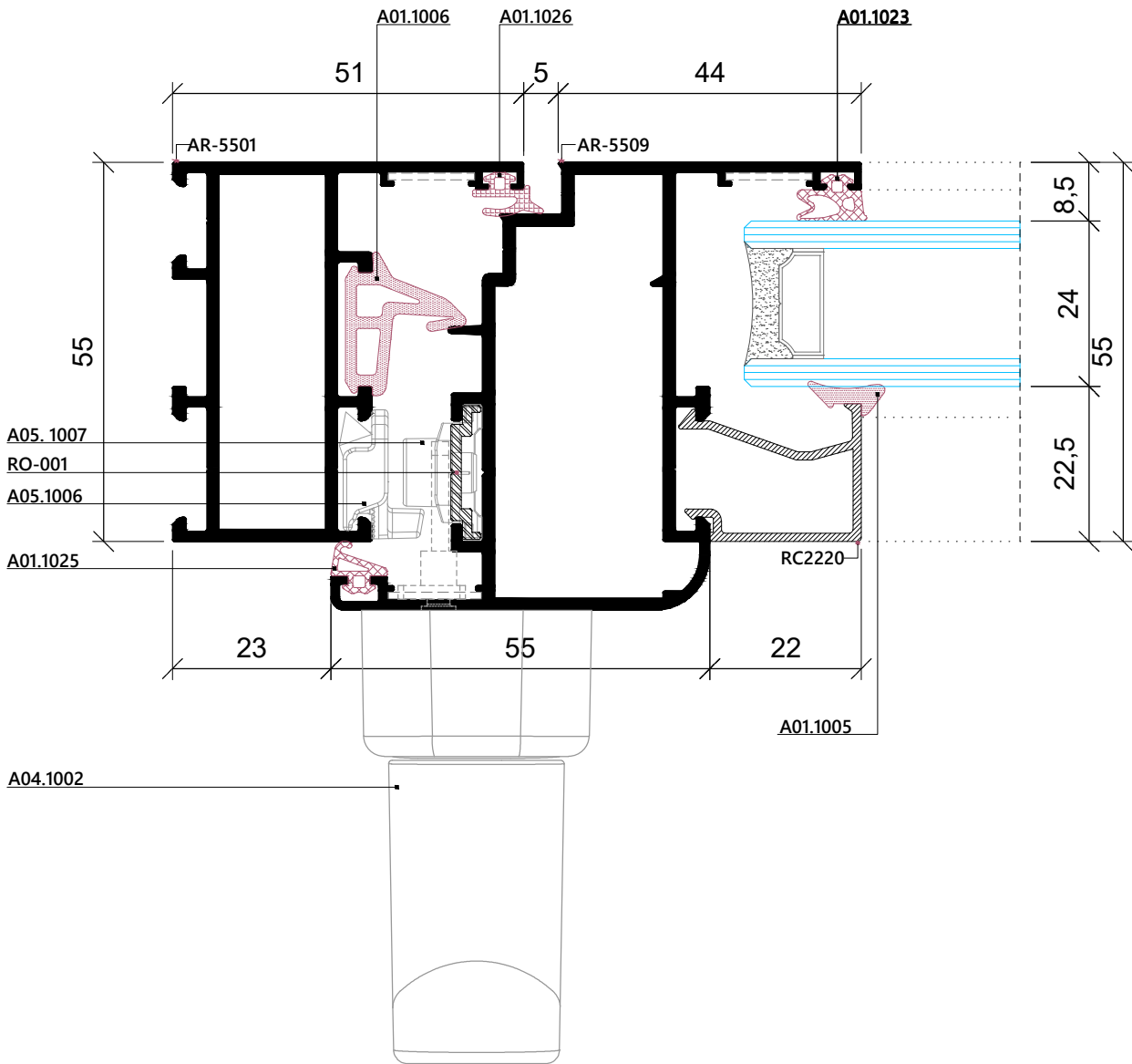
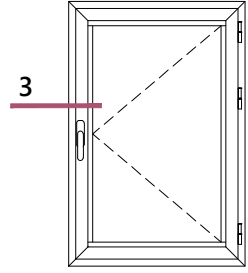
TESCİLLİ MARKASIDIR.

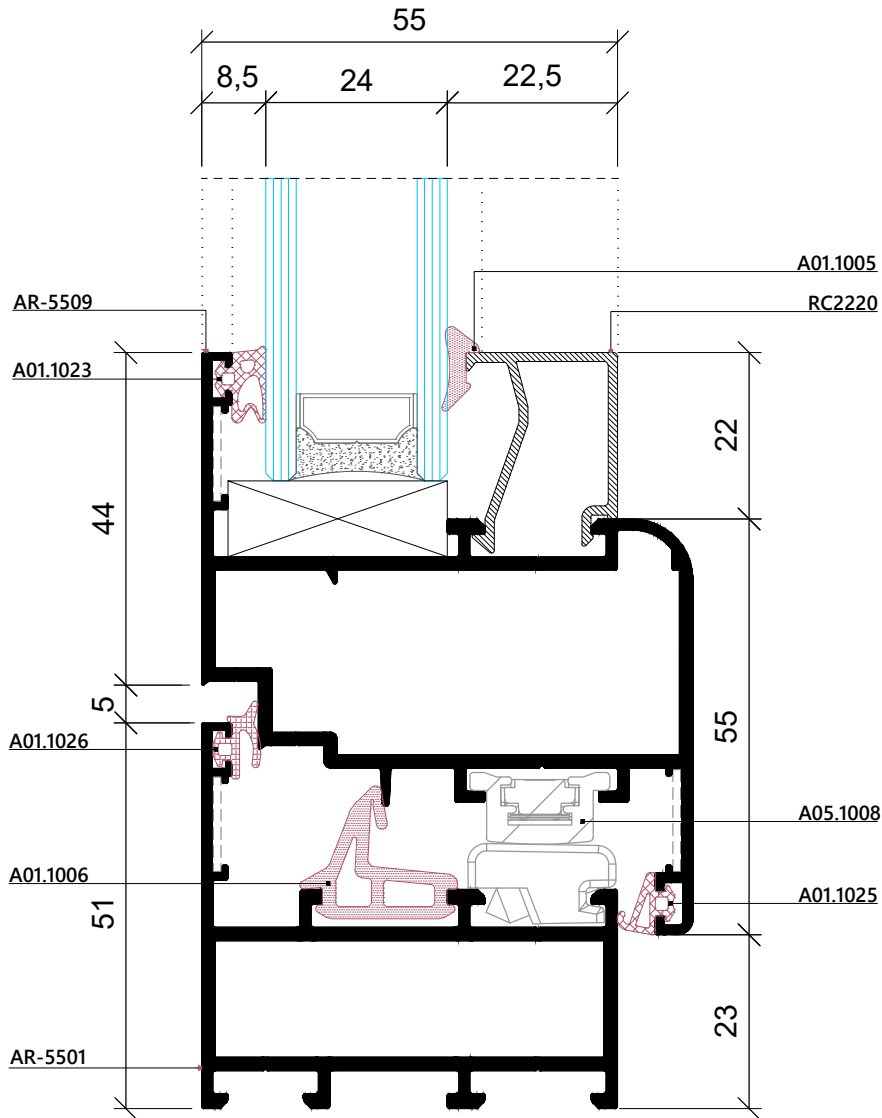
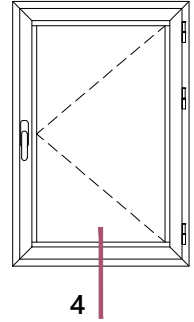
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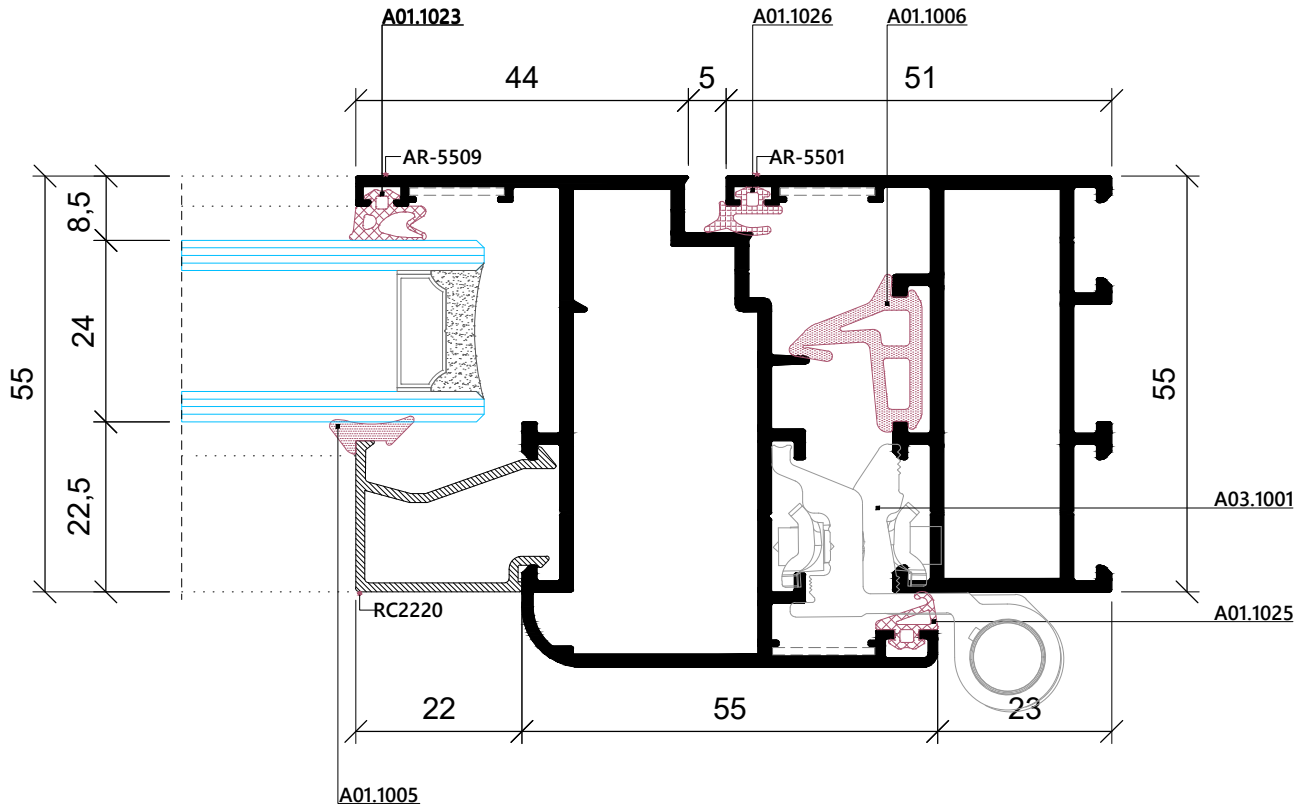
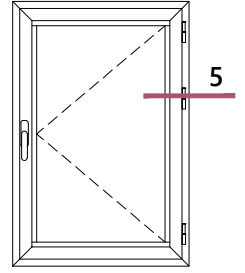


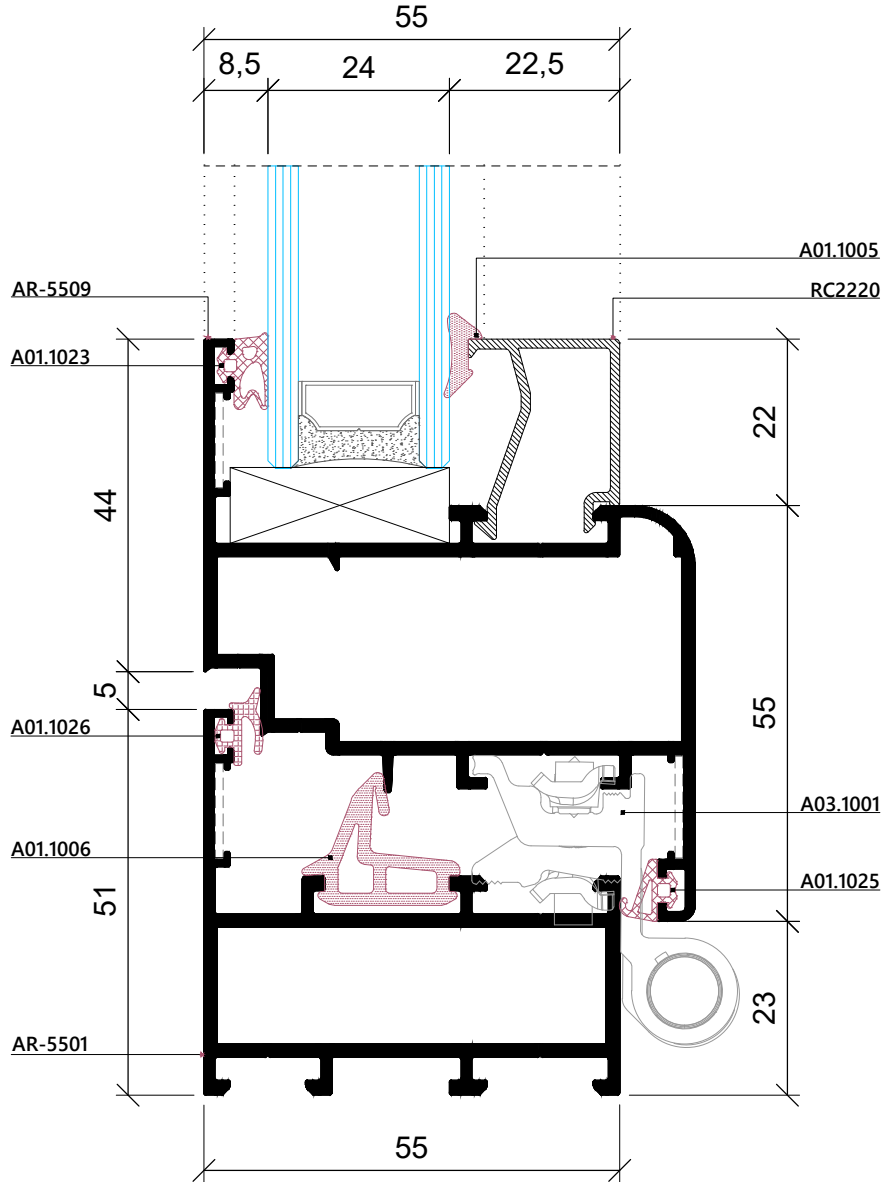
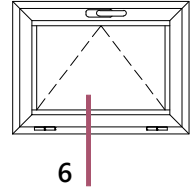


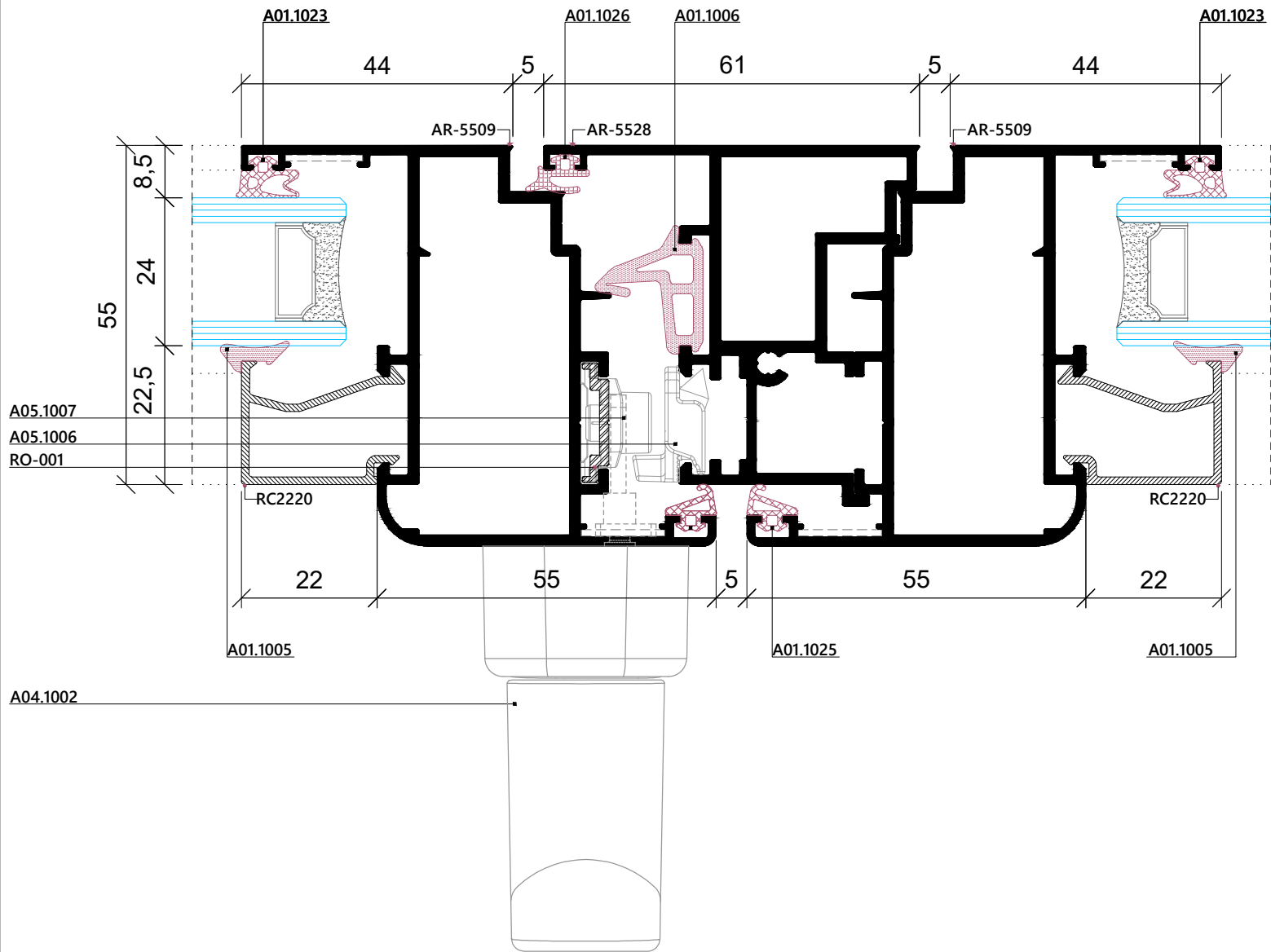
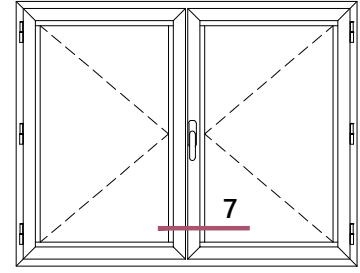


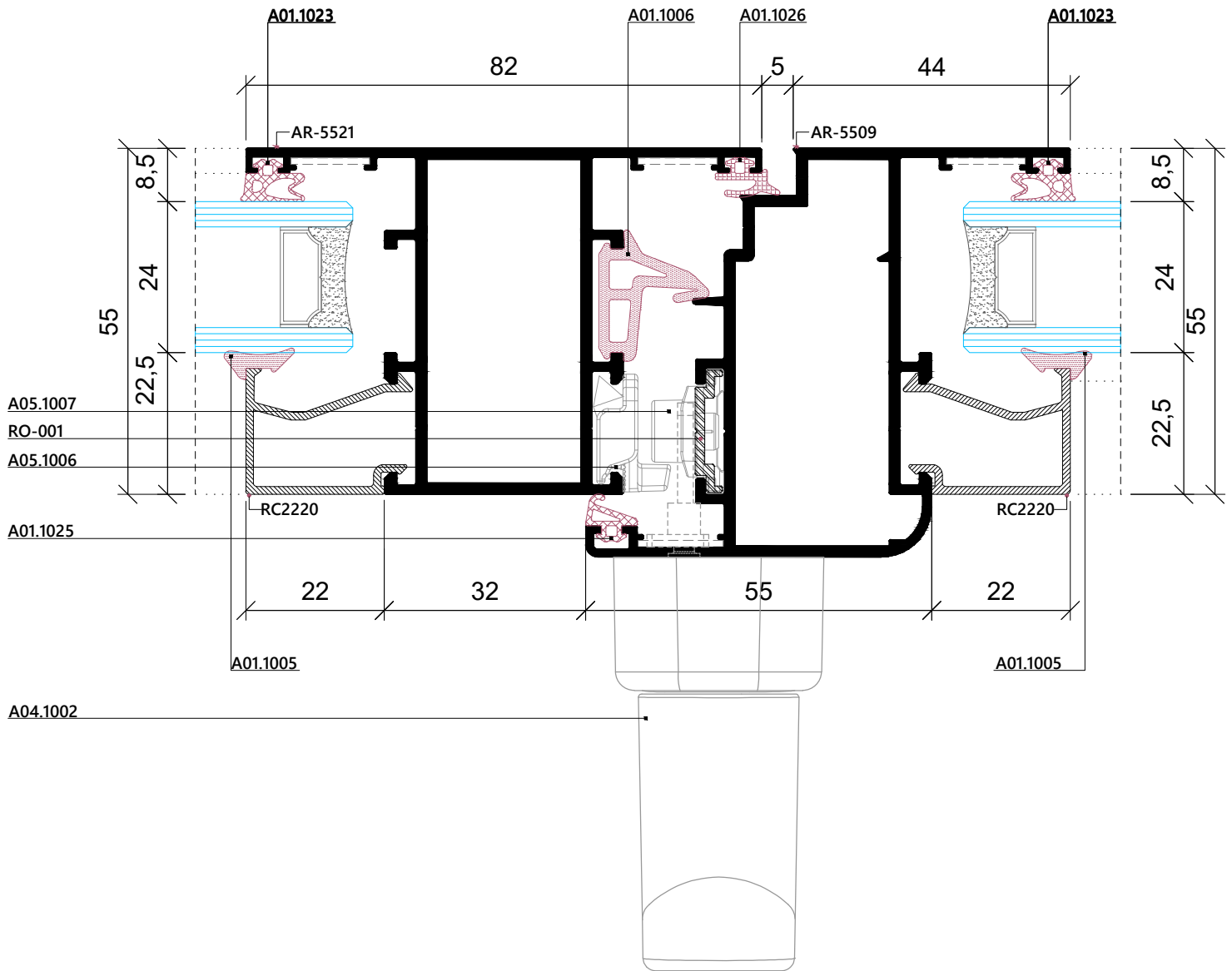
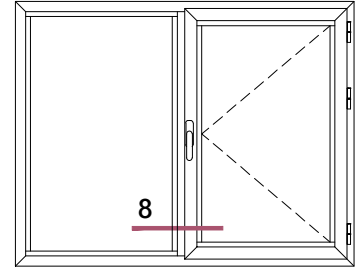






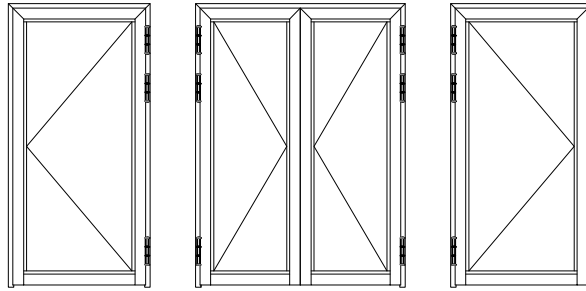


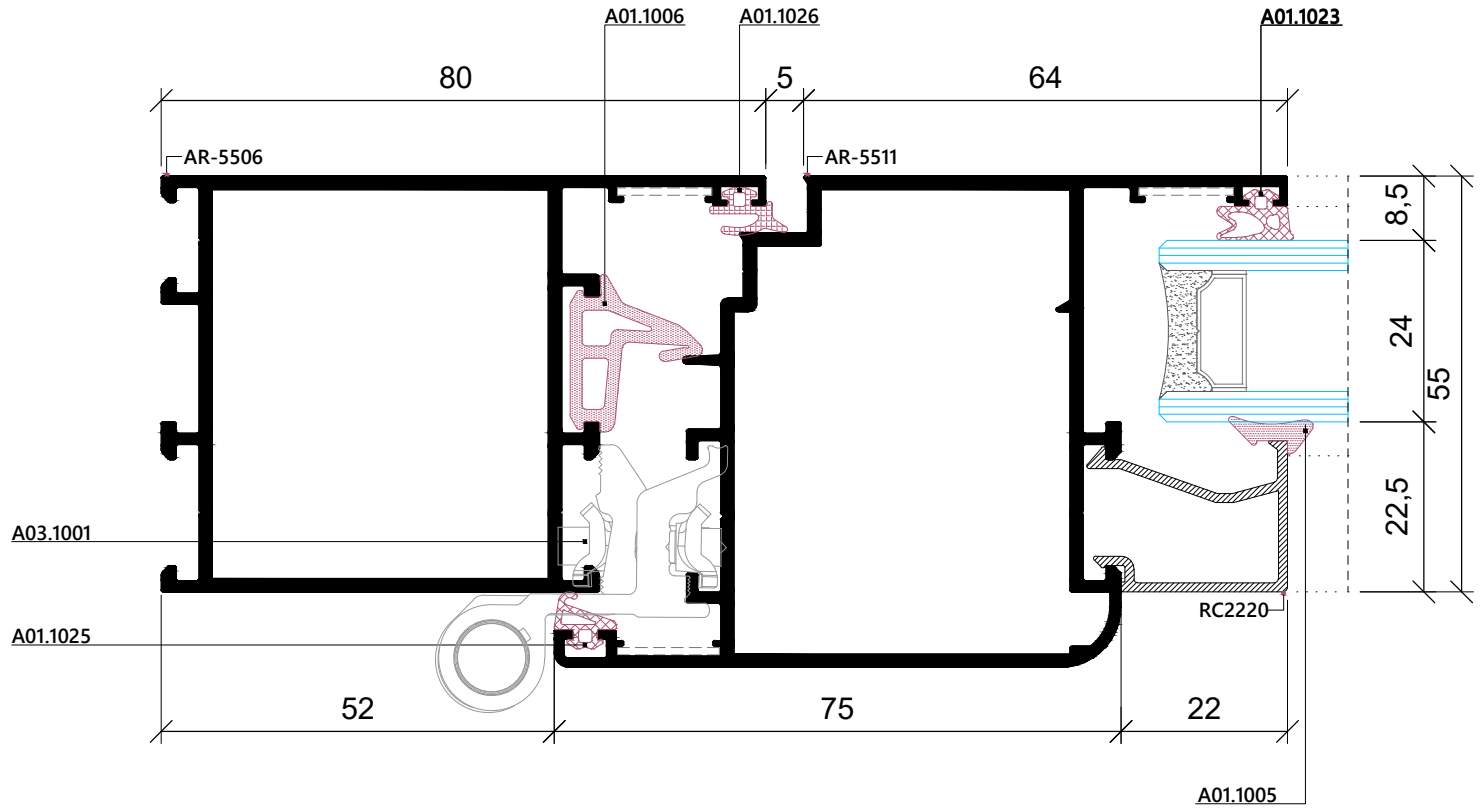
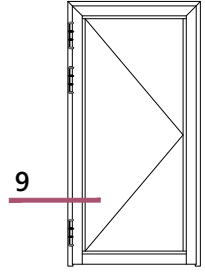


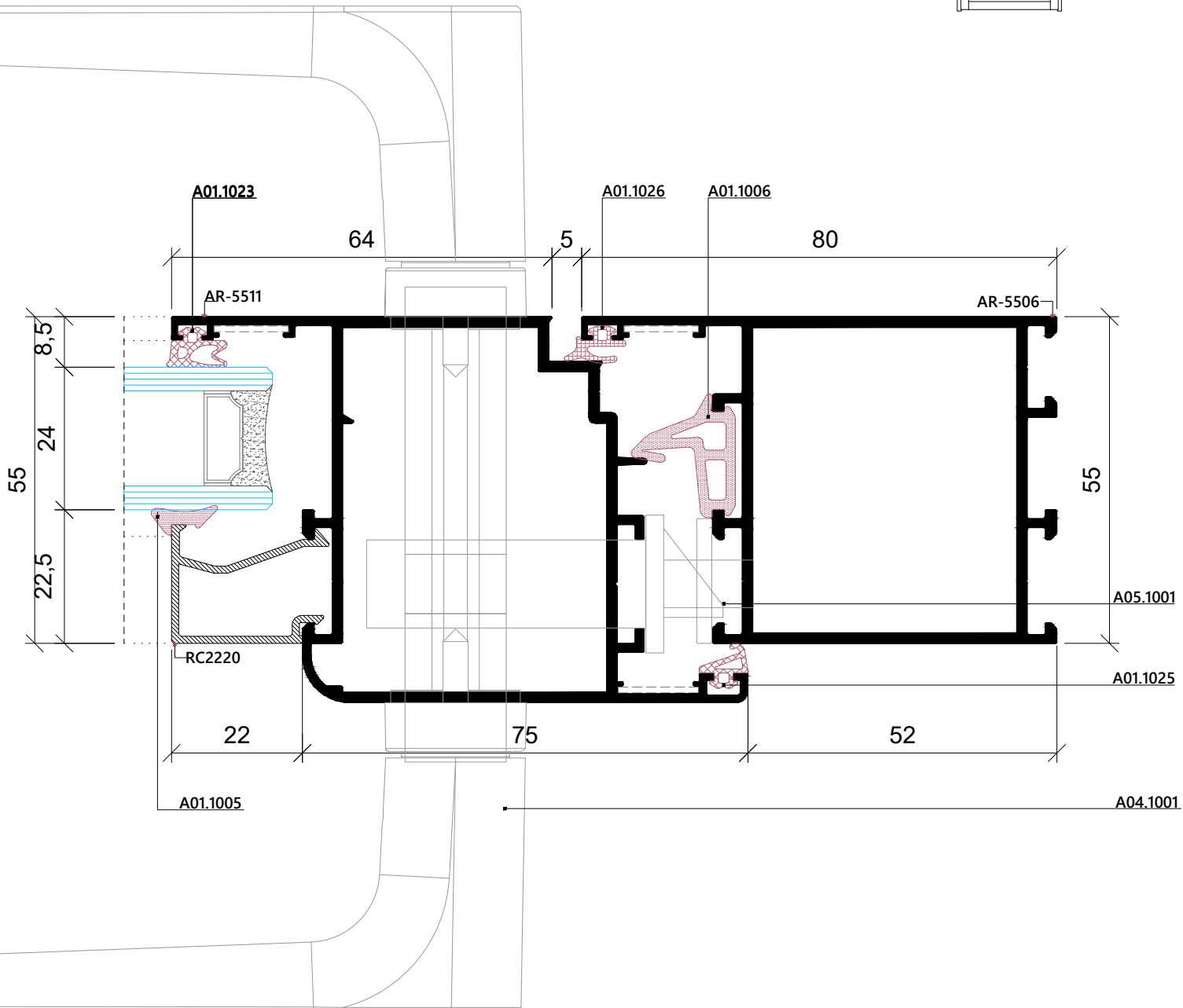
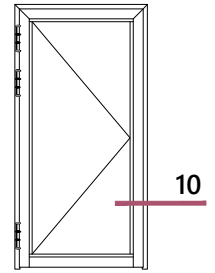


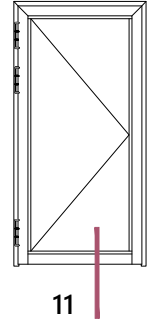
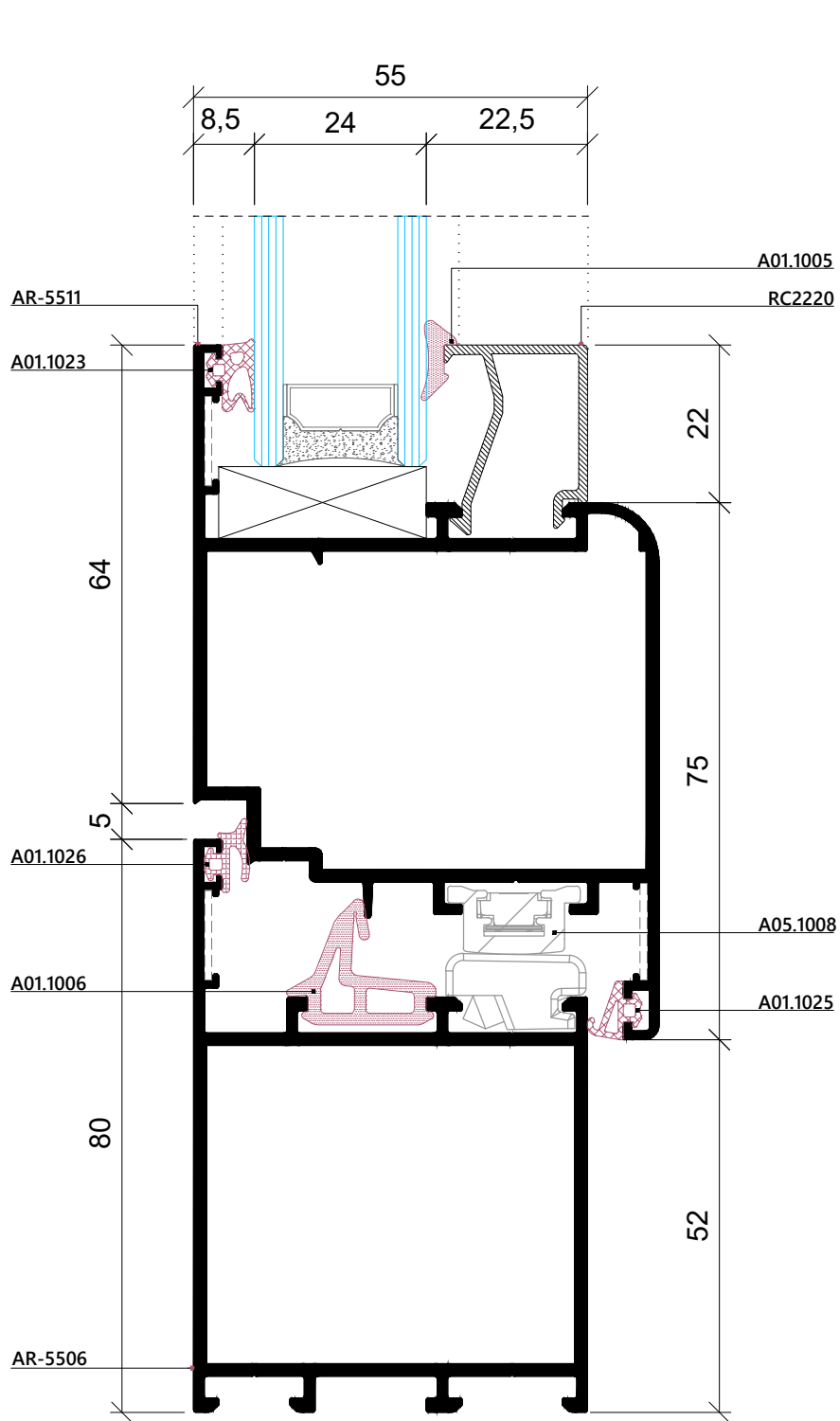


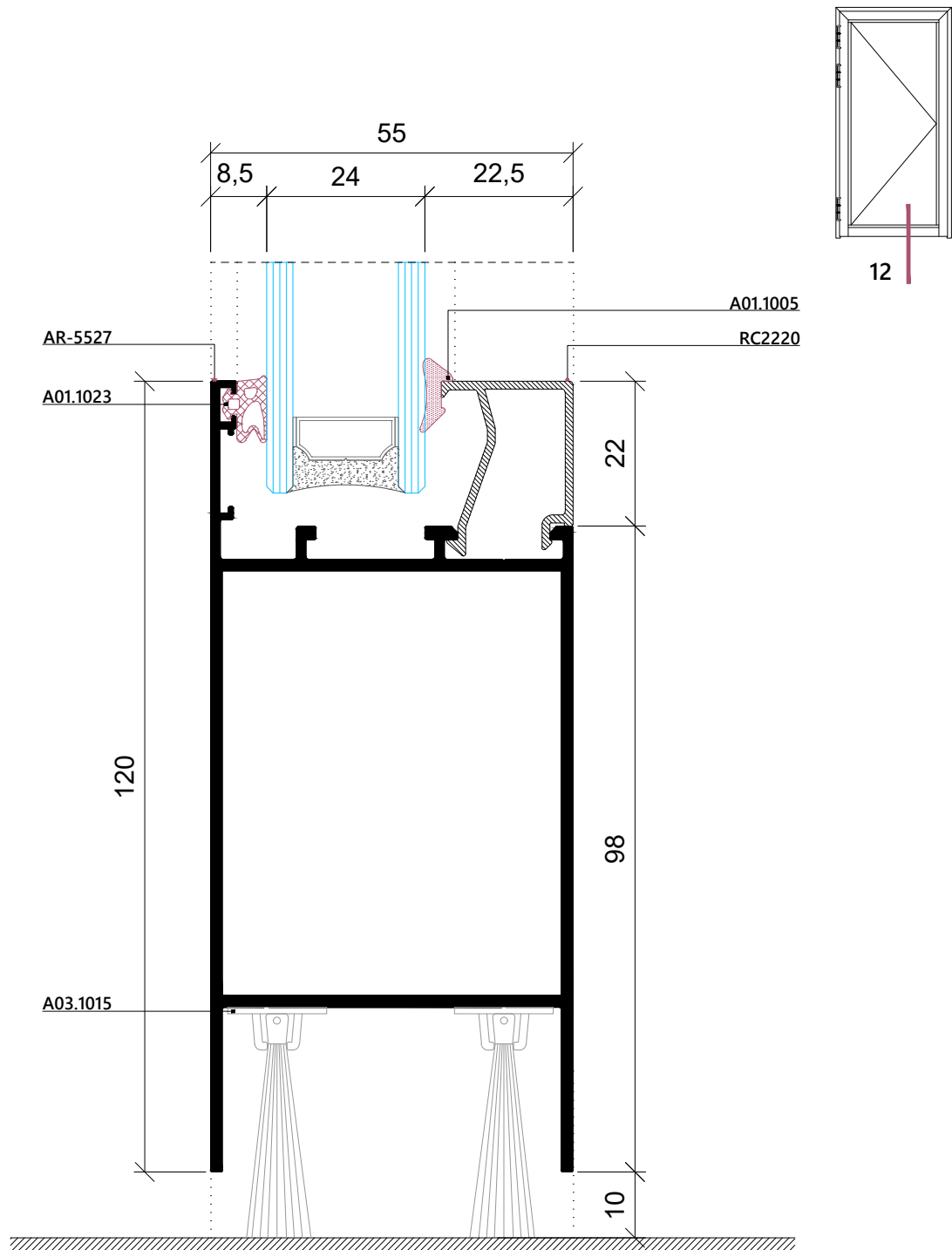
KAPI AÇILIM TİPLERİ/
DOOR OPENING TYPES

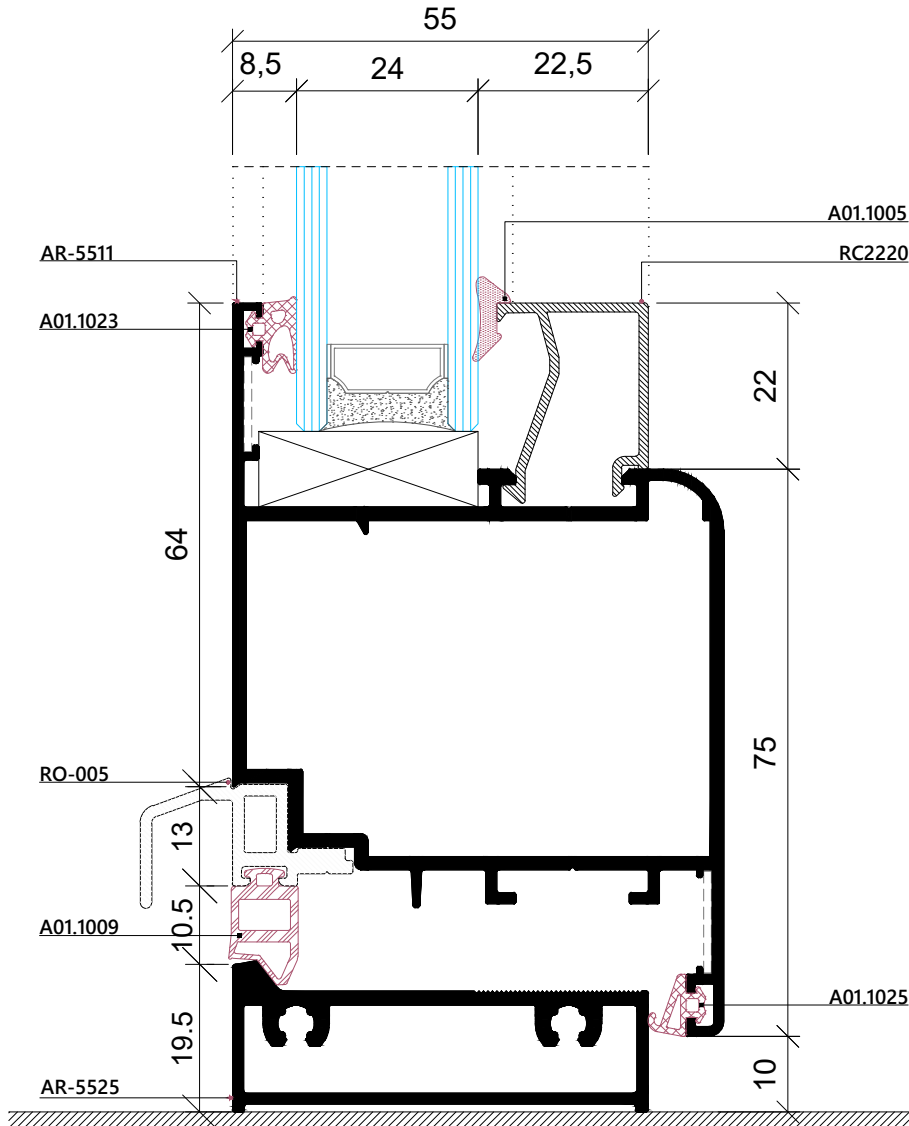
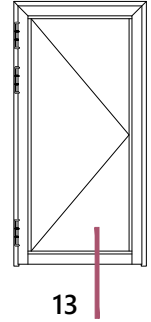


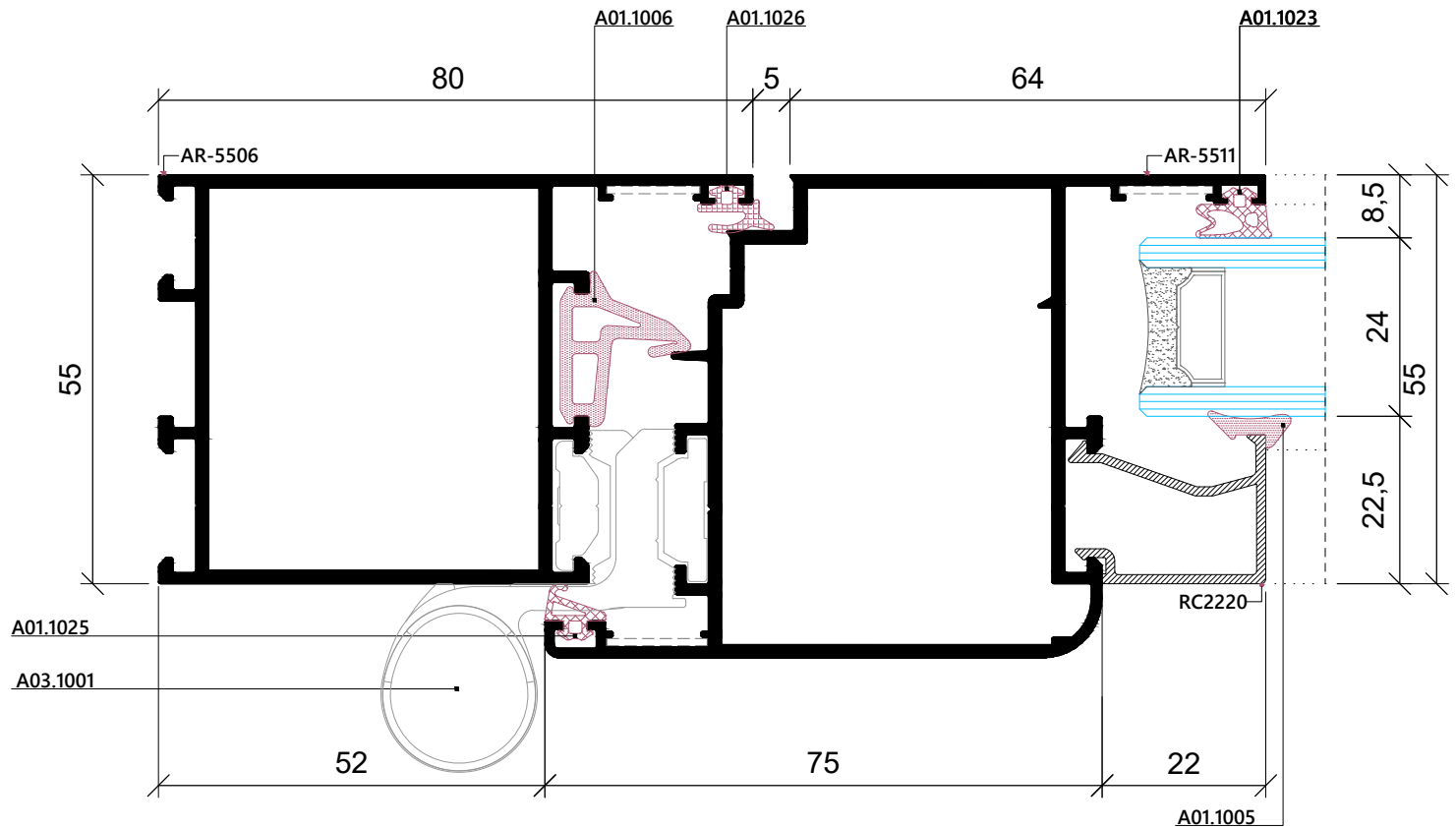
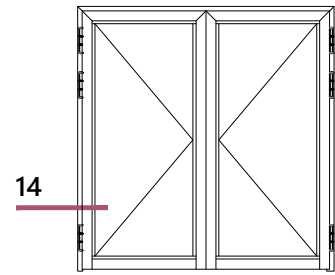


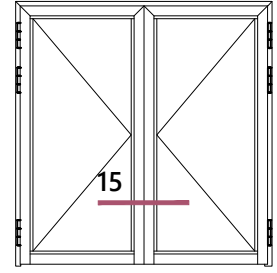
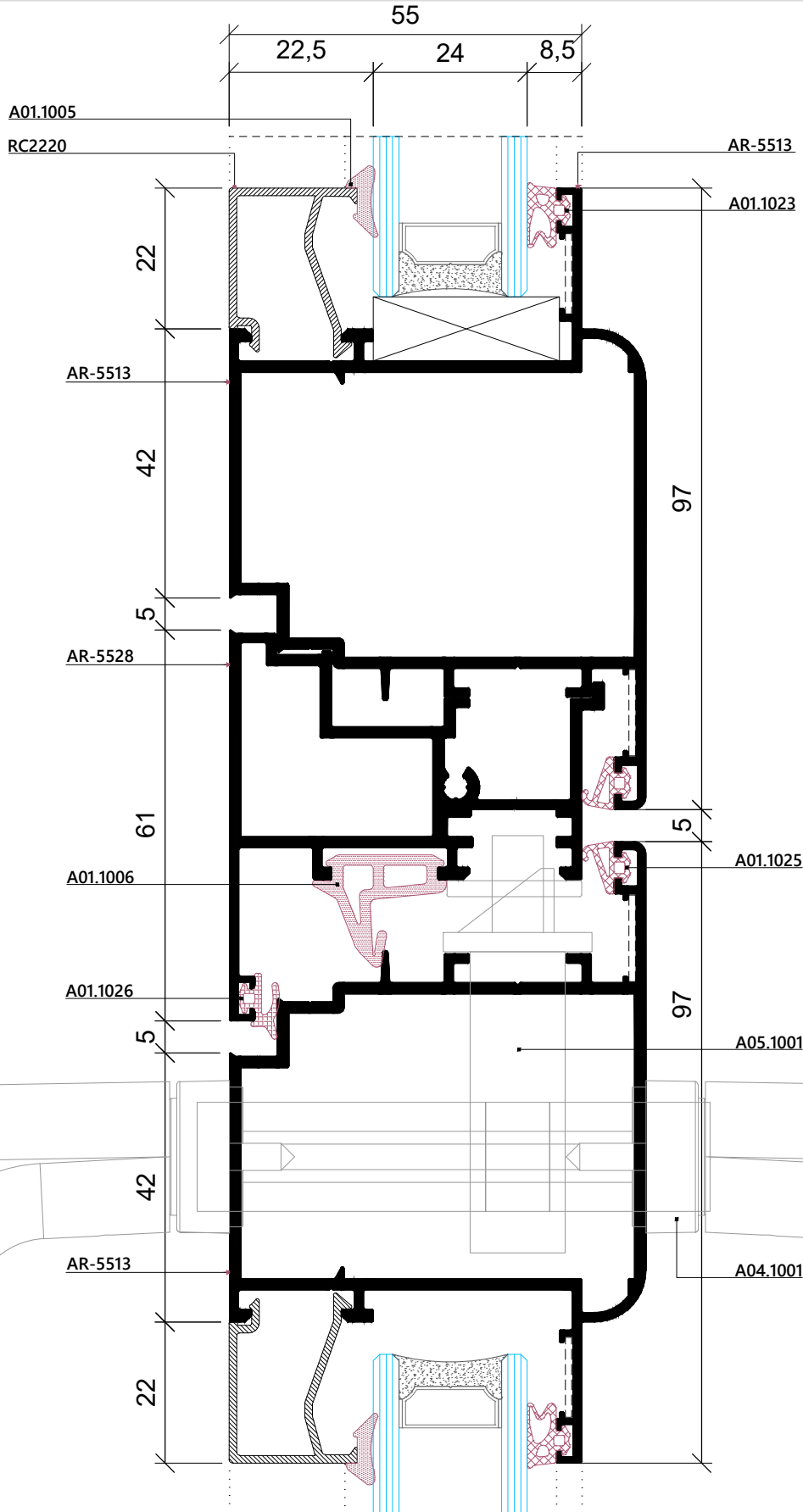


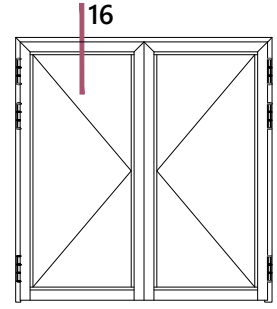
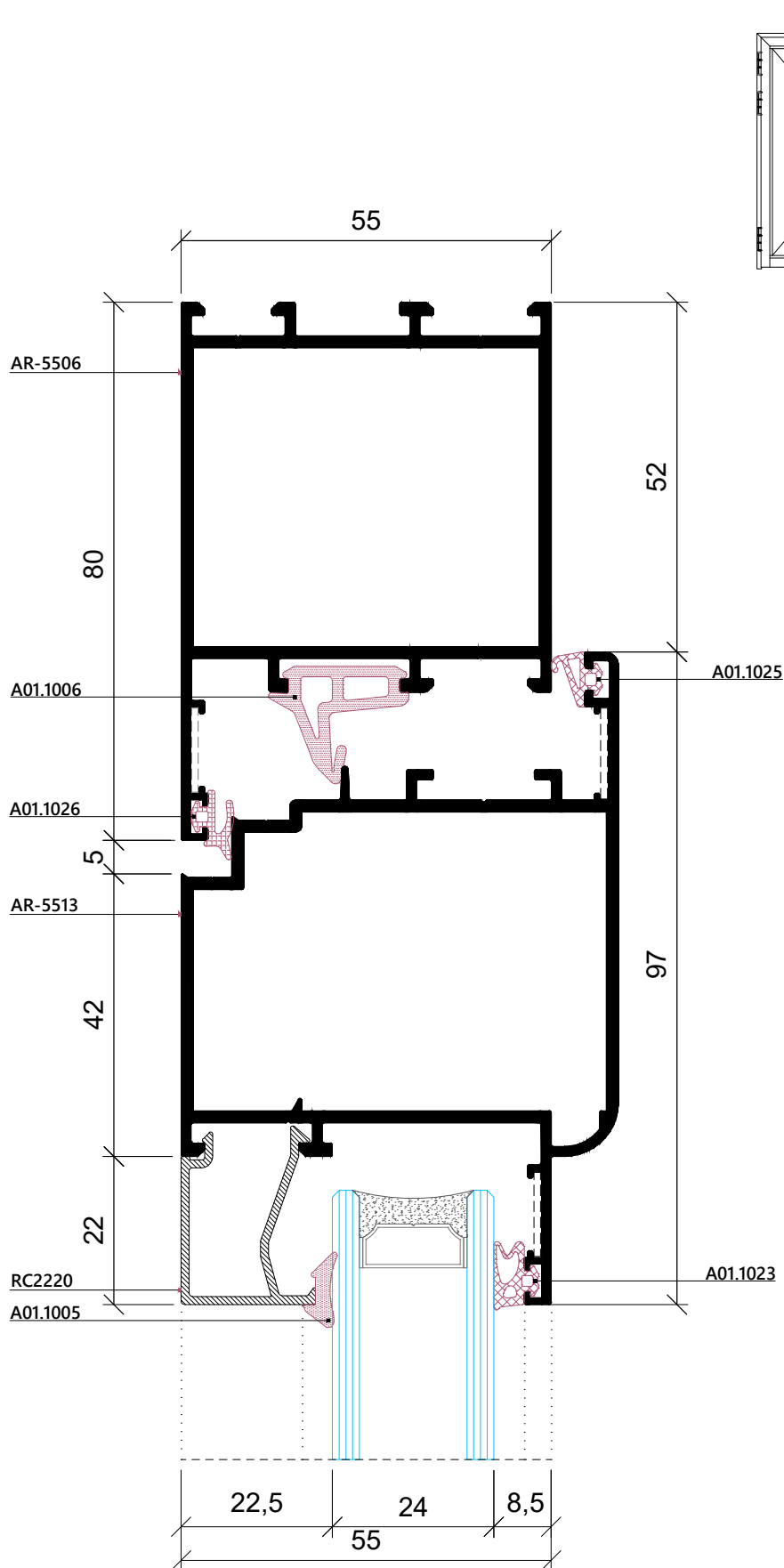


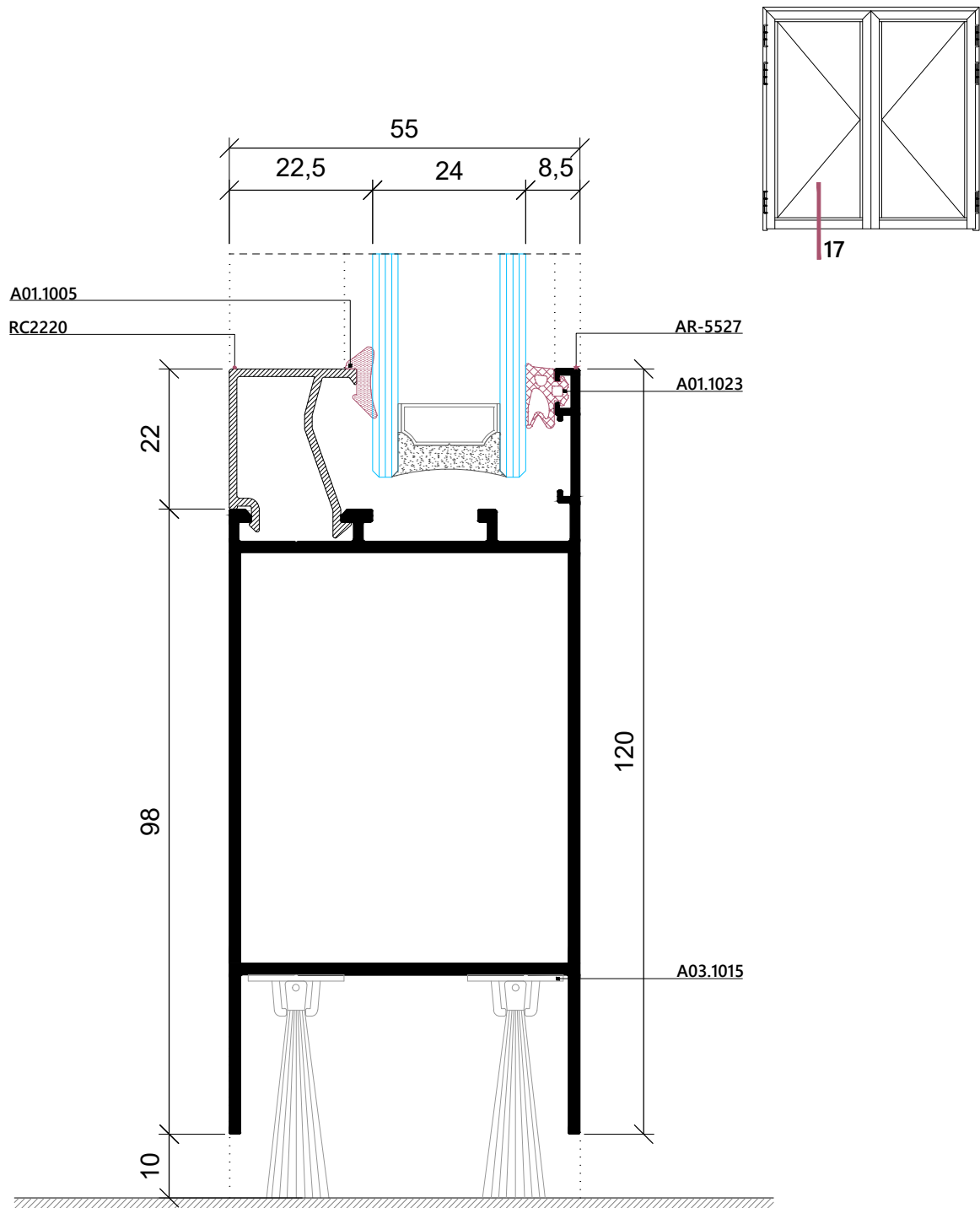


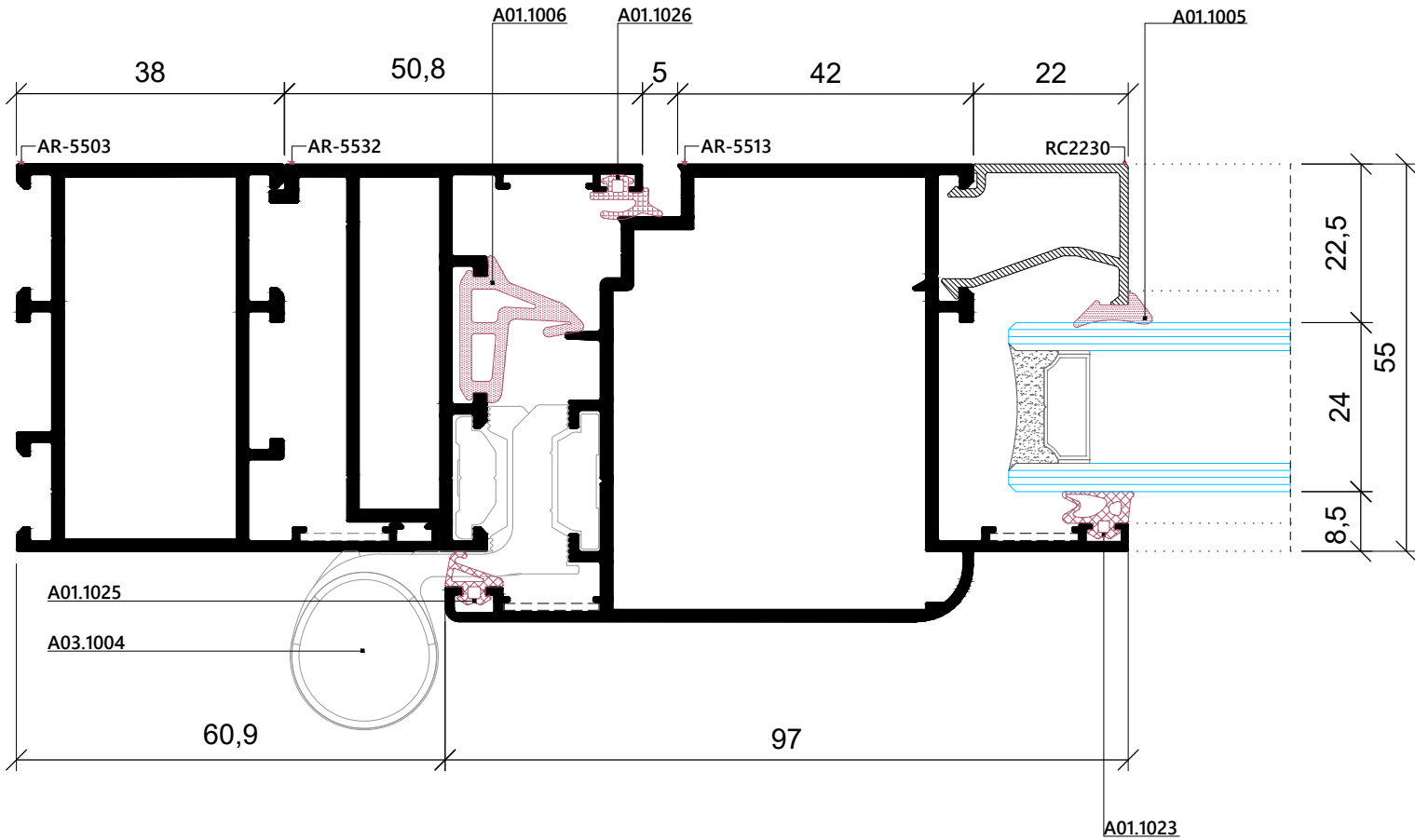
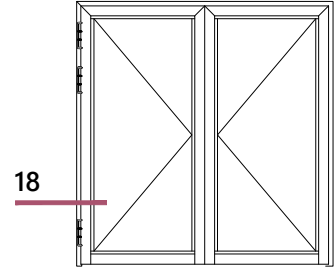


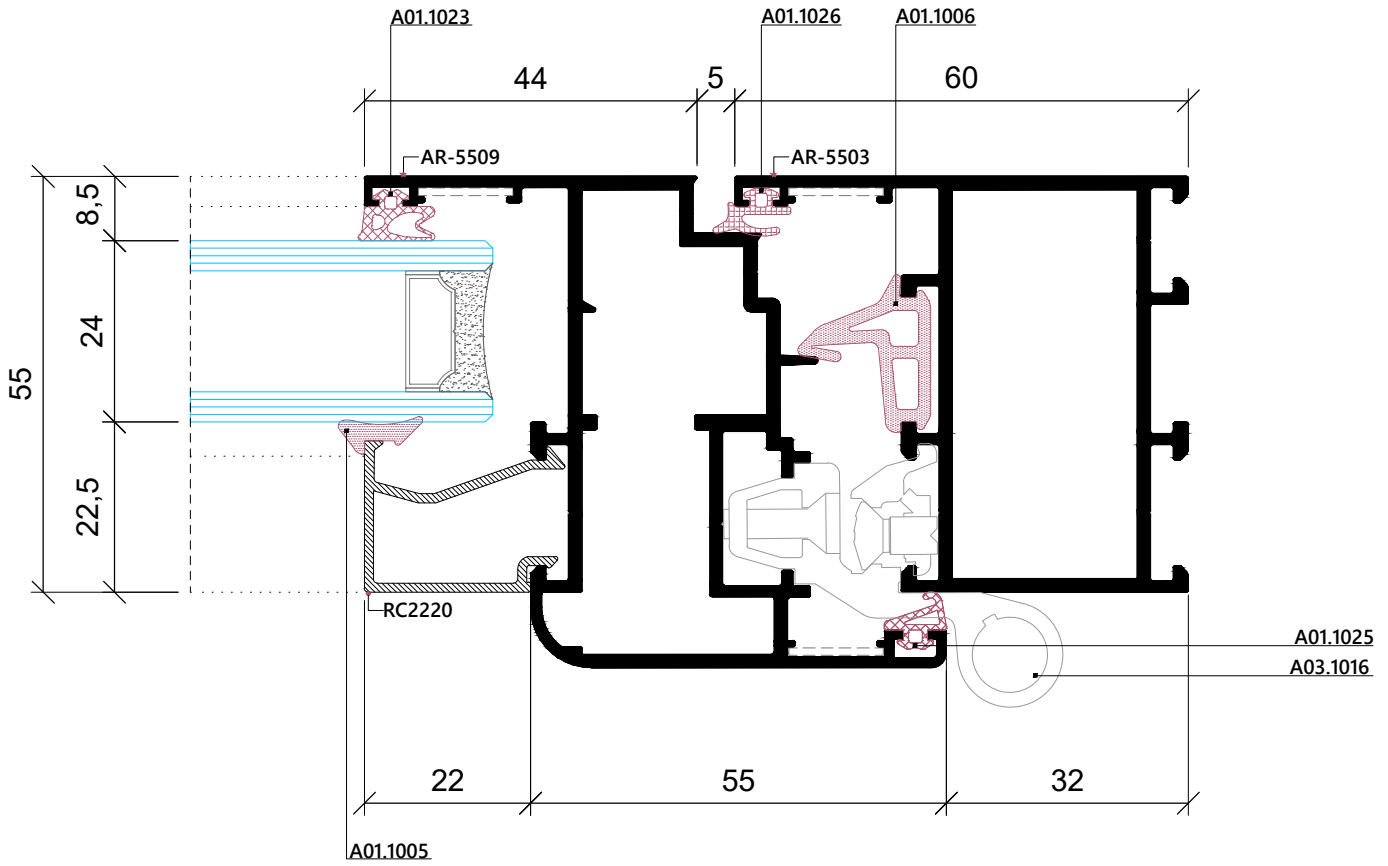
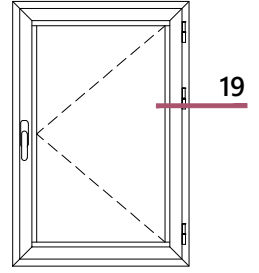


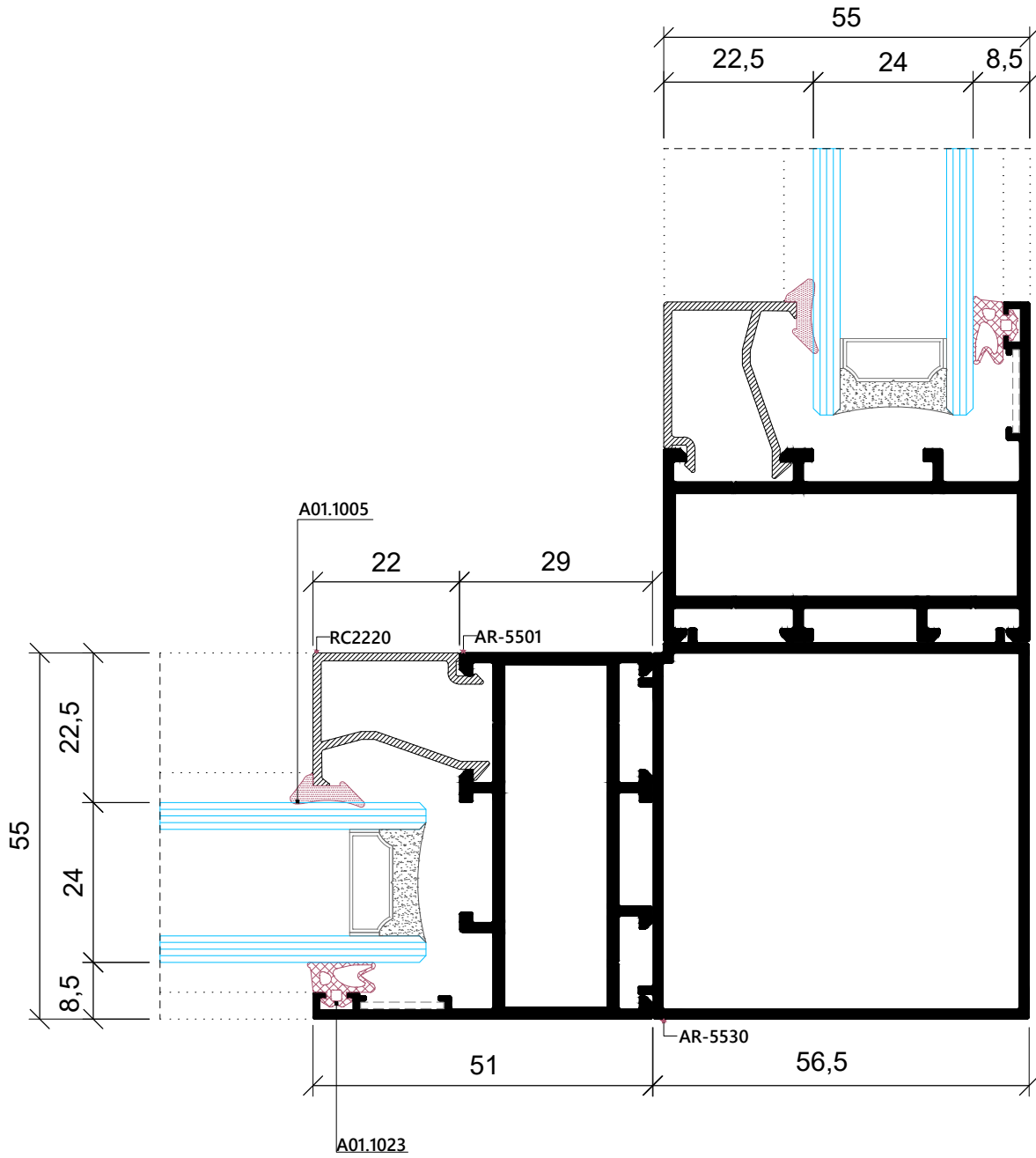
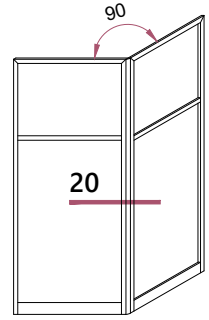


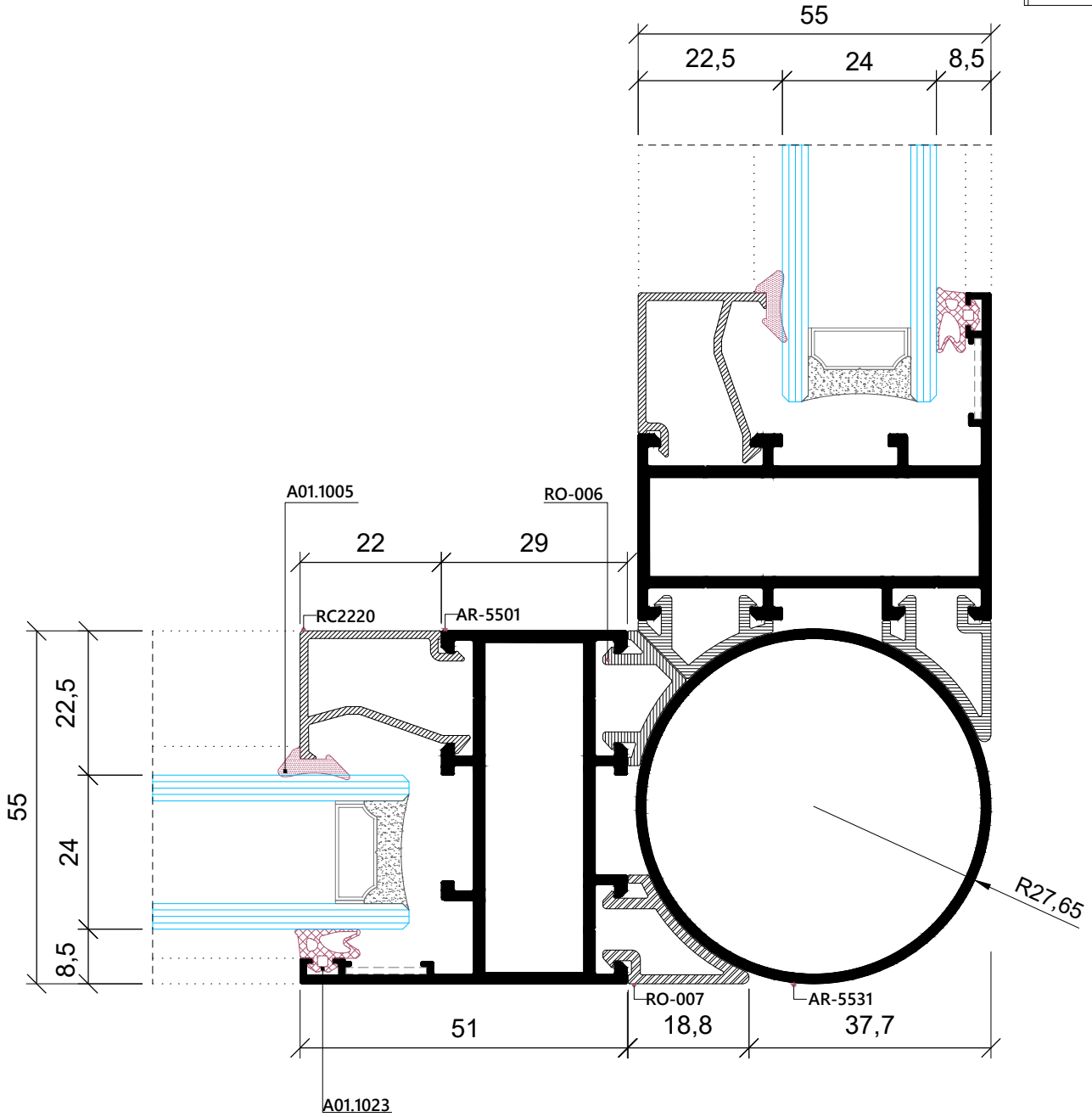
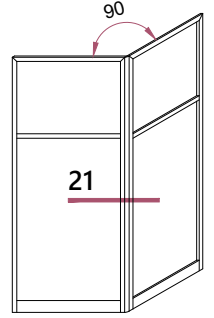










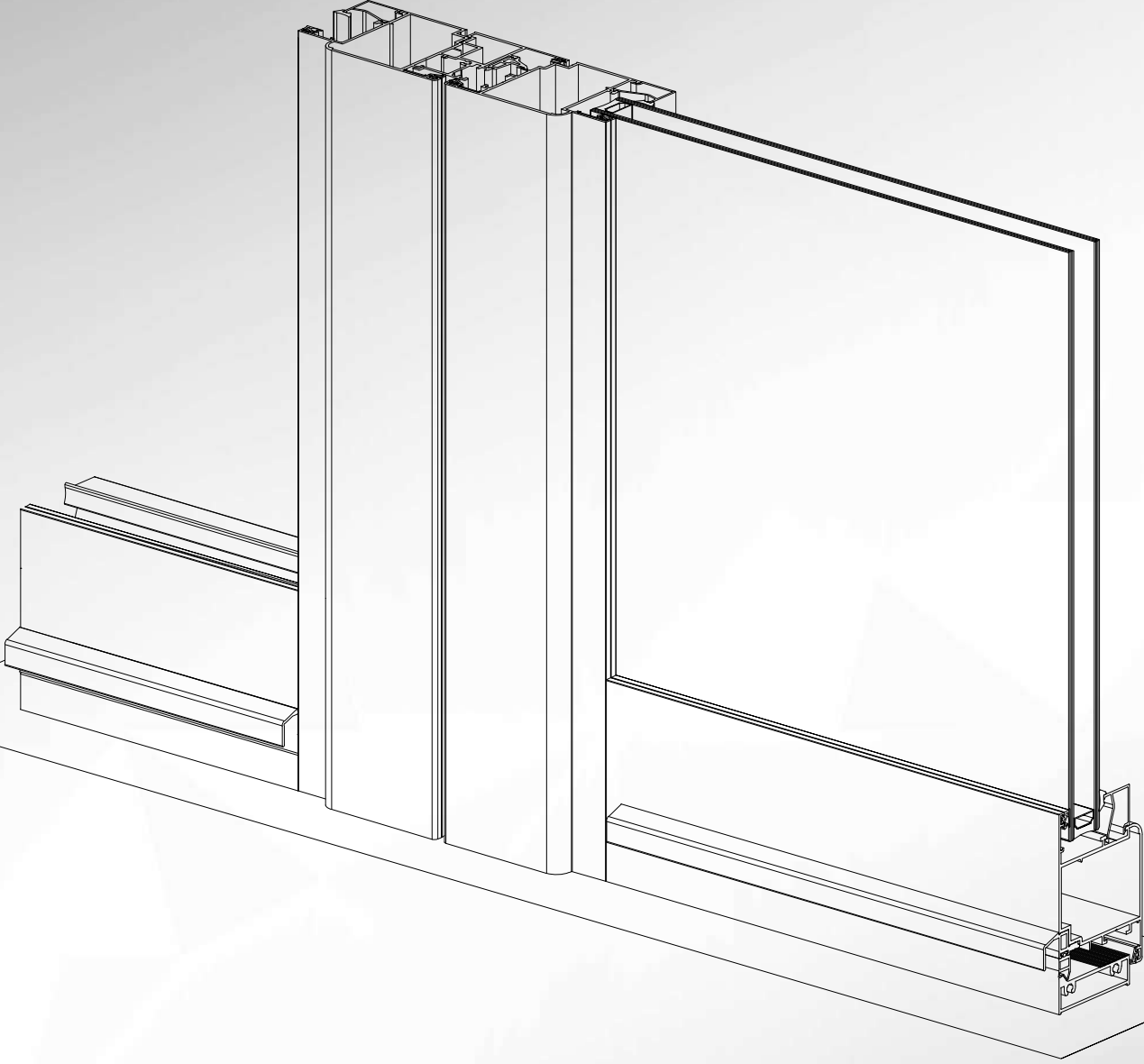




ROUTE
SYSTEMS

AR-55

DOOR & WINDOW SYSTEMS



KESİM ÖLÇÜLERİ/

CUTTING DIMENSIONS



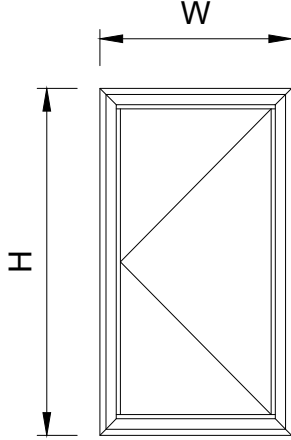
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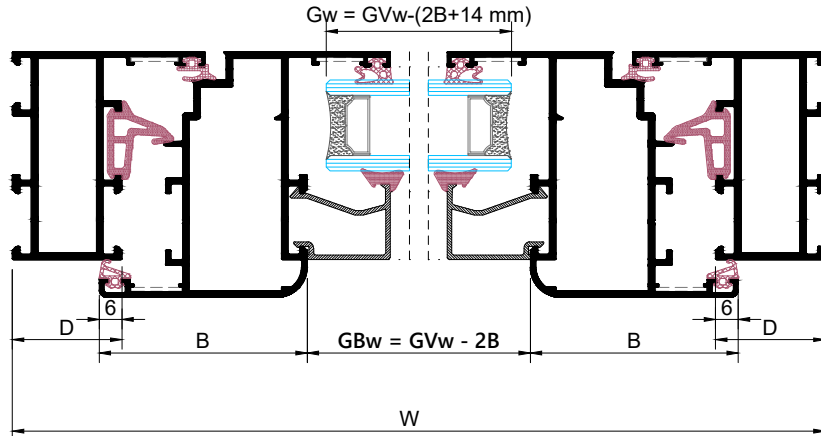
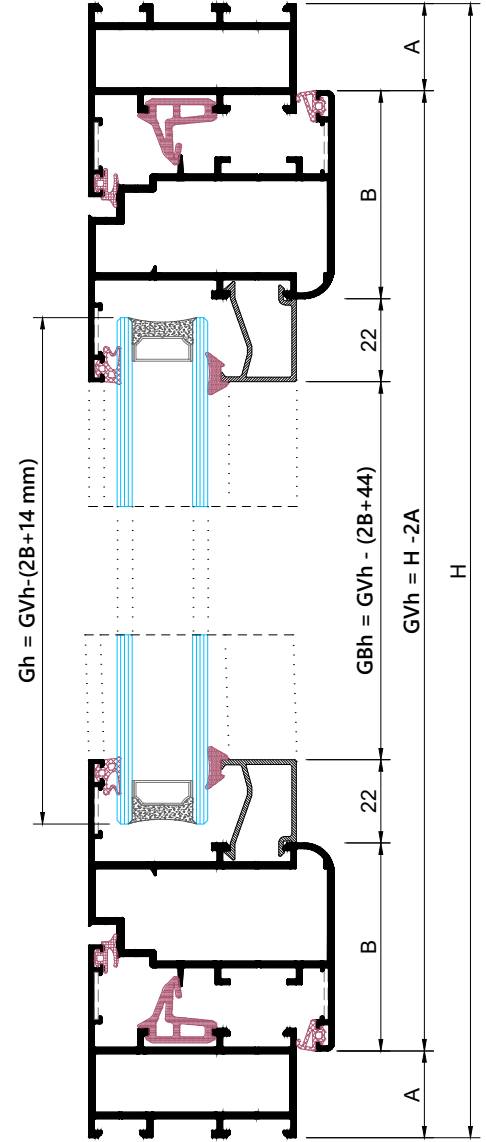


TEK KANAT PENCERE AÇILIM KESİM ÖLÇÜLERİ/ SINGLE SLASH WINDOW OPENING CUTTING DIMENSIONS



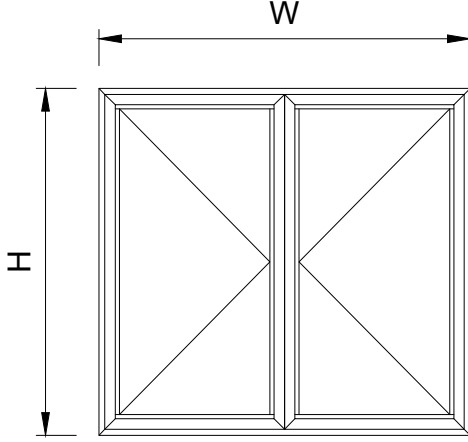
PROFİLLER PROFILES	MİKTAR AMOUNT	KESİM SHAPE	KESİM ÖLÇÜLERİ SHAPE DIMENSIONS
KASA FRAME	2 Ad. / Pcs	45° - 45°	W
	2 Ad. / Pcs	45° - 45°	H
KANAT VENT	2 Ad. / Pcs	45° - 45°	GVw = W - 2A
	2 Ad. / Pcs	45° - 45°	GVh = H - 2A
CAM ÇITASI GLASSING BEAD	2 Ad. / Pcs	90° - 90°	GBw = GVw - 2B
	2 Ad. / Pcs	90° - 90°	GBh = GVh - (2B+44)

A = Kasa Görünür Yüksekliği D = Kanat Yüksekliği	B = Kasa Yüksekliği W = Pencere/ Kapı Genişliği	H = Pencere/Kapı Yüksekliği
GVw = 45° Kanat Yatay Profil Kesim Ölçüsü GVh = 45° Kanat Düşey Profil Kesim Ölçüsü GBw = Çita Yatay Profil Kesim Ölçüsü	GBh = Çita Düşey Profil Kesim Ölçüsü 22 = Çita Yüksekliği (Sabit Değer)	



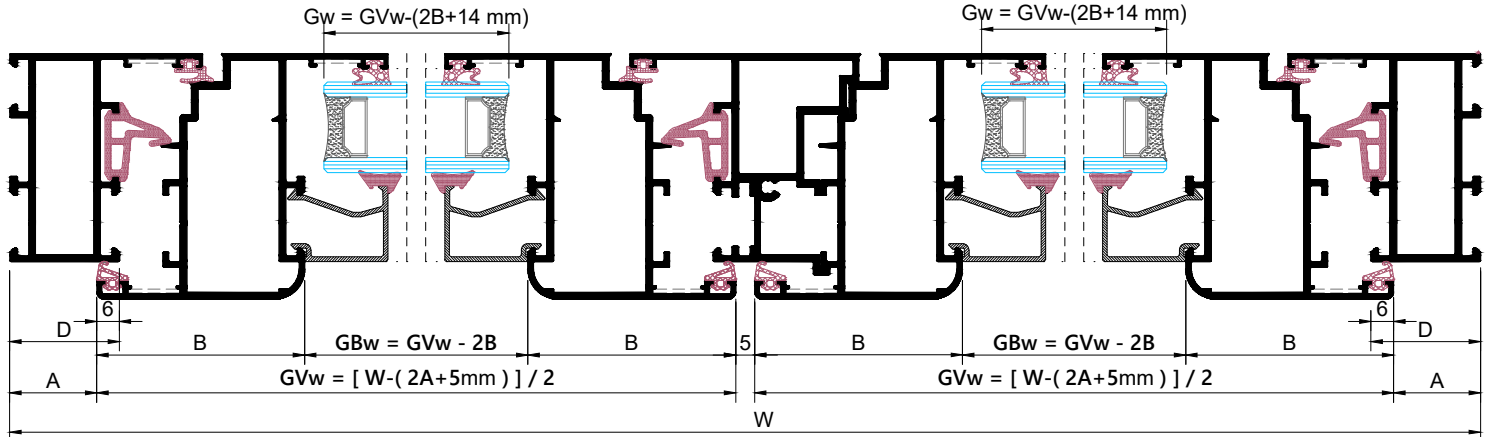
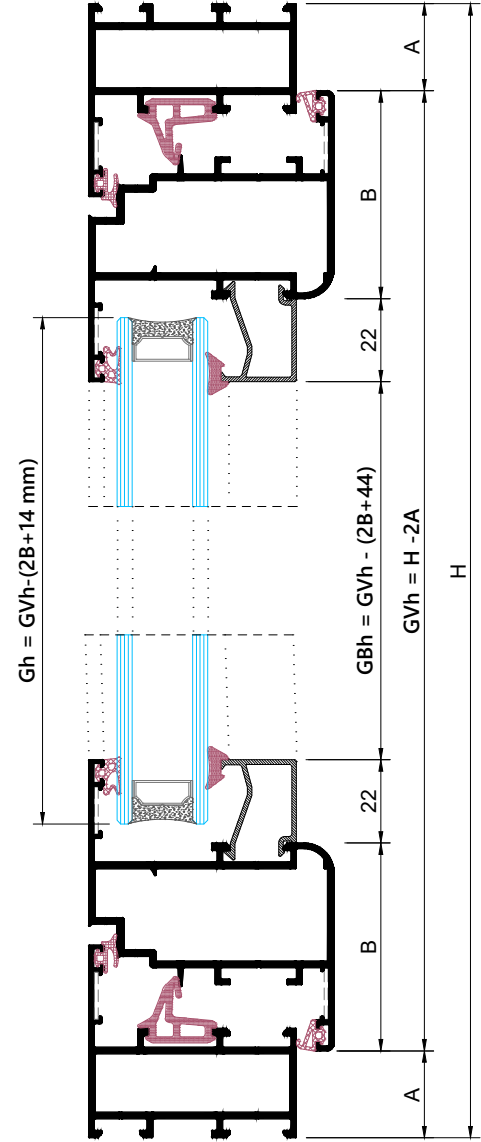


ÇİFT KANAT PENCERE AÇILIM KESİM ÖLÇÜLERİ/ DOUBLE SASH WINDOW OPENING CUTTING DIMENSIONS



PROFİLLER PROFILES	MİKTAR AMOUNT	KESİM SHAPE	KESİM ÖLÇÜLERİ SHAPE DIMENSIONS
KASA FRAME	2 Ad. / Pcs	45° - 45°	W
	2 Ad. / Pcs	45° - 45°	H
KANAT VENT	4 Ad. / Pcs	45° - 45°	$GVw [W - (2A + 5mm)] / 2$
	4 Ad. / Pcs	45° - 45°	$GVh = H - 2A$
KANAT ADAPTÖR DOUBLE SASH ADAPTER	1 Ad. / Pcs	90° - 90°	$GVh = XXX \text{ mm}$
CAM ÇITASI GLEASING BEAD	4 Ad. / Pcs	90° - 90°	$GBw = GVw - 2B$
	4 Ad. / Pcs	90° - 90°	$GBh = GVh - (2B + 44)$

$A = \text{Kasa Görünür Yüksekliği}$ $D = \text{Kanat Yüksekliği}$	$B = \text{Kasa Yüksekliği}$ $W = \text{Pencere/ Kapı Genişliği}$	$H = \text{Pencere/Kapı Yüksekliği}$
$GVw = 45^\circ \text{ Kanat Yatay Profil Kesim Ölçüsü}$ $GVh = 45^\circ \text{ Kanat Düşey Profil Kesim Ölçüsü}$ $GBw = \text{Çıta Yatay Profil Kesim Ölçüsü}$		$GBh = \text{Çıta Düşey Profil Kesim Ölçüsü}$ $22 = \text{Çıta Yüksekliği (Sabit Değer)}$

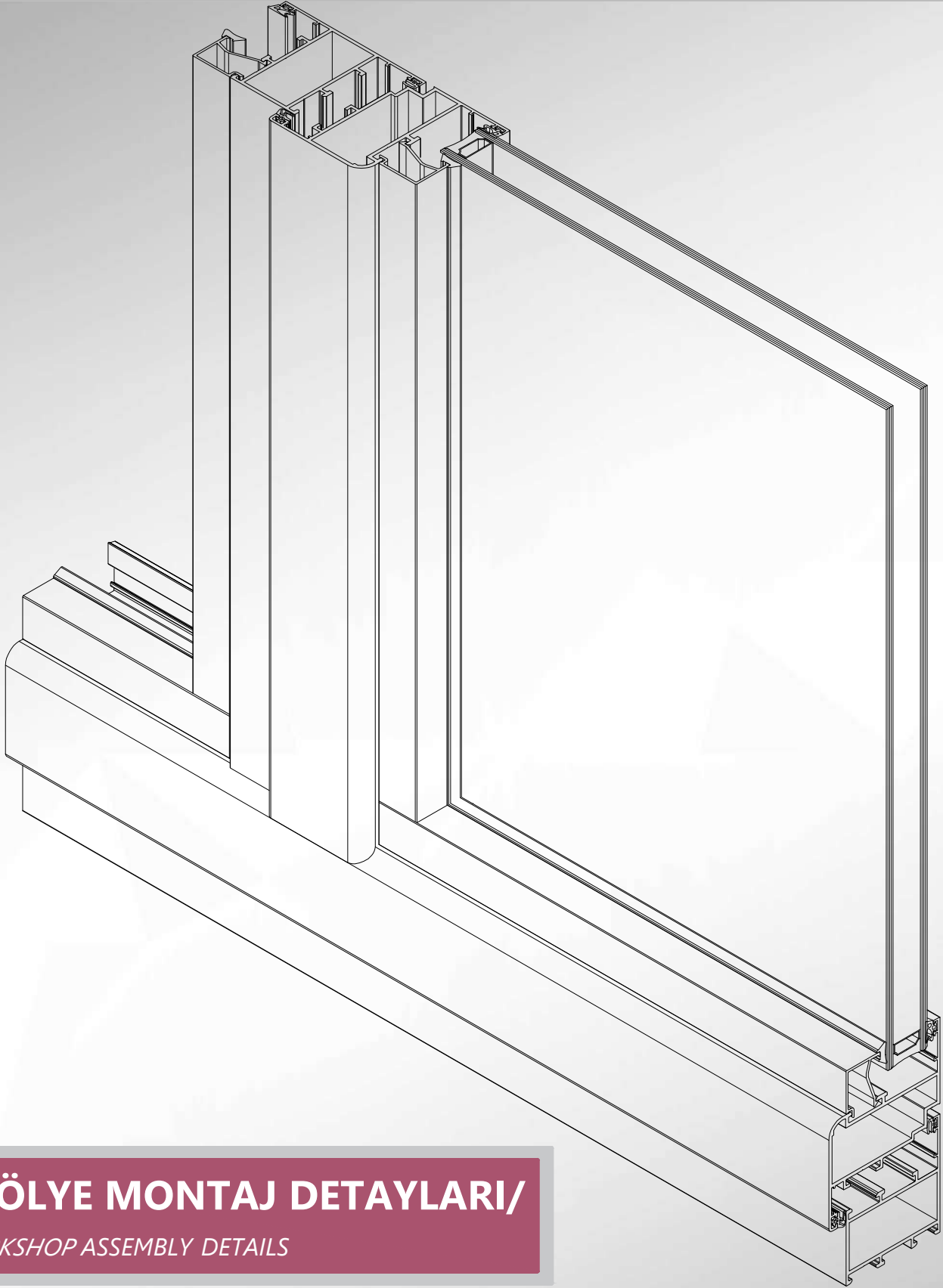




ROUTE
SYSTEMS

AR-55

DOOR & WINDOW SYSTEMS



ATÖLYE MONTAJ DETAYLARI/

WORKSHOP ASSEMBLY DETAILS



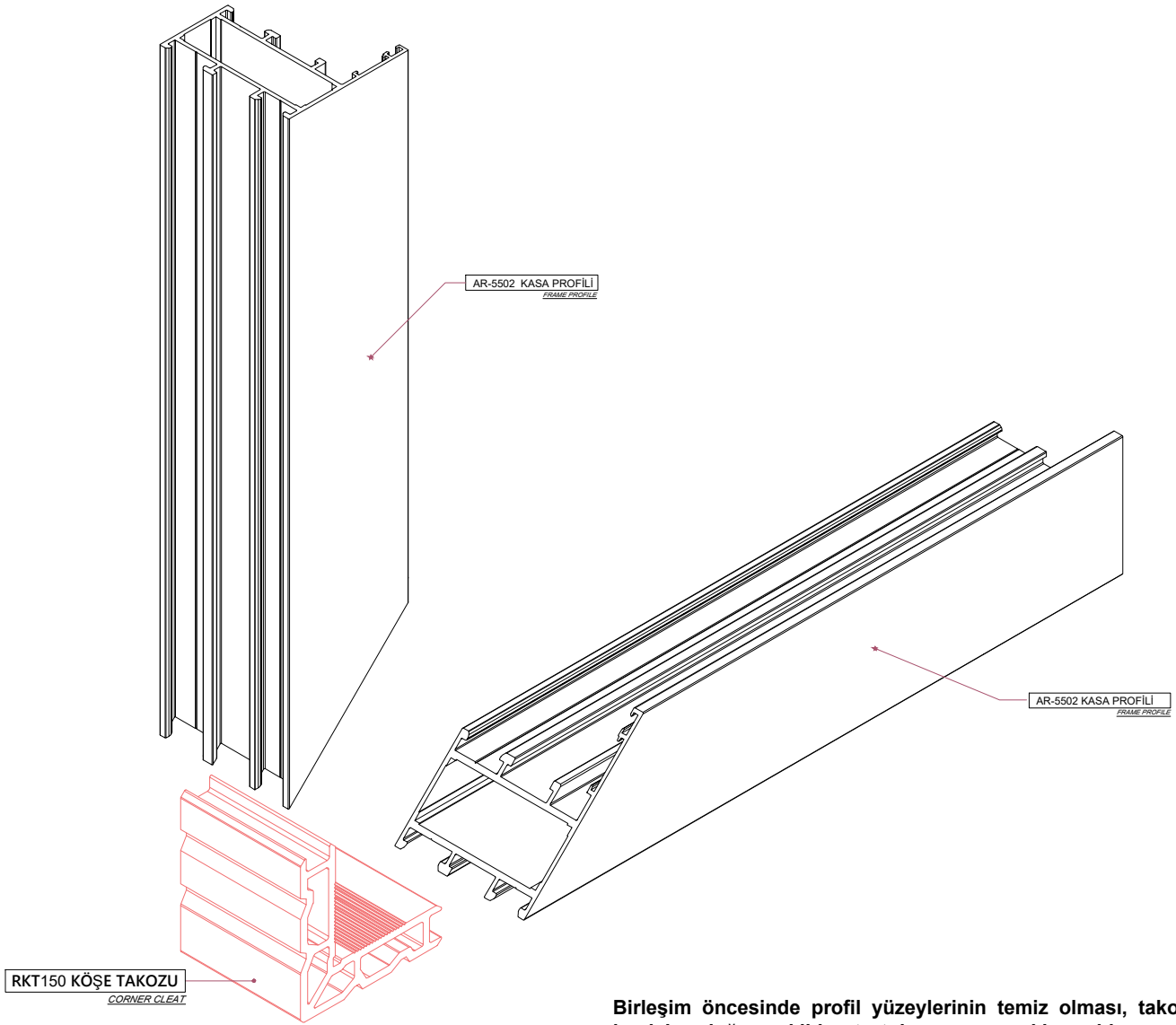
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KÖŞE TAKOZU KASA PROFİLİ BİRLEŞİM DETAYI/ CORNER CLEAT FRAME PROFILE JOINING DETAIL



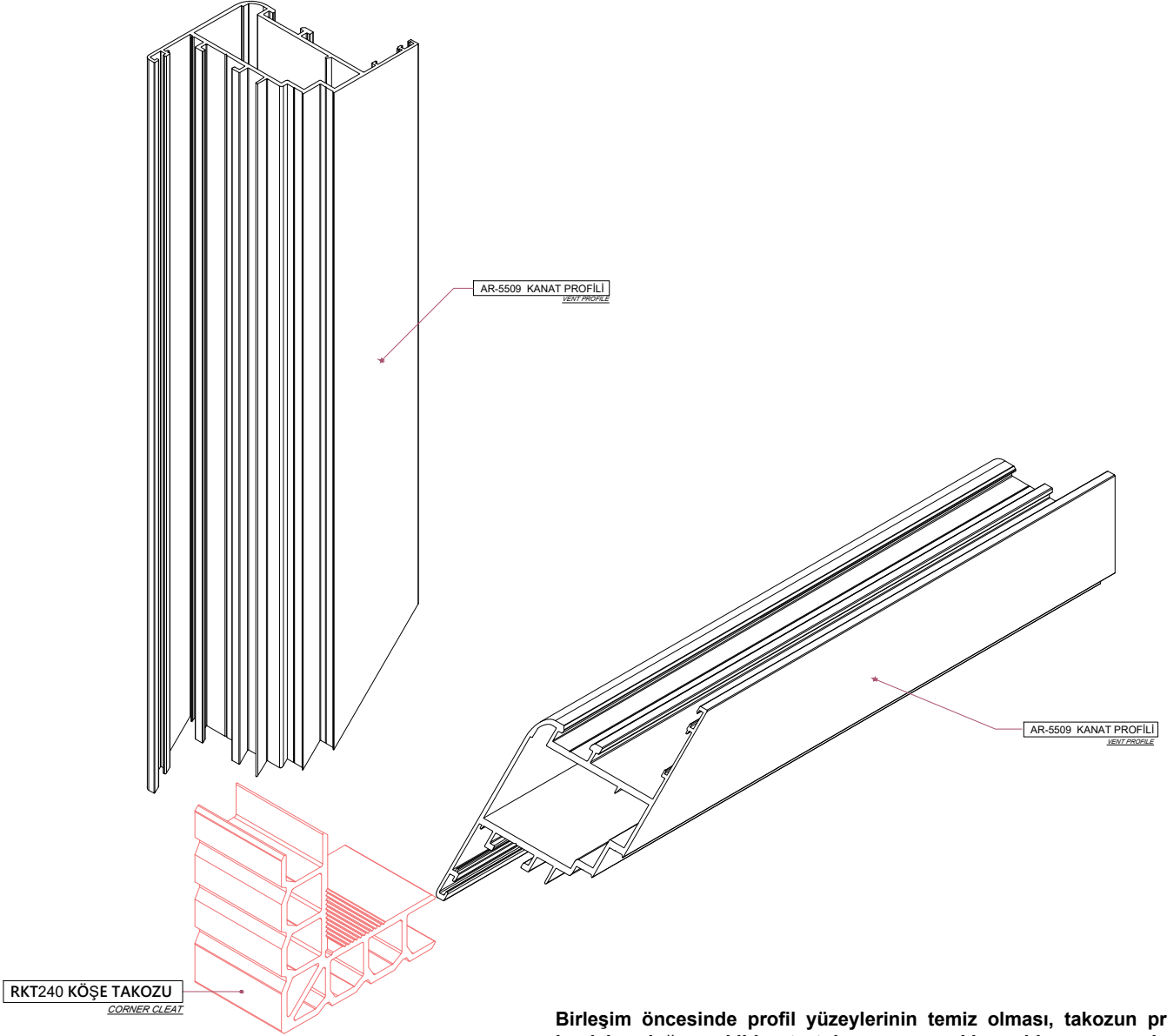
Birleşim öncesinde profil yüzeylerinin temiz olması, takozun profil içerisine doğru şekilde oturtulması ve gerekirse vida veya presleme yöntemiyle sabitlenmesi önerilir. Köşe yapıştırma silikonları tavsiye edilir. Bu uygulama, sistemin bütünlüğünü ve uzun vadeli performansını doğrudan etkiler.

Before assembly, it is recommended to ensure that the profile surfaces are clean, and that the cleat is properly inserted into the profile. If necessary, it should be secured using screws or a pressing method. The use of corner bonding silicones is also recommended. This application directly affects the overall integrity and long-term performance of the system.





KÖŞE TAKOZU KANAT PROFİLİ BİRLEŞİM DETAYI/ CORNER CLEAT VENT PROFILE JOINING DETAIL



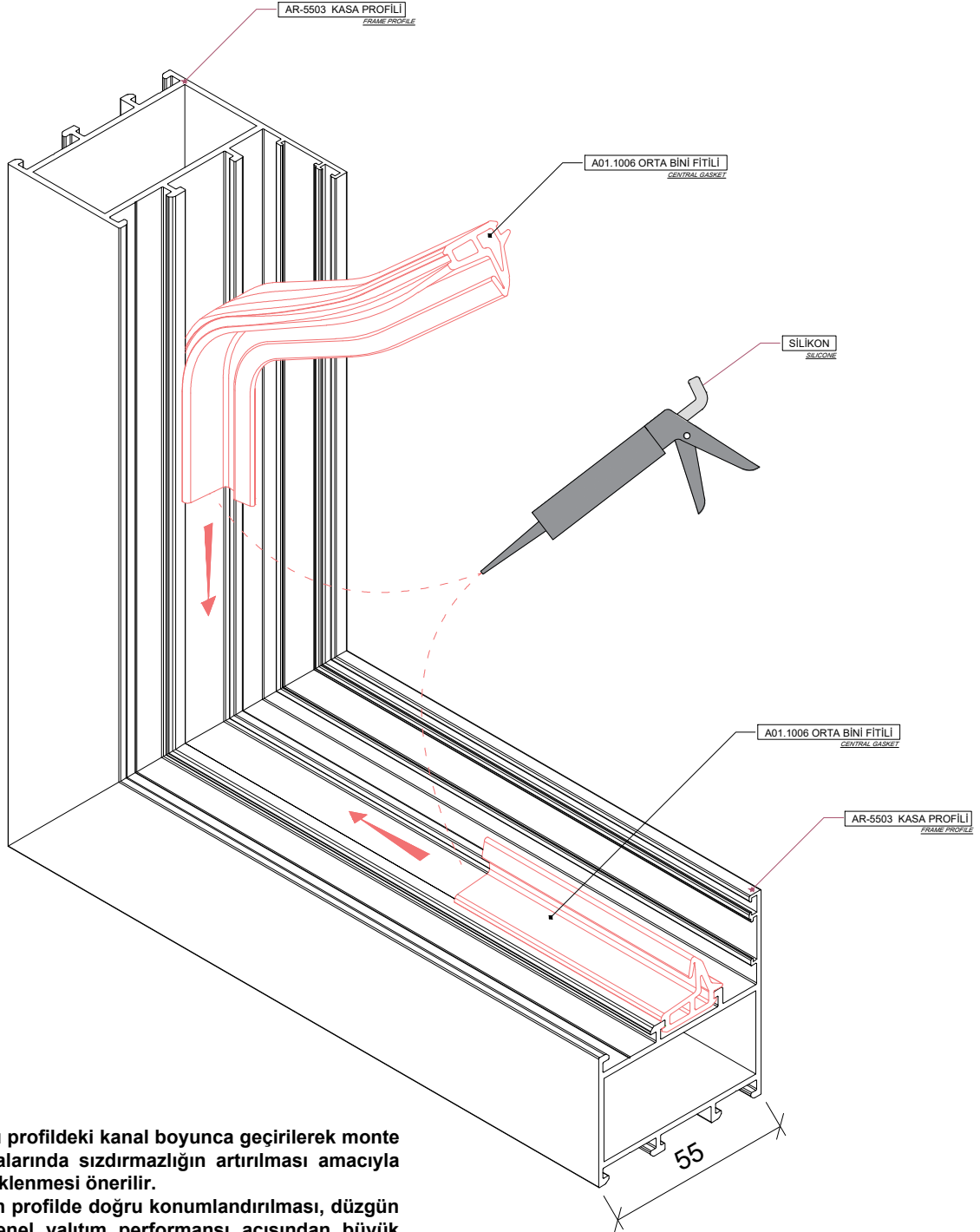
Birleşim öncesinde profil yüzeylerinin temiz olması, takozun profil içerisine doğru şekilde oturtulması ve gerekirse vida veya presleme yöntemiyle sabitlenmesi önerilir. Köşe yapıştırma silikonları tavsiye edilir. Bu uygulama, sistemin bütünlüğünü ve uzun vadeli performansını doğrudan etkiler.

Before assembly, it is recommended to ensure that the profile surfaces are clean, and that the cleat is properly inserted into the profile. If necessary, it should be secured using screws or a pressing method. The use of corner bonding silicones is also recommended. This application directly affects the overall integrity and long-term performance of the system.





ORTA BİNİ FİTİLİ BİRLEŞİM DETAYI/ CENTRAL GASKET JOINING DETAIL



Fitil, üstten aşağıya doğru profildeki kanal boyunca geçirilerek monte edilir. Köşe birleşim noktalarında sızdırmazlığın artırılması amacıyla uygun bir silikon ile desteklenmesi önerilir.

□ Uygulama Notu: Fitilin profile doğru konumlandırılması, düzgün çalışması ve sistemin genel yalıtım performansı açısından büyük önem taşır

The gasket is inserted from top to bottom along the profile channel. At corner joints, silicone application is advised for better sealing.

□ Application Note: Correct placement of the gasket within the profile is crucial for proper functionality and the overall insulation performance of the system.



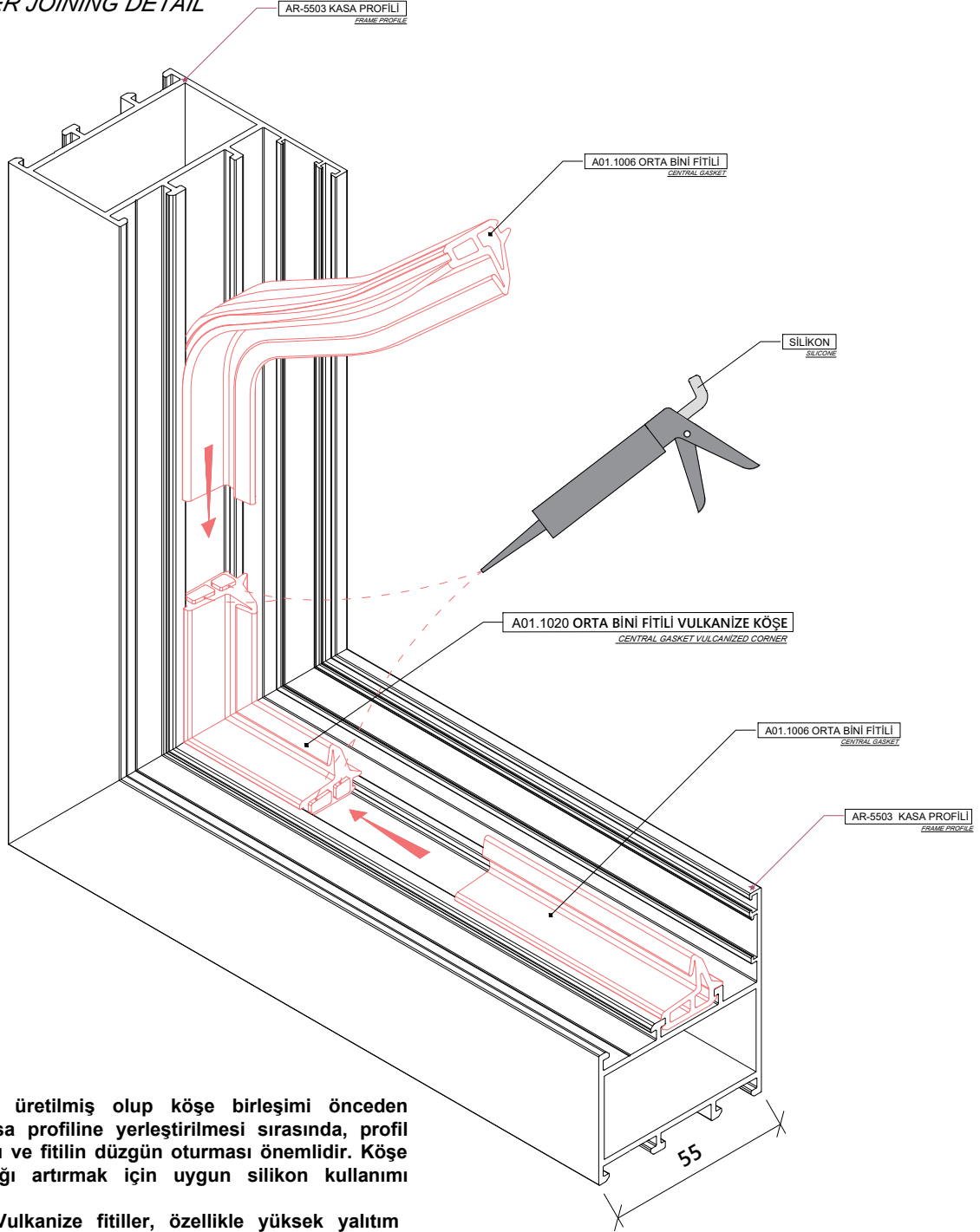
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VULKALİZE KÖŞE BİRLEŞİM DETAYI/ VULCANIZED CORNER JOINING DETAIL



Fitel, tek parça olarak üretilmiş olup köşe birleşimi önceden birleştirilmiştir. Fitilin kasa profiline yerleştirilmesi sırasında, profil kanallarının temiz olması ve fitilin düzgün oturması önemlidir. Köşe bölgelerinde sızdırmazlığı artırmak için uygun silikon kullanımı önerilir.

□□ Uygulama Notu: Vulkanize fitiller, özellikle yüksek yalıtım performansı beklenen alanlarda tercih edilmelidir. Doğru montaj, sistemin hem estetik hem de fonksiyonel başarısı açısından kritik öneme sahiptir.

The gasket is produced as a single piece with pre-joined corners. During installation, profile channels must be clean, and the gasket must be properly seated. For enhanced corner sealing, suitable silicone application is recommended.

□□ Application Note: Vulcanized gaskets are ideal for applications requiring high insulation performance. Proper installation is crucial for both the aesthetic and functional success of the system.



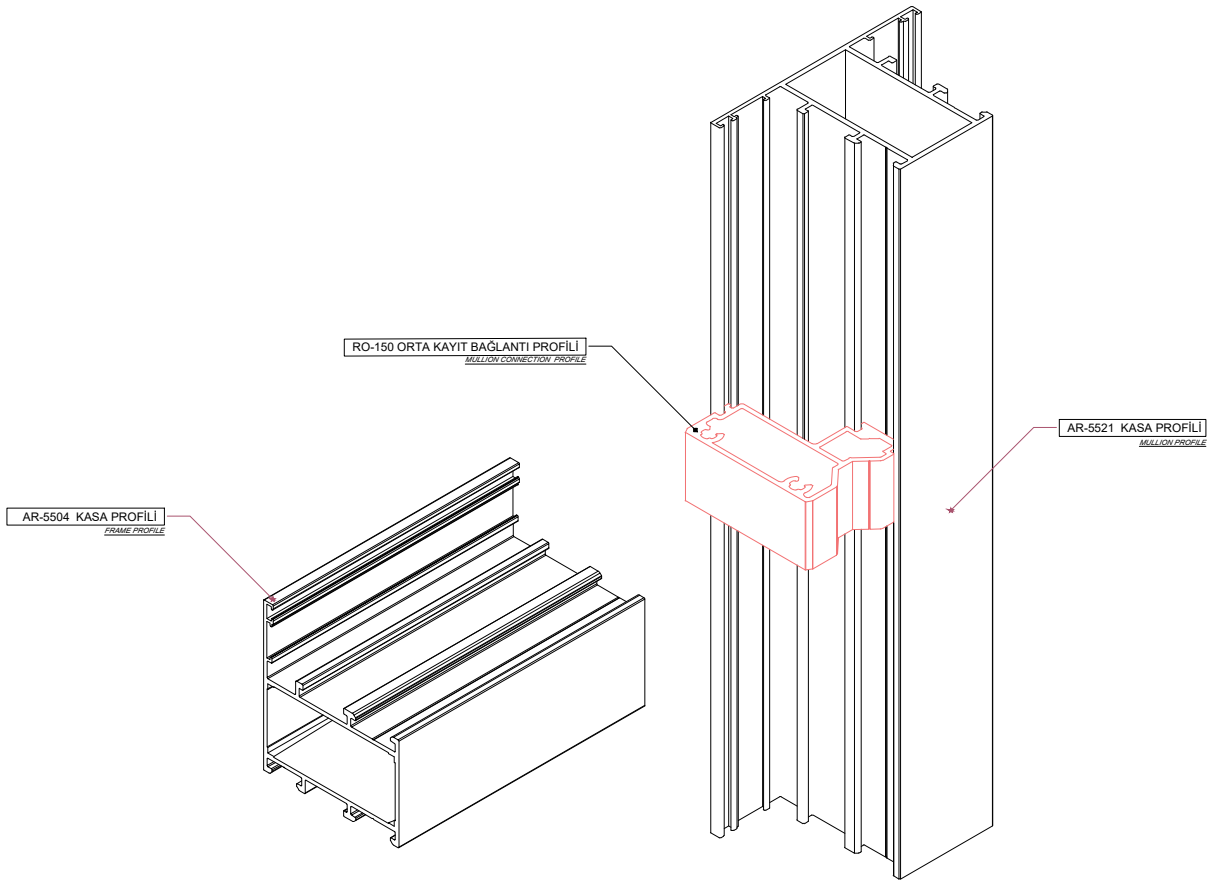
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ORTA KAYIT BAĞLANTI PROFİLİ BİRLEŞİM DETAYI/ MULLION JOINT PROFILE CONNECTION DETAIL



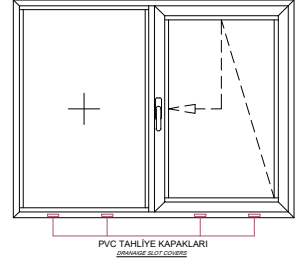
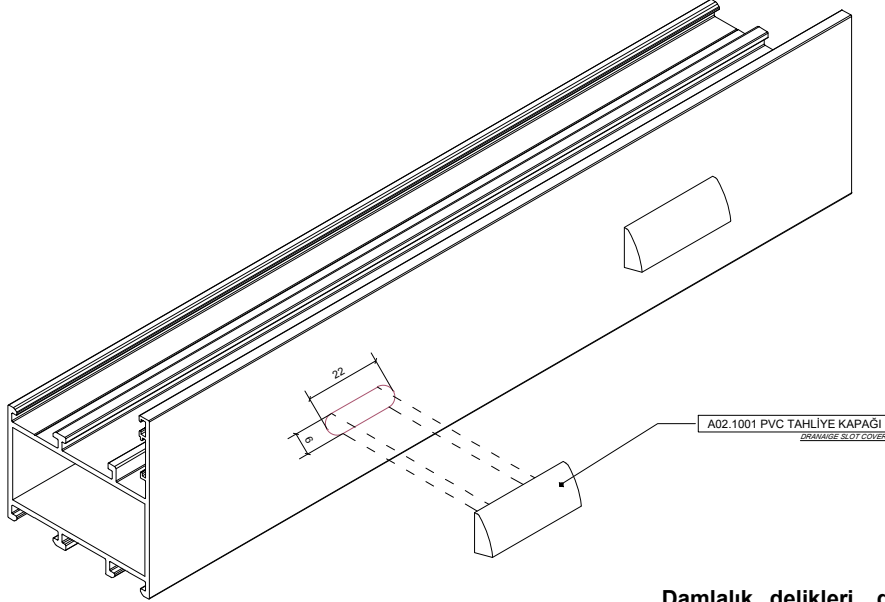
□□ **Uygulama Notu:** Bağlantı öncesinde profil uçlarının temiz ve düzgün kesilmiş olması önemlidir. Bağlantı profili, ilgili kanallara sıkı geçme ile yerleştirilmeli ve gerekirse vida ile sabitlenmelidir. Uygulama, sistemin rijitliğini ve montaj bütünlüğünü doğrudan etkiler.

□□ **Application Note:** Ensure that the profile ends are clean and properly cut before assembly. The joint profile must be tightly inserted into the profile channels and, if necessary, secured with screws. Proper assembly directly contributes to the rigidity and structural integrity of the system.



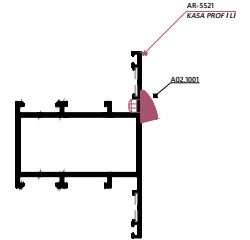
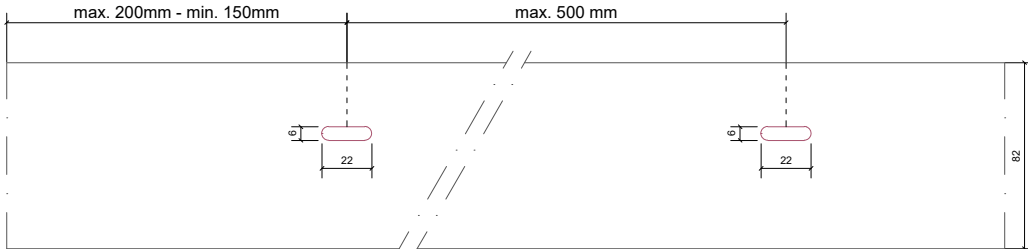
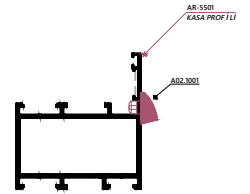
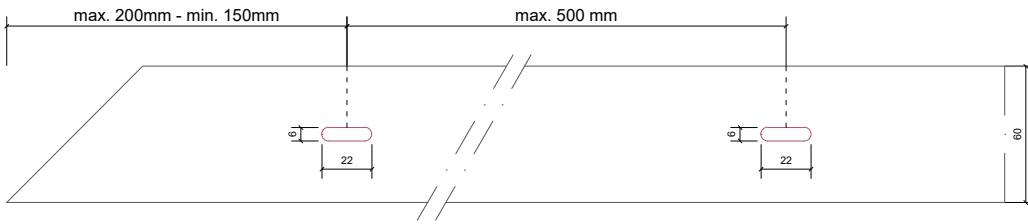


DAMLALIK DELİĞİ DETAYI/ DRIP HOLE DETAIL



Damlalık delikleri, doğramanın alt profilinde (kanat ya da kasa olabilir) açılır. Her deliğe uygun PVC kapak takılmalıdır. Doğru yerleştirme, suyun içeriye sızmasını engelleyerek sistemin dayanıklılığını artırır.

Drip holes are drilled on the lower part of the frame or sash profile. Each hole must be fitted with a PVC cap. Proper installation prevents water ingress and improves overall system performance.





ROUTE
SYSTEMS

AR-55

DOOR & WINDOW SYSTEMS

AKSESUAR LİSTESİ /

ACCESSORY LIST

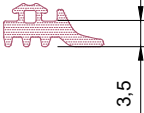
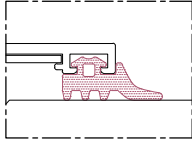
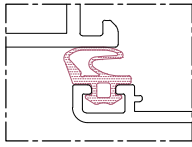
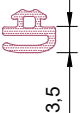
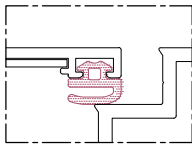
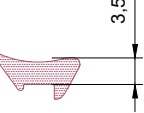
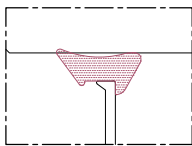
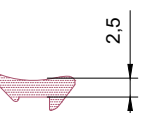
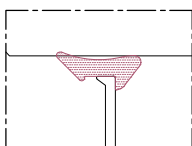
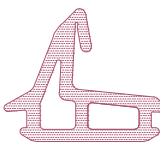
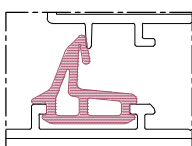
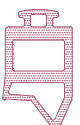
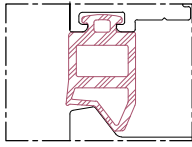


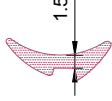
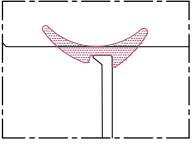
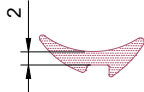
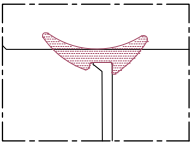
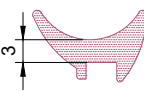
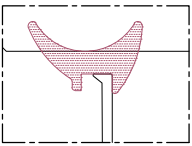
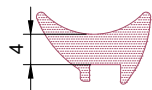
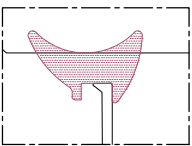
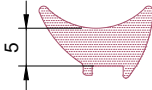
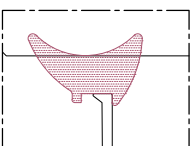
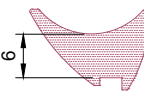
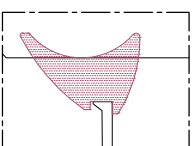
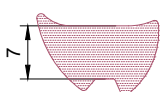
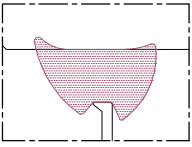
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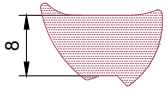
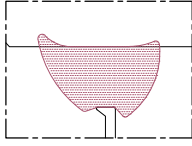
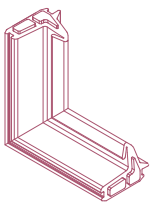
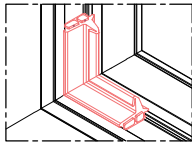
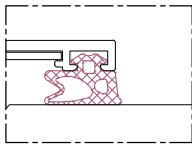
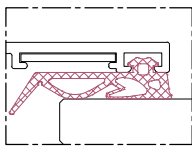
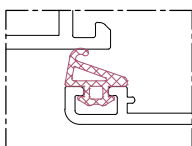
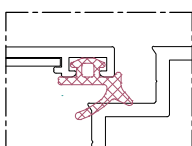


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 Ölçek : 1/1	A01.1001 3.5mm DIŞ CAM FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 46 gr/m	
 Ölçek : 1/1	A01.1002 5mm İÇ BİNİ FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 30 gr/m	
 Ölçek : 1/1	A01.1003 3.5mm DIŞ BİNİ FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 26 gr/m	
 Ölçek : 1/1	A01.1004 3.5mm İÇ CAM FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 45 gr/m	
 Ölçek : 1/1	A01.1005 2.5mm İÇ CAM FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 32 gr/m	
 Ölçek : 1/1	A01.1006 ORTA BİNİ FİTİLİ ART55 VE AR 55 İÇİN Malzeme / Material : EPDM Ağırlık / Weight : 144 gr/m	
 Ölçek : 1/1	A01.1009 EŞİK KANAT BİNİ FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 55 gr/m	

ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
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 Ölçek : 1/1	A01.1011 2 mm İÇ CAM FİTİLİ	
 Ölçek : 1/1	A01.1012 3 mm İÇ CAM FİTİLİ	
 Ölçek : 1/1	A01.1013 4 mm İÇ CAM FİTİLİ	
 Ölçek : 1/1	A01.1014 5 mm İÇ CAM FİTİLİ	
 Ölçek : 1/1	A01.1015 6 mm İÇ CAM FİTİLİ	
 Ölçek : 1/1	A01.1016 7 mm İÇ CAM FİTİLİ	

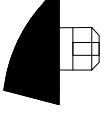
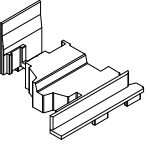
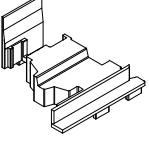




ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
 Ölçek : 1/1	A01.1017 8 mm İÇ CAM FİTİLİ	
 Ölçek : 1/1	A01.1020 VULKANİZE KÖŞE FİTİLİ (A01.1006 kodlu fitil içindir.)	
 Ölçek : 1/1	A01.1023 DIŞ CAM FİTİLİ (YENİ KISA) Malzeme / Material : EPDM Ağırlık / Weight : 32.6 gr/m	
 Ölçek : 1/1	A01.1024 DIŞ CAM FİTİLİ (YENİ UZUN) Malzeme / Material : EPDM Ağırlık / Weight : 60.78 gr/m	
 Ölçek : 1/1	A01.1025 5 MM İÇ BİNİ FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 29.1 gr/m	
 Ölçek : 1/1	A01.1026 3.5mm DIŞ BİNİ FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 32.7 gr/m	





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	A02.1001 PVC TAHLİYE KAPAĞI
 	A02.1002 PVC ADAPTÖR KAPAĞI (ALT) AR- 55/ART55 İÇİN
 	A02.1003 PVC ADAPTÖR KAPAĞI (ÜST) AR- 55/ART55 İÇİN





çizim / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A03.1001 PENCERE YERLİ SİSTEM MENTEŞE
	A03.1002 PENCERE İTHAL SİSTEM MENTEŞE
	A03.1003 KAPI YERLİ SİSTEM MENTEŞE
	A03.1004 KAPI İTHAL SİSTEM MENTEŞE
	A03.1005 KAPI YERLİ YÜZEYDEN MENTEŞE 2'Lİ
	A03.1006 KAPI YERLİ YÜZEYDEN MENTEŞE 3'Lİ
	A03.1007 KAPI İTHAL YÜZEYDEN MENTEŞE 2'Lİ

çizim / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A03.1008 KAPI İTHAL YÜZEYDEN MENTEŞE 3'Lİ
	A03.1015 KAPI ALTI FIRÇASI
	A03.1016 PVC KAPI MENTEŞESİ





ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A04.1001 YAYLI BASMA KOL KAPI KOLU
	A04.1002 EKSENEL PENCERE KOLU
	A04.1003 ÇEKME AKBANK KOL 2300 MM
	A04.1004 ÇEKME YAY KOL
	A04.1005 AKBANK KOL APARATI
	A04.1006 HAVUZ TİPİ AKBANK KOL 2300 MM



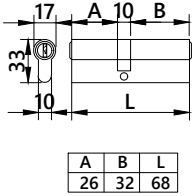
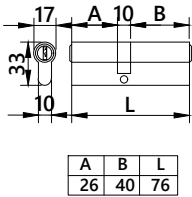
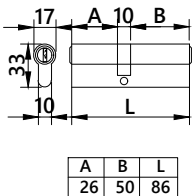
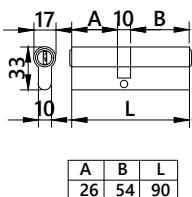
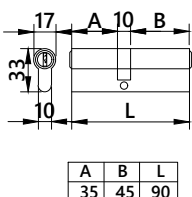
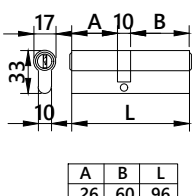
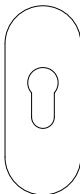


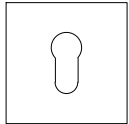
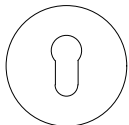
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	A05.1001 DİLLİ KİLİT
	A05.1002 SİLİNDİRLİ KİLİT
	A05.1003 VAŞİSTAS MANDAL KİLİT
	A05.1004 DİLLİ KİLİT KARŞILIĞI
	A05.1005 SİLİNDİRLİ KİLİT KARŞILIĞI
	A05.1006 PİM KARŞILIĞI
	A05.1007 PİM

ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A05.1008 KANAT KALDIRMA KİTİ
	A05.1009 SİSTEM KAPI SÜRGÜ



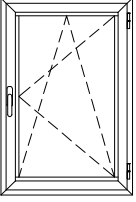
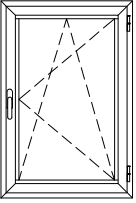
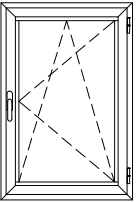
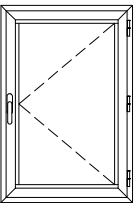
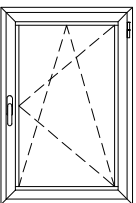
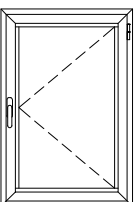


ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A06.1001 BAREL 68MM (26+10+32)
	A06.1002 BAREL 76MM (26+10+40)
	A06.1003 BAREL 86 MM (26+10+50)
	A06.1004 BAREL 90MM (26+10+54)
	A06.1005 BAREL 90MM (35+10+45)
	A06.1006 BAREL 90MM (26+10+60)
	A06.1007 BAREL AYNASI (OVAL)

ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A06.1008 BAREL AYNASI (KARE)
	A06.1009 BAREL AYNASI (DAİRESEL)





ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A07.1000 PVC KANALLI ÇİFT AÇILIM MEKANİZMA SETİ
	A07.1200 T1J KANALLI ÇİFT AÇILIM MEKANİZMA SETİ
	A07.1500 TBT ÇİFT AÇILIM MEKANİZMA SETİ
	A07.1700 TEK AÇILIM MEKANİZMA SETİ
	A07.1800 GİZLİ MENTEŞELİ ÇİFT AÇILIM MEKANİZMA SETİ
	A07.1900 GİZLİ MENTEŞELİ TEK AÇILIM MEKANİZMA SETİ





ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A08.1001 KAPI HİDROLİĞİ KALE NO:4 DİRSEK KOLLU
	A08.1002 KAPI HİDROLİĞİ DORMA TS89F EN3-6 KAYAR KOLLU
	A08.1003 KAPI HİDROLİĞİ DORMA TS89F EN3-6 DİRSEK KOLLU
	A08.1004 PANİK BAR TEK KANAT TEK NOKTA KİLİTLEME
	A08.1005 KAPI STOPER BASMALI

