



ROUTE

SYSTEMS



ART-64

YALITIMLI PENCERE KAPI SERİSİ

Insulated Window and Door Series



**KOMPAKT
& VERİMLİ YAPI**
COMPACT & EFFICIENT STRUCTURE



**YALITIM ODAKLI
PERFORMANS**
INSULATION-FOCUSED PERFORMANCE



**ESNEK CAM
& AKSESUAR UYUMU**
FLEXIBLE GLASS & ACCESSORY
COMPATIBILITY



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 sektörlerde 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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DOOR & WINDOW SYSTEMS

GENEL BİLGİLER /

GENERAL INFORMATION



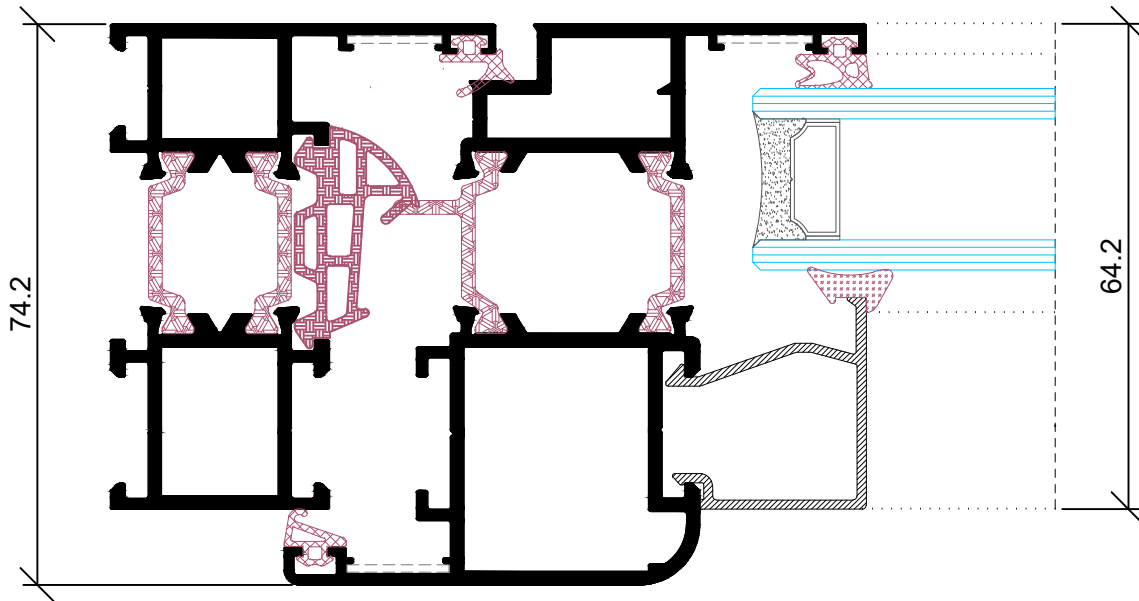
Almin®
Alüminyum Profil

TESCİLLİ MARKASIDIR.

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- 24 mm ISI BARIYERLİ YALITIM SİSTEMİ
- 64 mm KASA DERİNLİĞİ
- 74 mm KANAT DERİNLİĞİ
- 6-46 mm ARALIĞINDA CAM MONTAJ İMKANI
- EURO NORM STANDARTLARINDA AKSESUAR UYGUNLUĞU
- STATİK TALEPLERE UYGUN ORTA KAYIT PROFİL SEÇENEĞİ





TEKNİK ÖZELLİKLER

KASA DERİNLİĞİ	64 mm
KANAT DERİNLİĞİ	74 mm
PROFİL ET KALINLIĞI	1,5 / 1,8 / 2,0 mm
MAKS. CAM KALINLIĞI	46,0 mm
YALITIM BARIYERİ	24 mm

KULLANIM SEÇENEKLERİ

İÇ AÇILIM PENCERE	+
İÇ AÇILIM KAPI	+
DIŞ AÇILIM PENCERE	-
DIŞ AÇILIM KAPI	+
VASİSTAS PENCERE	+
ÇİFT EKSENL 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	1,86-2,57 W/m ² K

TERMAL PERFORMANS DEĞERLERİ THERMAL PERFORMANCE VALUES

TERMAL HESAP KOŞULLARI

THERMAL CALCULATION CONDITIONS

DIŞ ORTAM SICAKLIĞI: 0°C

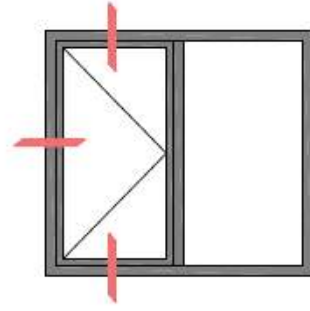
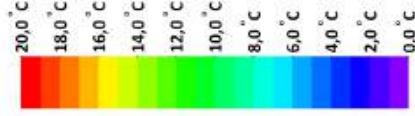
(OUTER TEMPERATURE)

İÇ ORTAM SICAKLIĞI: 20°C

(ROOM TEMPERATURE)

BAGIL NEM: %50

(RELATIVE HUMIDITY)



KESİT-1

$$\Phi_{-B} = -8,446 \text{ W/m}$$

203,00

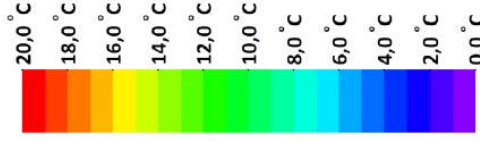
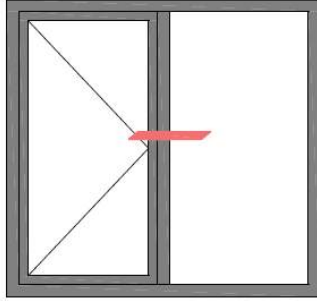
91,06

$$U = 1,031 \text{ W/(m}^2 \cdot \text{K)}$$

$$U_{fA,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{8,446}{20,000} - 1,031 \cdot 0,203}{0,091} = 2,34 \text{ W/(m}^2 \cdot \text{K)}$$

Material	λ [W/(m·K)]	ϵ	Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² ·K)/W]	ϵ
Aluminium (Si Alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame	0,000		0,040	
Panel	0,035	0,900	Interior, frame, normal	20,000		0,130	
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Interior, frame, reduced	20,000		0,200	
Slightly ventilated air cavity	anisotropic		Symmetry/Model section	0,000			
Unventilated air cavity	anisotropic						

TERMAL PERFORMANS DEĞERLERİ THERMAL PERFORMANCE VALUES



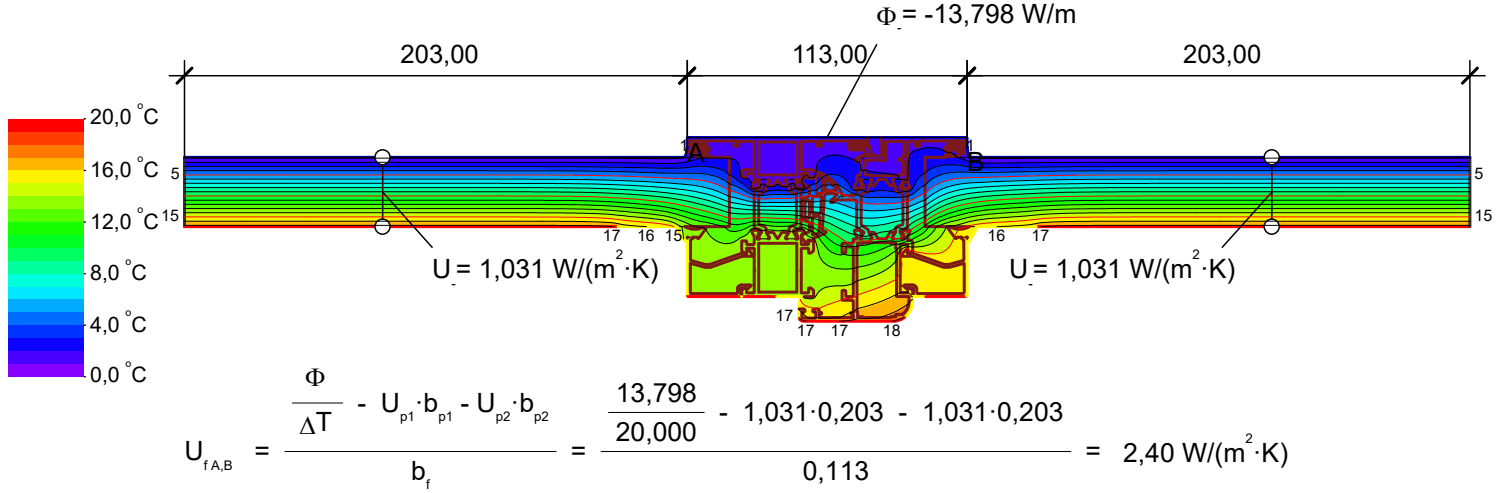
TERMAL HESAP KOŞULLARI
THERMAL CALCULATION CONDITIONS

DIŞ ORTAM SICAKLIĞI: 0°C
(OUTER TEMPERATURE)

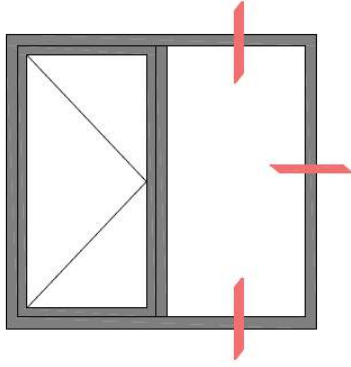
İÇ ORTAM SICAKLIĞI: 20°C
(ROOM TEMPERATURE)

BAĞIL NEM: %50
(RELATIVE HUMIDITY)

KESİT-2



Material	λ [W/(m·K)]	ε	Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² ·K)/W]	ε
Aluminium (Si Alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame	0,000	0,040		
Panel	0,035	0,900	Interior, frame, normal	20,000	0,130		
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Interior, frame, reduced	20,000	0,200		
Slightly ventilated air cavity	anisotropic		Symmetry/Model section	0,000			
Unventilated air cavity	anisotropic						



TERMAL PERFORMANS DEĞERLERİ THERMAL PERFORMANCE VALUES

TERMAL HESAP KOŞULLARI

THERMAL CALCULATION CONDITIONS

DIŞ ORTAM SICAKLIĞI: 0°C

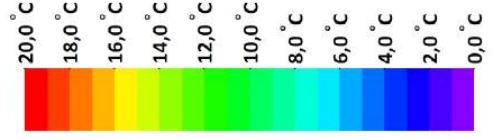
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İÇ ORTAM SICAKLIĞI: 20°C

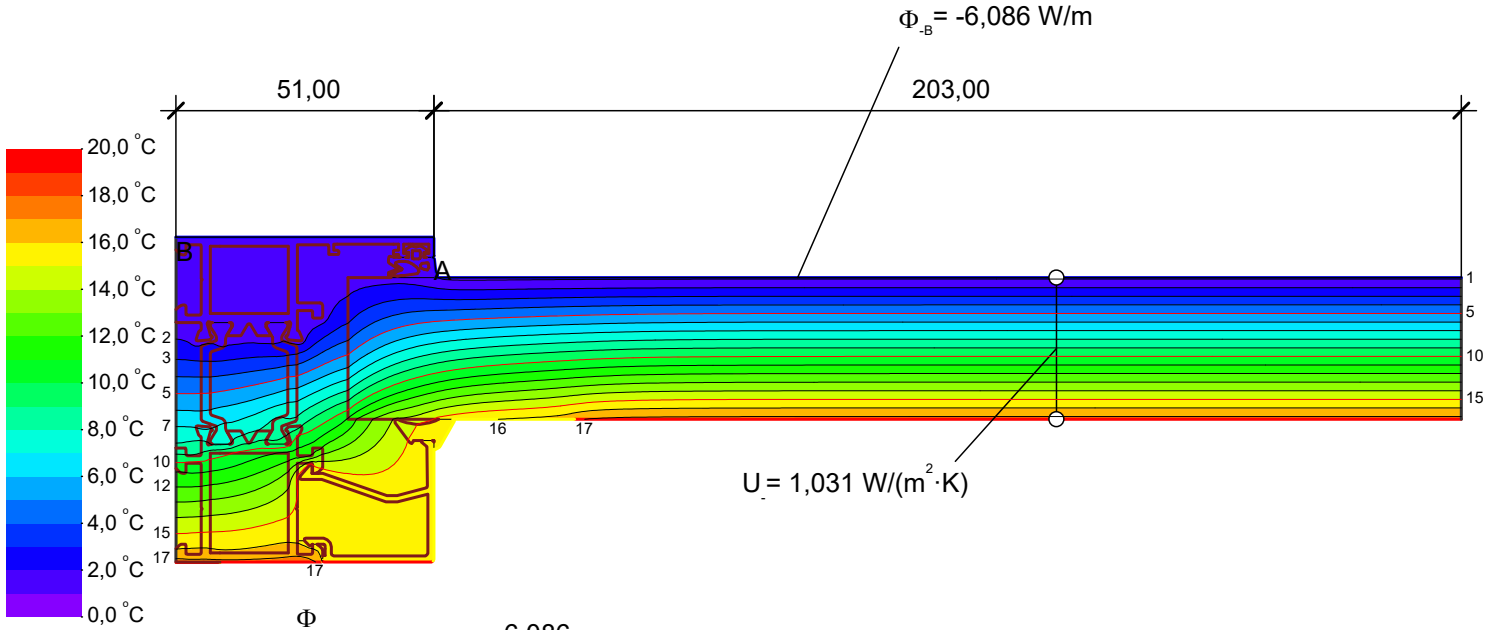
(ROOM TEMPERATURE)

BAĞIL NEM : %50

(RELATIVE HUMIDITY)



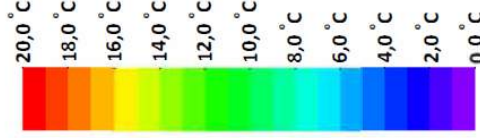
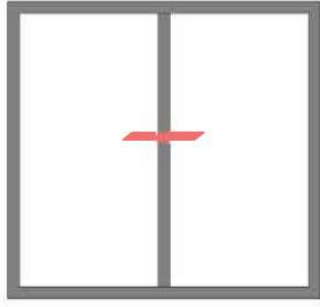
KESİT-3



$$U_{f,A,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{6,086}{20,000} - 1,031 \cdot 0,203}{0,051} = 1,86 \text{ W/(m}^2 \cdot \text{K)}$$

Material	λ [W/(m·K)]	ϵ	Boundary Condition	q [W/m²]	θ [°C]	R [(m²·K)/W]	ϵ
Aluminium (Si Alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame	0,000	0,040		
Panel	0,035	0,900	Interior, frame, normal	20,000	0,130		
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Interior, frame, reduced	20,000	0,200		
Unventilated air cavity	anisotropic		Symmetry/Model section	0,000			

TERMAL PERFORMANS DEĞERLERİ THERMAL PERFORMANCE VALUES



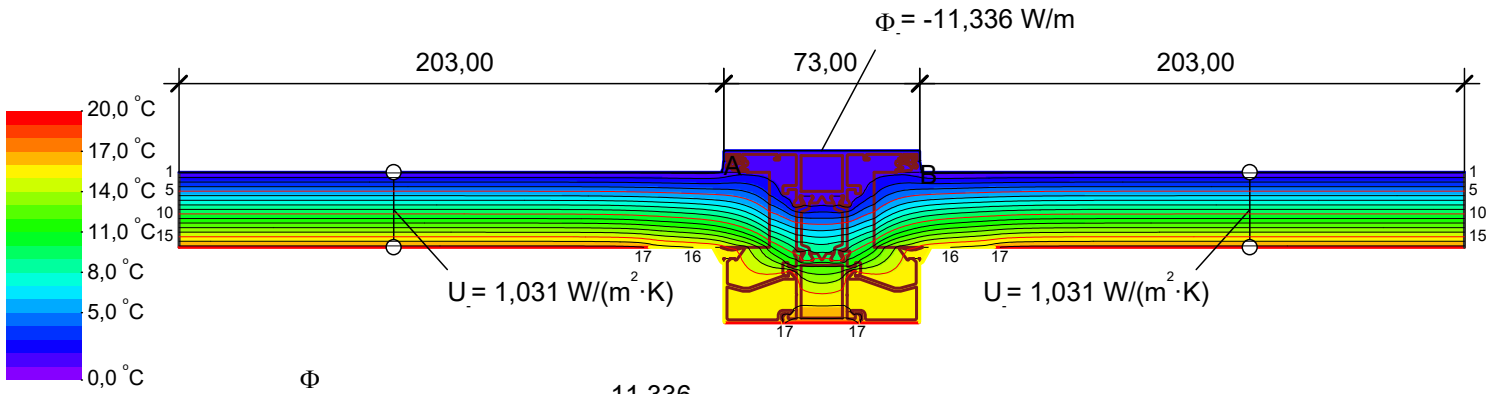
TERMAL HESAP KOŞULLARI!
THERMAL CALCULATION CONDITIONS

DIŞ ORTAM SICAKLIĞI: 0°C
(OUTER TEMPERATURE)

İÇ ORTAM SICAKLIĞI: 20°C
(ROOM TEMPERATURE)

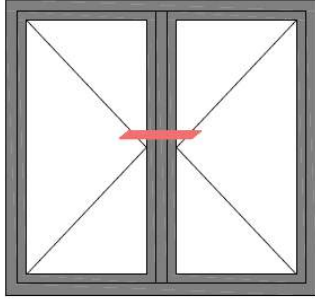
BAĞIL NEM: %50
(RELATIVE HUMIDITY)

KESİT-4



$$U_{f,A,B} = \frac{\frac{\Phi}{\Delta T} - U_{p1} \cdot b_{p1} - U_{p2} \cdot b_{p2}}{b_f} = \frac{\frac{11,336}{20,000} - 1,031 \cdot 0,203 - 1,031 \cdot 0,203}{0,073} = 2,03 \text{ W/(m}^2 \cdot \text{K)}$$

Material	λ [W/(m·K)]	ε	Boundary Condition	q [W/m²]	θ [°C]	R [(m²·K)/W]	ε
Aluminium (Si Alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame		0,000	0,040	
Panel	0,035	0,900	Interior, frame, normal		20,000	0,130	
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Interior, frame, reduced		20,000	0,200	
Unventilated air cavity	anisotropic		Symmetry/Model section	0,000			



TERMAL PERFORMANS DEĞERLERİ **THERMAL PERFORMANCE VALUES**

TERMAL HESAP KOŞULLARI

THERMAL CALCULATION CONDITIONS

DIŞ ORTAM SICAKLIĞI: 0°C

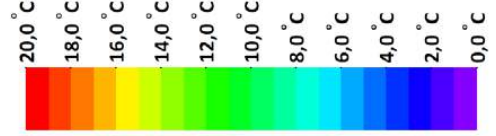
(OUTER TEMPERATURE)

İÇ ORTAM SICAKLIĞI: 20°C

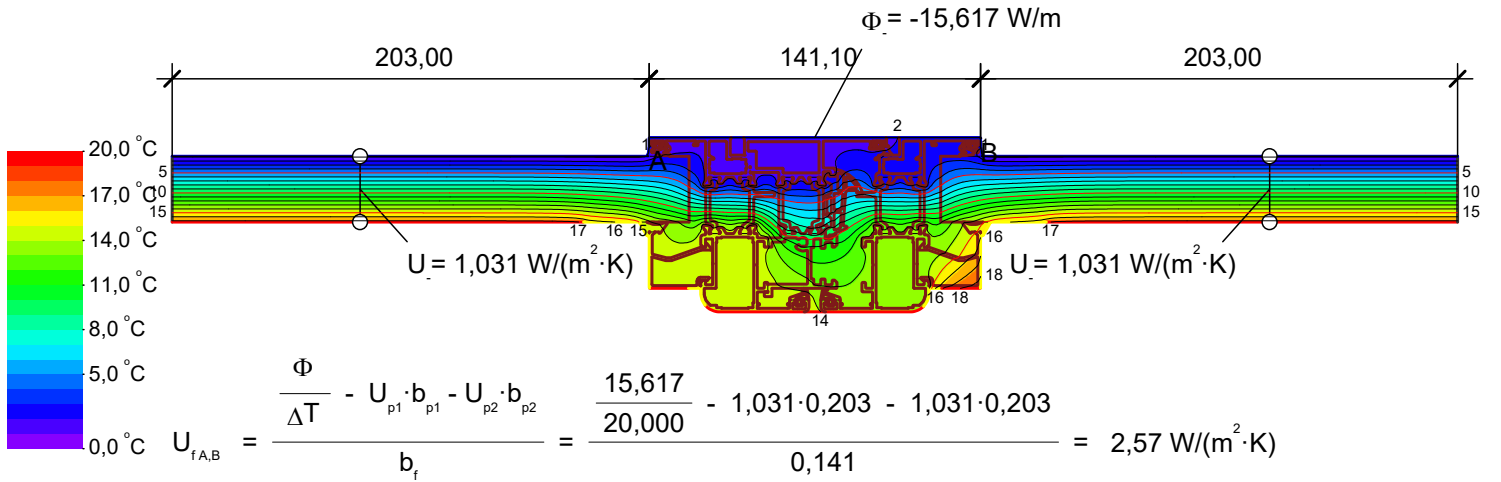
(ROOM TEMPERATURE)

BAĞIL NEM : %50

(RELATIVE HUMIDITY)



KESİT-5



$$U_{f,A,B} = \frac{\frac{\Phi}{\Delta T} - U_{p1} \cdot b_{p1} - U_{p2} \cdot b_{p2}}{b_f} = \frac{\frac{15,617}{20,000} - 1,031 \cdot 0,203 - 1,031 \cdot 0,203}{0,141} = 2,57 \text{ W/(m}^2 \cdot \text{K)}$$

Material	λ [W/(m·K)]	ε	Boundary Condition	q [W/m²]	θ [°C]	R [(m²·K)/W]	ε
Aluminium (Si Alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame	0,000	0,040		
Panel	0,035	0,900	Interior, frame, normal	20,000	0,130		
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Interior, frame, reduced	20,000	0,200		
Slightly ventilated air cavity	anisotropic		Symmetry/Model section	0,000			
Unventilated air cavity	anisotropic						



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DOOR & WINDOW SYSTEMS

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		ART-6401	Y-1802 Y-1801	Dar Kasa Profili 1.8 mm	1.359 kg/m	17.56	5.24
2		ART-6402	Y-1517 Y-1516	Dar Kasa Profili 1.5 mm	1.281 kg/m	16.40	5.08
3		ART-6403	Y-1804 Y-1803	Orta Kasa Profili 1.8 mm	1.514 kg/m	20.44	9.67
4		ART-6404	Y-1502 Y-1501	Orta Kasa Profili 1.5 mm	1.407 kg/m	18.90	9.27
5		ART-6405	Y-2001 Y-2002	Orta Kasa Profili 2.00 mm	1.607 kg/m	21.72	10.02
6		ART-6406	Y-1508 Y-1509	Geniş Kasa Profili 1.8 mm	1.897 kg/m	27.85	26.00
7		ART-6407	Y-1804 Y-1805	Z Kasa Profili 1.8 mm	1.607 kg/m	25.08	11.65
8		ART-6408	Y-1519 Y-1518	Dar Kanat Profili 1.5 mm	1.394 kg/m	25.65	5.20
9		ART-6409	Y-1808 Y-1807	Orta Kanat Profili 1.8 mm	1.674 kg/m	31.85	10.00
10		ART-6410	Y-2003 Y-2004	Orta Kanat Profili 2.0 mm	1.79 kg/m	33.57	10.59
11		ART-6434	Y-1808 Y-1827	Hem yüz Orta Kanat Profili 1.8 mm	1.75 kg/m	30.0	10.3
12		ART-6411	Y-1810 Y-1809	Geniş Kanat Profili 1.8 mm	2.063 kg/m	43.50	26.15
13		ART-6412	Y-2005 Y-2006	Geniş Kanat Profili 2.0 mm	2.24 kg/m	45.98	28.37
14		ART-6413	Y-1812 Y-1811	Dışa Açılır Kanat Profili 1.8 mm	2.121 kg/m	38.25	34.80
15		ART-6414	Y-2007 Y-2008	Dışa Açılır Kanat Profili 2.0 mm	2.285 kg/m	41.01	36.53
16		ART-6415	Y-1814 Y-1813	PVC Kanallı Dar Kanat Profili 1.8 mm	1.716 kg/m	32.20	9.82
17		ART-6416	Y-2003 Y-2009	PVC Kanallı Dar Kanat Profili 2.0 mm	1.82 kg/m	34.07	10.27
18		ART-6417	Y-1810 Y-1815	PVC Kanallı Geniş Kanat Profili 1.8 mm	2.105 kg/m	44.00	26.20
19		ART-6418	Y-2005 Y-2010	PVC Kanallı Geniş Kanat Profili 2.0 mm	2.25 kg/m	46.59	27.90





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		ART-6419	Y-1520 Y-1516	Dar Orta Kayıt & Kasa Profili 1.5 mm	1.382 kg/m	26.60	16.80
21		ART-6420	Y-1522 Y-1521	Dar Orta Kayıt & Kasa Profili 1.5 mm	1.559 kg/m	20.56	9.00
22		ART-6421	Y-1816 Y-1803	Orta Kayıt & Kasa Profili 1.8 mm	1.614 kg/m	22.06	14.50
23		ART-6422	Y-2011 Y-2012	Orta Kayıt & Kasa Profili 2.0 mm	1.88 kg/m	25.58	15.41
24		ART-6423	Y-1817 Y-1803	Takviyeli Orta Kayıt Profili 1.8 mm	2.407 kg/m	111.63	22.22
25		ART-6424	Y-1818 Y-1803	Takviyeli Orta Kayıt Profili 1.8 mm	2.563 kg/m	90.00	27.50
26		ART-6425	Y-2013 Y-2014	Orta Kayıt Profili 2.0 mm	2.002 kg/m	23.94	15.05
27		ART-6426	Y-2015 Y-2016	Dar Orta Kayıt Profili 2.0 mm	1.6 kg/m	20.78	9.01
28		ART-6427	Y-2017 Y-2018	Eşik Profili 2.0 mm	1.057 kg/m	0.8	18.61
29		ART-6428	Y-1512 Y-1513	Etek Profili 1.8 mm	1.987 kg/m	25.40	43.80
30		ART-6429	Y-1819 Y-1820	Etek Profili 1.8 mm	2.377 kg/m	54.75	47.75
31		ART-6430	Y-1821 Y-1822	Kasa Adaptörü Profili 1.8 mm	1.175 kg/m	14.10	4.00
32		ART-6431	Y-1505 Y-1506	Kanat Adaptörü Profili 1.8 mm	1.407 kg/m	18.30	7.45
33		ART-6432	Y-1824 Y-1825	Köşe Profili 1.8 mm	1.274 kg/m	11.76	20.00
34		ART-6433	Y-1301 Y-1524	Köşe Profili 1.5 mm	1.35 kg/m	24.64	26.05
35		ART-6434	Y-1808 Y-1827	Orta Kanat Profili 1.8 mm	1.75 kg/m	30.0	10.3
36		RO-001	SO-001	Tij Profili	0.09 kg/m	---	---
37		RO-002	SO-002	Damlalık Profili	0.17 kg/m	---	---
38		RO-005	SO-005	Eşik Fitol Damlalık Profili	0.32 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		RO-006	SO-006	Köşe Çita Profili	0.17 kg/m	---	---
40		RO-007	SO-007	Köşe Çita Profili	0.23 kg/m	---	---
41		R64-001	S64-001	Cam Altı Destek Profili	0.37 kg/m	---	---
42		RC2212	SC-001	Cam Çita Profili 12mm	0.230 kg/m	---	---
43		RC2216	SC-002	Cam Çita Profili 16mm	0.246 kg/m	---	---
44		RC2220	SC-003	Cam Çita Profili 20mm	0.249 kg/m	---	---
45		RC2222	SC-004	Cam Çita Profili 22mm	0.254 kg/m	---	---
46		RC2226	SC-005	Cam Çita Profili 26mm	0.268 kg/m	---	---
47		RC2230	SC-006	Cam Çita Profili 30mm	0.281 kg/m	---	---
48		RC2208	SC-007	Cam Çita Profili 8mm	0.227 kg/m	---	---
49		RC2210	SC-008	Cam Çita Profili 10mm	0.235 kg/m	---	---
50		RC2214	SC-009	Cam Çita Profili 14mm	0.238 kg/m	---	---
51		RC2218	SC-010	Cam Çita Profili 18mm	0.241 kg/m	---	---
52		RC2224	SC-011	Cam Çita Profili 24mm	0.262 kg/m	---	---
53		RC2228	SC-012	Cam Çita Profili 28mm	0.276 kg/m	---	---
54		RC2232	SC-013	Cam Çita Profili 32mm	0.289 kg/m	---	---
55		RC2234	SC-014	Cam Çita Profili 34mm	0.295 kg/m	---	---
56		RC2236	SC-015	Cam Çita Profili 36mm	0.303 kg/m	---	---
57		RC2238	SC-016	Cam Çita Profili 38mm	0.311 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)
58		RKT240	ST-001	Köşe Takoz Profili 24mm	3.10 kg/m	79.30	32.70
59		RKT440	ST-002	Köşe Takoz Profili 44mm	5.31 kg/m	101.1	63.80
60		RKT165	ST-003	Köşe Takoz Profili 16.5mm	2.04 kg/m	33.80	12.40
61		RKT150	ST-004	Köşe Takoz Profili 15mm	2.01 kg/m	34.00	11.70
62		RKT365	ST-005	Köşe Takoz Profili 36.5mm	3.40 kg/m	75.30	46.40
63		RO130	SO-003	Orta Kayıt Bağlantı Profili	0.64 kg/m	---	---
64		RO194	SO-004	Orta Kayıt Bağlantı Profili	0.75 kg/m	---	---

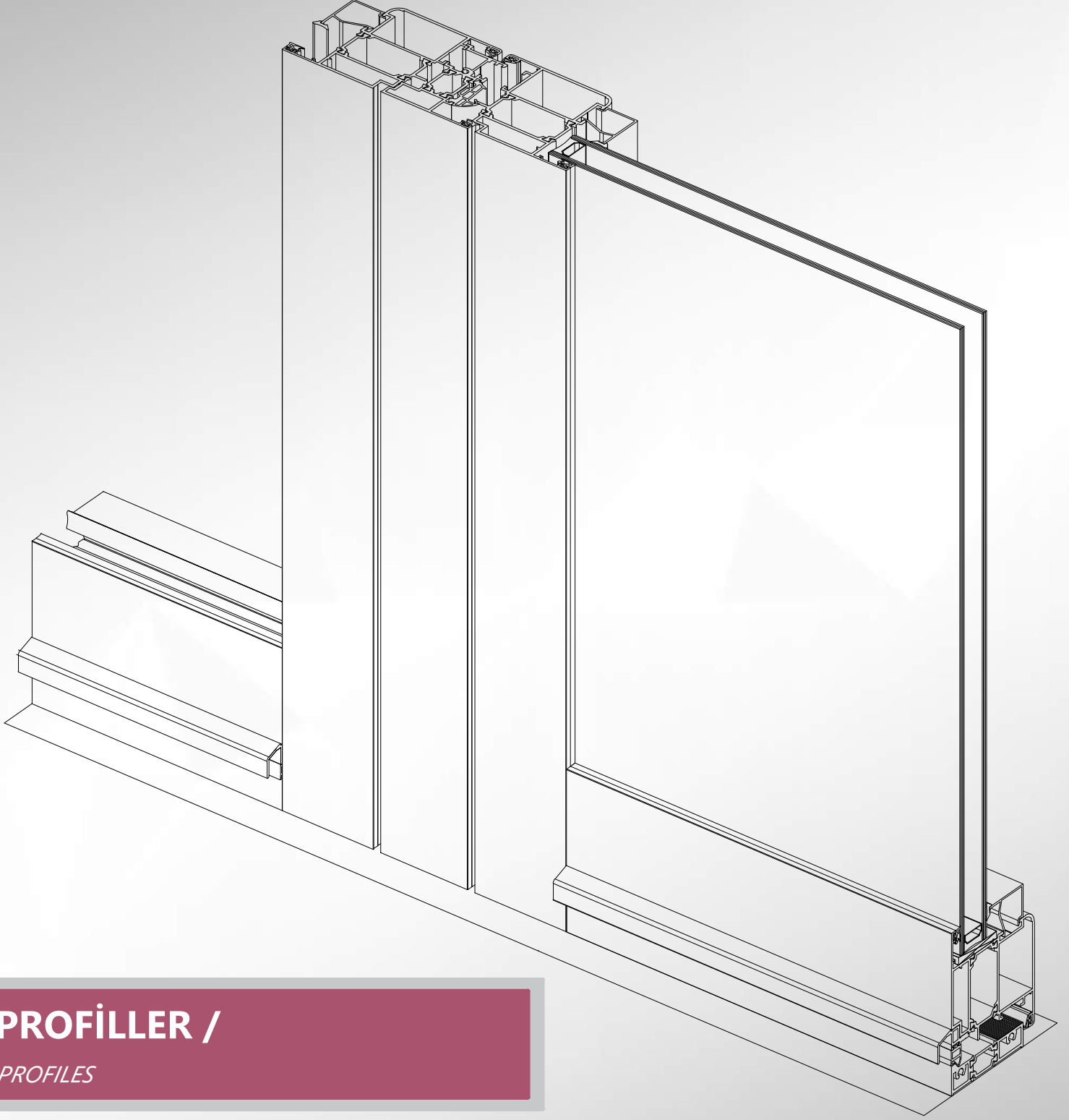




ROUTE
SYSTEMS

ART-64

DOOR & WINDOW SYSTEMS



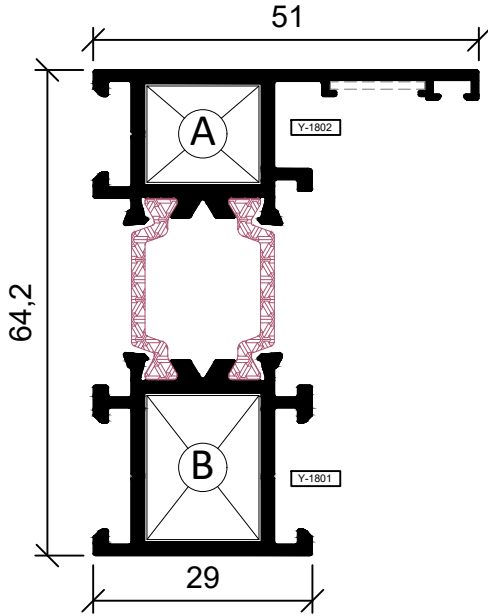
PROFİLLER /
PROFILES



Almin®
Alüminyum Profil

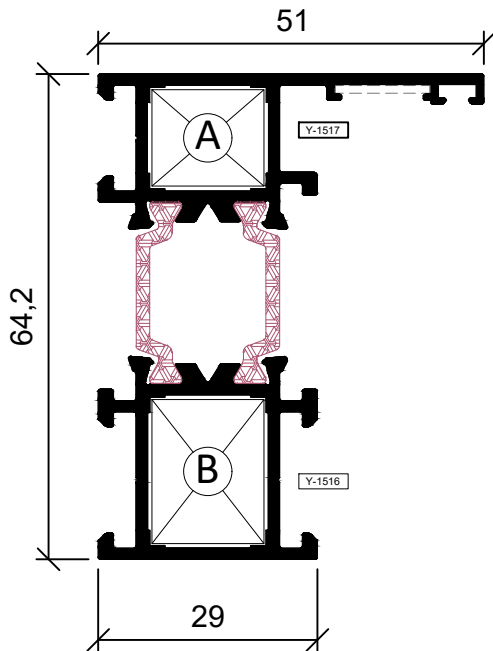
TESCİLLİ MARKASIDIR.

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Kod	ART-6401
Ağırlık	1.36 Kg/m
Jx	17.56 cm ⁴
Jy	5.24 cm ⁴
Et Kalınlık	1.8 mm

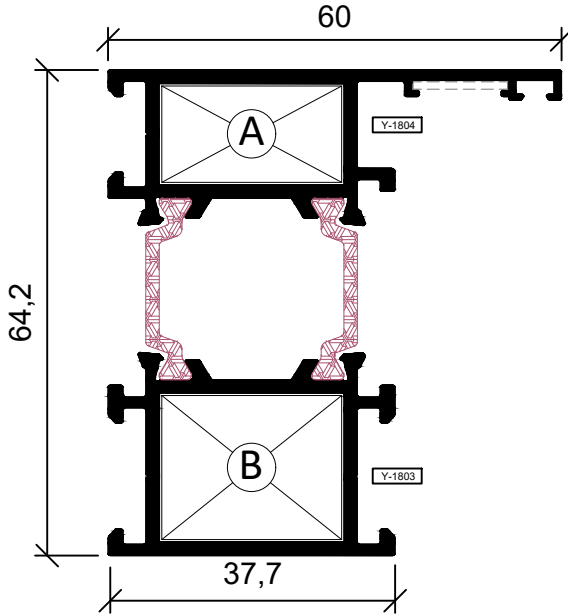
Profil Kodu	RKT150	
Parça Kodu	(A) 150KT130	(B) 150KT193
Kesim Ölçüsü	13,0 mm	19,3 mm



Kod	ART-6402
Ağırlık	1.28 Kg/m
Jx	16.40 cm ⁴
Jy	5.08 cm ⁴
Et Kalınlık	1.5 mm

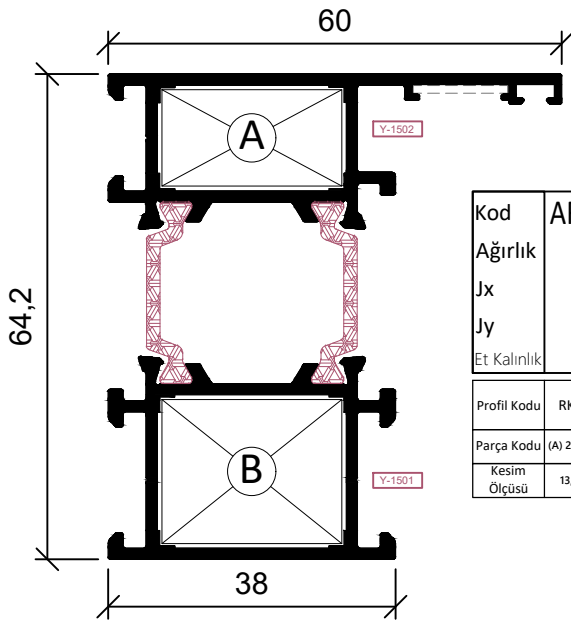
Profil Kodu	RKT150	
Parça Kodu	(A) 150KT130	(B) 150KT193
Kesim Ölçüsü	13,0 mm	19,3 mm





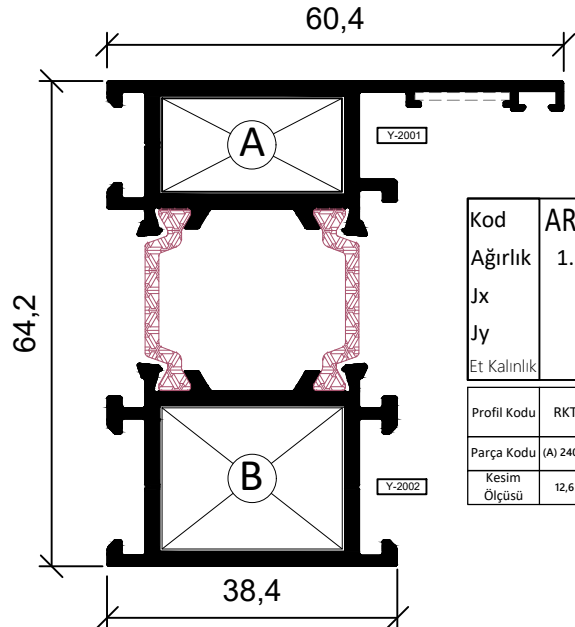
Kod	ART-6403
Ağırlık	1.515 Kg/m
Jx	20.44 cm ⁴
Jy	9.67 cm ⁴
Et Kalınlık	1.8 mm

Profil Kodu	RKT240
Parça Kodu	(A) 240KT130 (B) 240KT193
Kesim Ölçüsü	13,0 mm 19,3 mm



Kod	ART-6404
Ağırlık	1.41 Kg/m
Jx	18.90 cm ⁴
Jy	9.27 cm ⁴
Et Kalınlık	1.5 mm

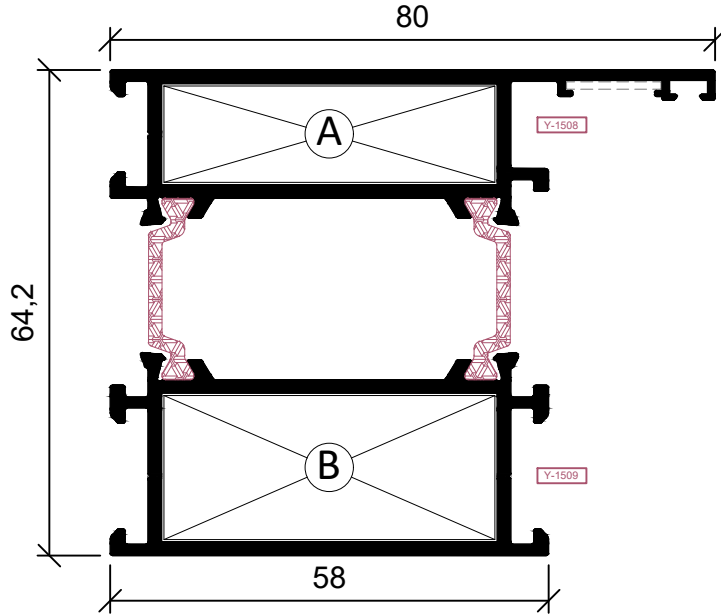
Profil Kodu	RKT240
Parça Kodu	(A) 240KT130 (B) 240KT193
Kesim Ölçüsü	13,0 mm 19,3 mm



Kod	ART-6405
Ağırlık	1.613 Kg/m
Jx	20.8 cm ⁴
Jy	10.3 cm ⁴
Et Kalınlık	2.0 mm

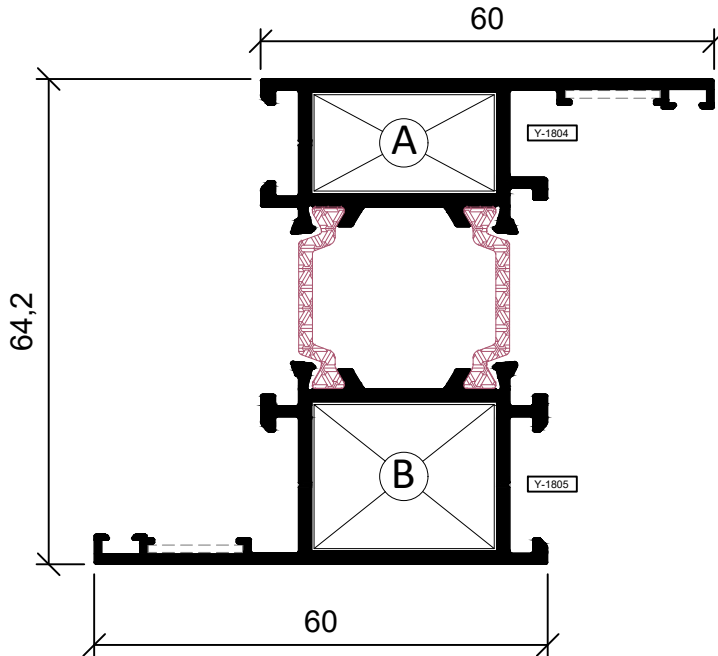
Profil Kodu	RKT240
Parça Kodu	(A) 240KT126 (B) 240KT189
Kesim Ölçüsü	12,6 mm 18,9mm





Kod	ART-6406
Ağırlık	1.905 Kg/m
Jx	27.85 cm ⁴
Jy	26.00 cm ⁴
Et Kalınlık	1.8 mm

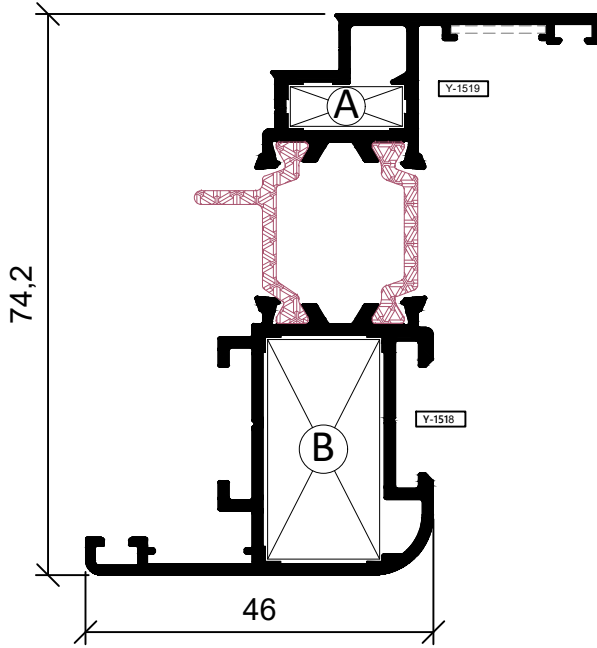
Profil Kodu	RKT440	
Parça Kodu	(A) 440KT130 (B) 440KT193	
Kesim Ölçüsü	13,0 mm	19,3 mm



Kod	ART-6407
Ağırlık	1.62 Kg/m
Jx	25.08 cm ⁴
Jy	11.65 cm ⁴
Et Kalınlık	1.8 mm

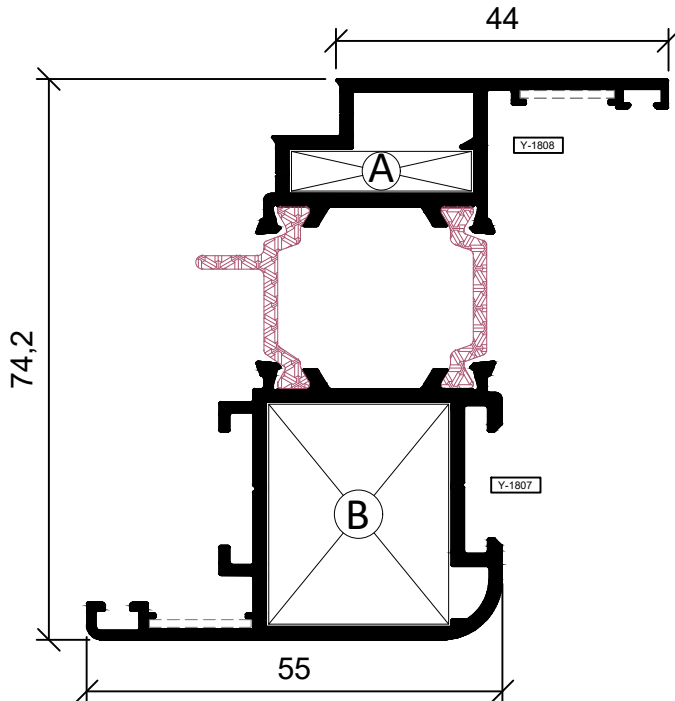
Profil Kodu	RKT240	
Parça Kodu	(A) 240KT130 (B) 240KT193	
Kesim Ölçüsü	13,0 mm	19,3 mm





Kod	ART-6408
Ağırlık	1.407 Kg/m
Jx	25.65 cm ⁴
Jy	5.2 cm ⁴
Et Kalınlık	1.5 mm

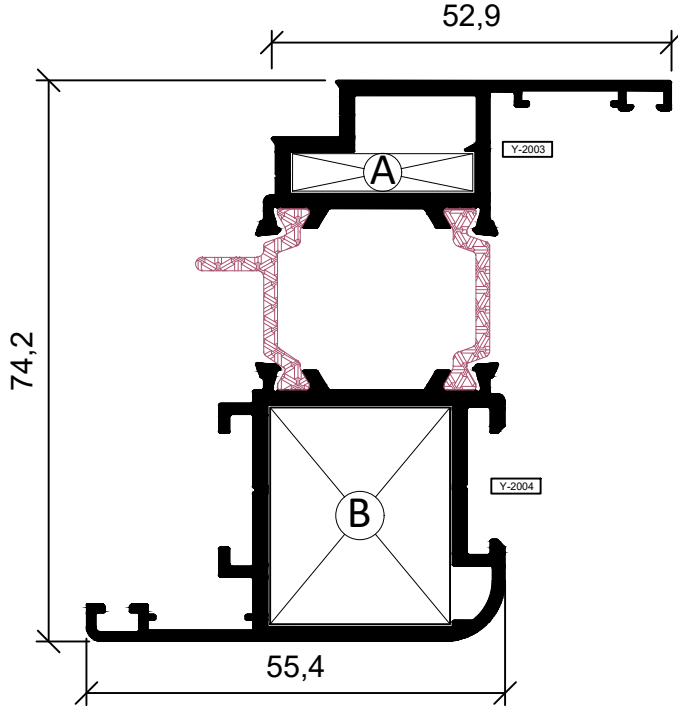
Profil Kodu	RKT150	
Parça Kodu	(A) 150KT54	(B) 150KT293
Kesim Ölçüsü	5,4 mm	29,3 mm



Kod	ART-6409
Ağırlık	1.68 Kg/m
Jx	31.85 cm ⁴
Jy	10.0 cm ⁴
Et Kalınlık	1.8 mm

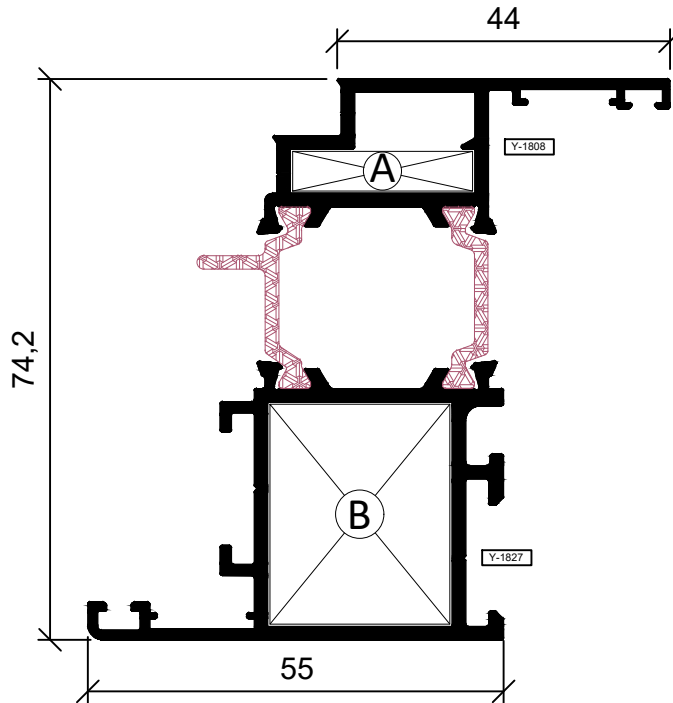
Profil Kodu	RKT240	
Parça Kodu	(A) 240KT54	(B) 240KT293
Kesim Ölçüsü	5,4 mm	29,3 mm





Kod	ART-6410
Ağırlık	1.774 Kg/m
Jx	31.2 cm ⁴
Jy	10.6 cm ⁴
Et Kalınlık	2.0 mm

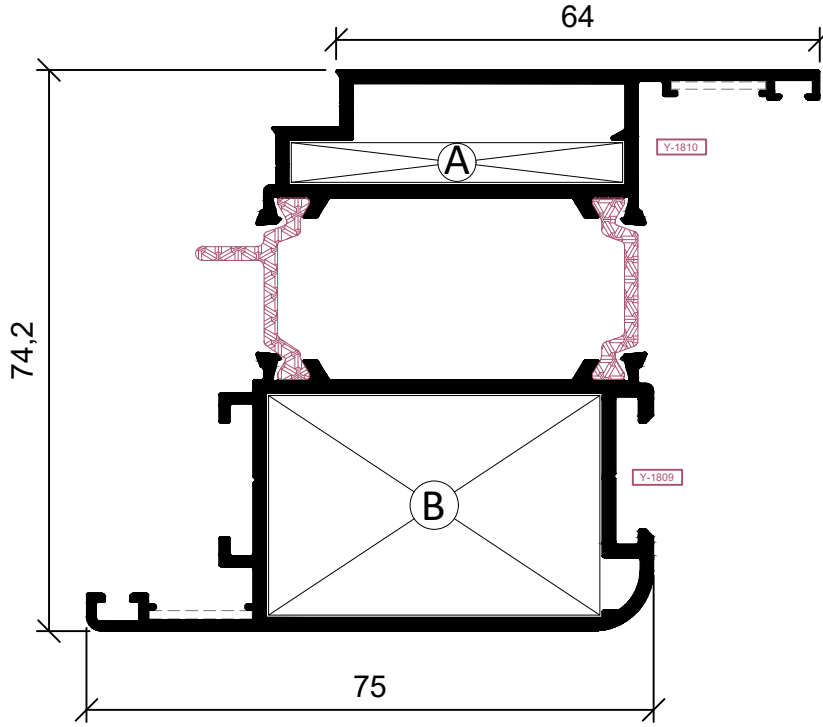
Profil Kodu	RKT240	
Parça Kodu	(A) 240KT54	(B) 240KT293
Kesim Ölçüsü	5,4 mm	29,3 mm



Kod	ART-6434
Ağırlık	1.75 Kg/m
Jx	30.0 cm ⁴
Jy	10.3 cm ⁴
Et Kalınlık	1.8 mm

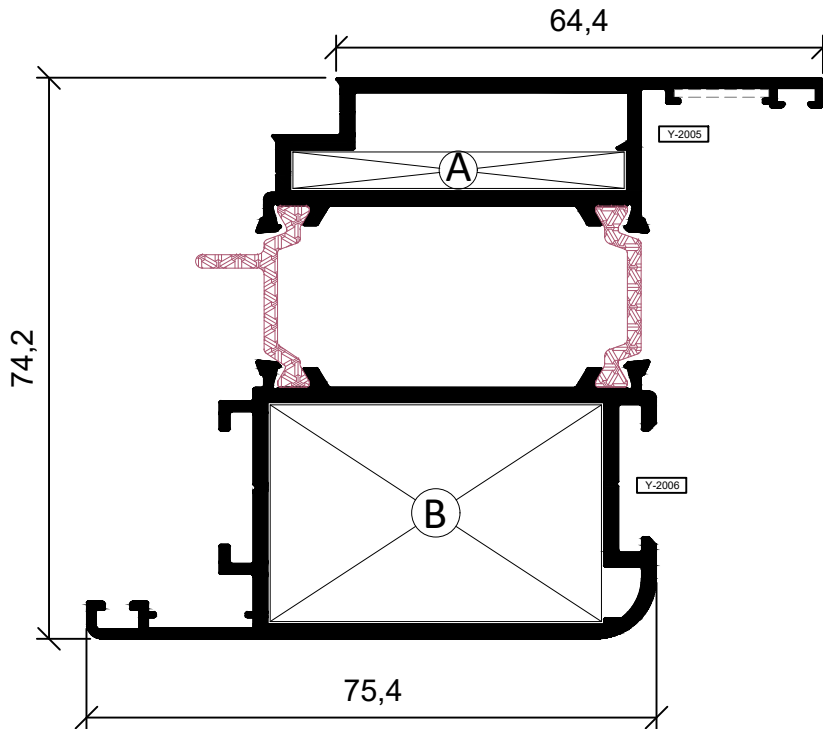
Profil Kodu	RKT240	
Parça Kodu	(A) 240KT54	(B) 240KT293
Kesim Ölçüsü	5,4 mm	29,3 mm





Kod	ART-6411
Ağırlık	2.074 Kg/m
Jx	43.5 cm ⁴
Jy	26.15 cm ⁴
Et Kalınlık	1.8 mm

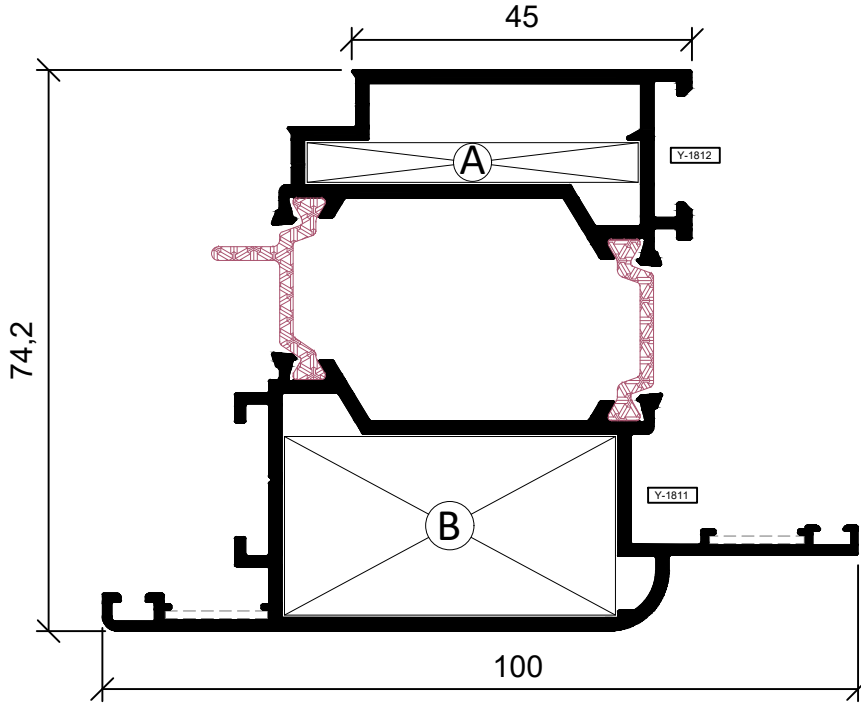
Profil Kodu	RKT440	
Parça Kodu	(A) 440KT54	(B) 440KT293
Kesim Ölçüsü	5,4 mm	29,3 mm



Kod	ART-6412
Ağırlık	2.22 Kg/m
Jx	43.0 cm ⁴
Jy	28.8 cm ⁴
Et Kalınlık	2.0 mm

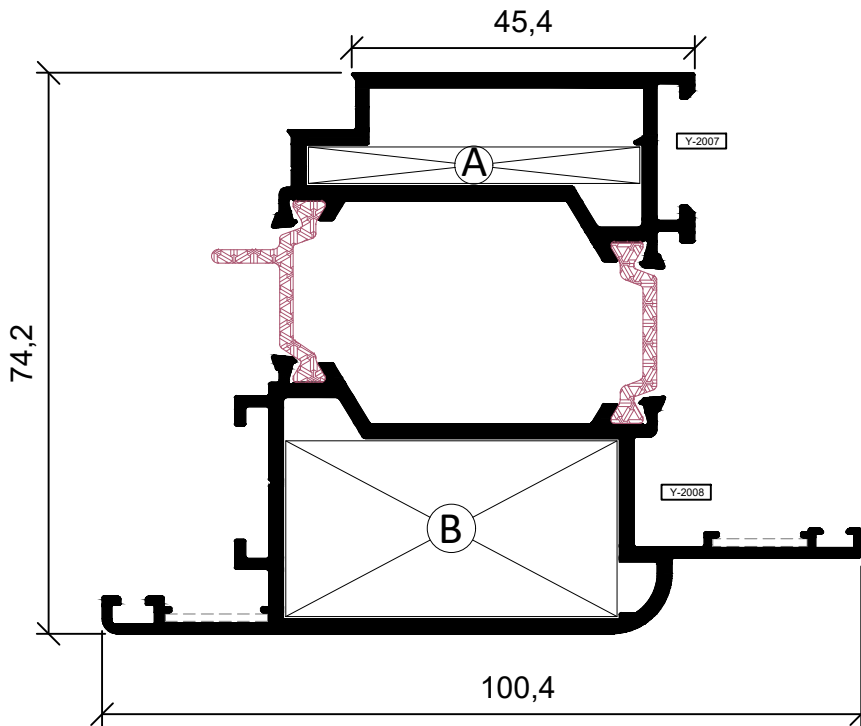
Profil Kodu	RKT440	
Parça Kodu	(A) 440KT50	(B) 440KT289
Kesim Ölçüsü	5,0 mm	28,9 mm





Kod	ART-6413
Ağırlık	2.13 Kg/m
Jx	38.25 cm ⁴
Jy	34.8 cm ⁴
Et Kalınlık	1.8 mm

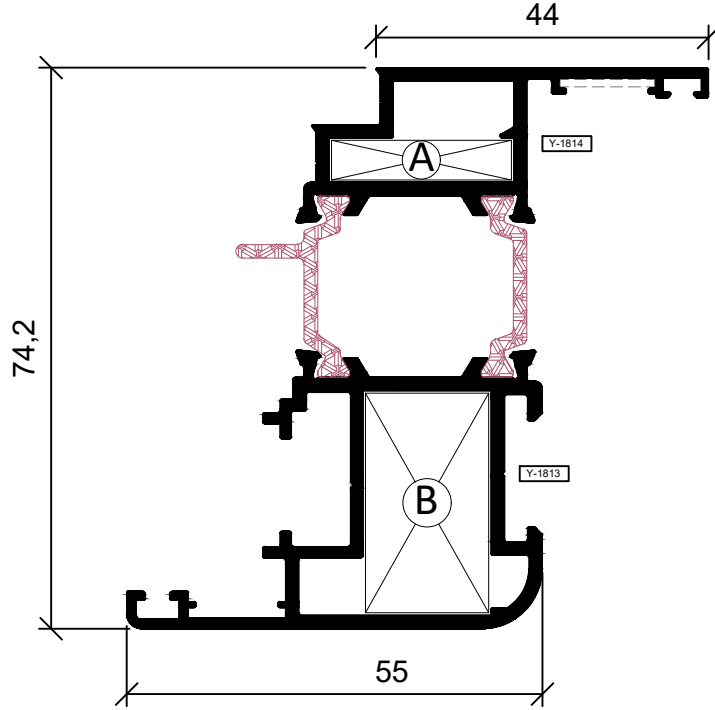
Profil Kodu	RKT440 	
Parça Kodu	(A) 440KT54	(B) 440KT238
Kesim Ölçüsü	5,4 mm	23,8 mm



Kod	ART-6414
Ağırlık	2.275 Kg/m
Jx	41.0 cm ⁴
Jy	36.55 cm ⁴
Et Kalınlık	2.0 mm

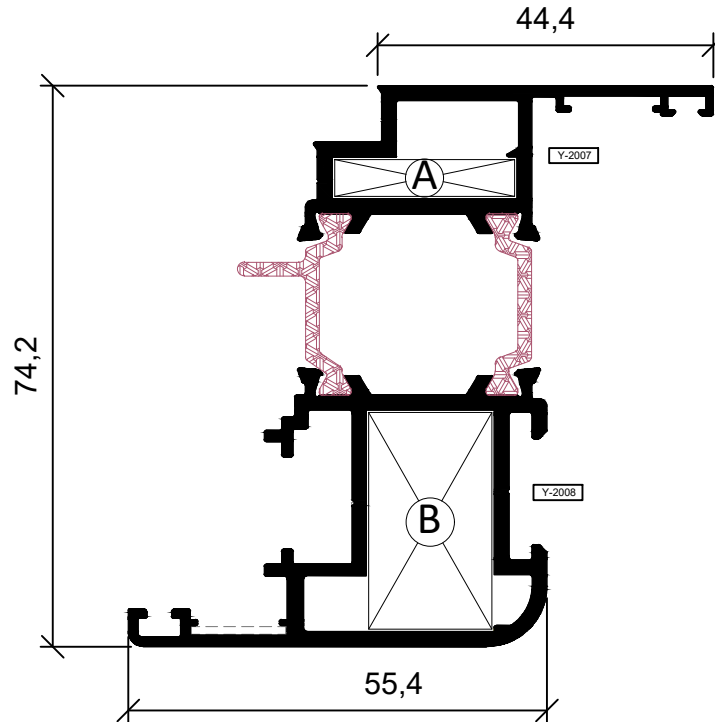
Profil Kodu	RKT440	
Parça Kodu	(A) 440KT50	(B) 440KT234
Kesim Ölçüsü	5,0 mm	23,4 mm





Kod	ART-6415
Ağırlık	1.725 Kg/m
Jx	32.2 cm ⁴
Jy	9.82 cm ⁴
Et Kalınlık	1.8 mm

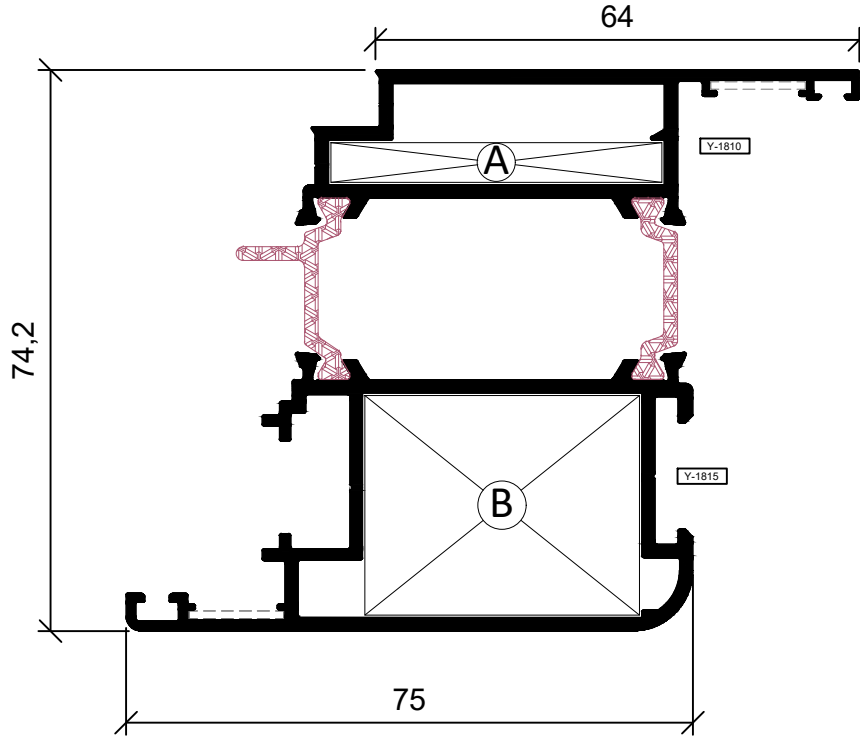
Profil Kodu	RKT240
Parça Kodu	(A) 240KT54
Kesim Ölçüsü	5,4 mm
Profil Kodu	RKT165
Parça Kodu	(B) 165KT293
Kesim Ölçüsü	29,3 mm



Kod	ART-6416
Ağırlık	1.824 Kg/m
Jx	31.85 cm ⁴
Jy	10.5 cm ⁴
Et Kalınlık	2.0 mm

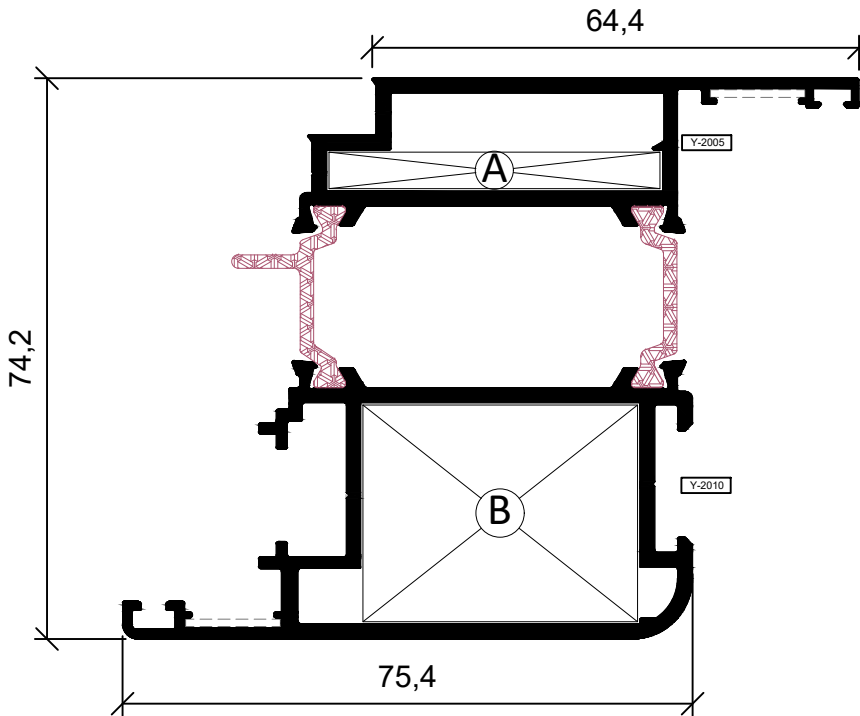
Profil Kodu	RKT240
Parça Kodu	(A) 240KT50
Kesim Ölçüsü	5,0 mm
Profil Kodu	RKT165
Parça Kodu	(B) 165KT289
Kesim Ölçüsü	28,9 mm





Kod	ART-6417
Ağırlık	2.11 Kg/m
Jx	44.0 cm ⁴
Jy	26.2 cm ⁴
Et Kalınlık	1.8 mm

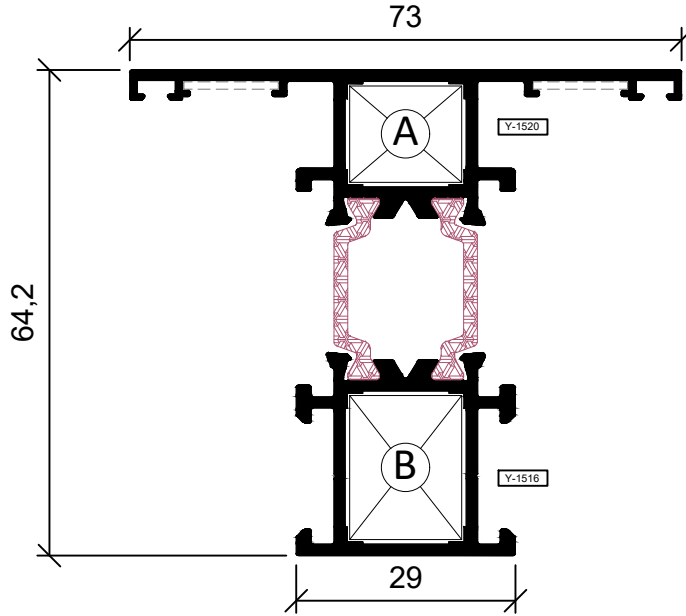
Profil Kodu	RKT440	
Parça Kodu	(A) 440KT54	
Kesim Ölçüsü	5,4 mm	
Profil Kodu	RKT365	
Parça Kodu	(B) 365KT293	
Kesim Ölçüsü	29,3 mm	



Kod	ART-6418
Ağırlık	2.26 Kg/m
Jx	43.5 cm ⁴
Jy	28.4 cm ⁴
Et Kalınlık	2.0 mm

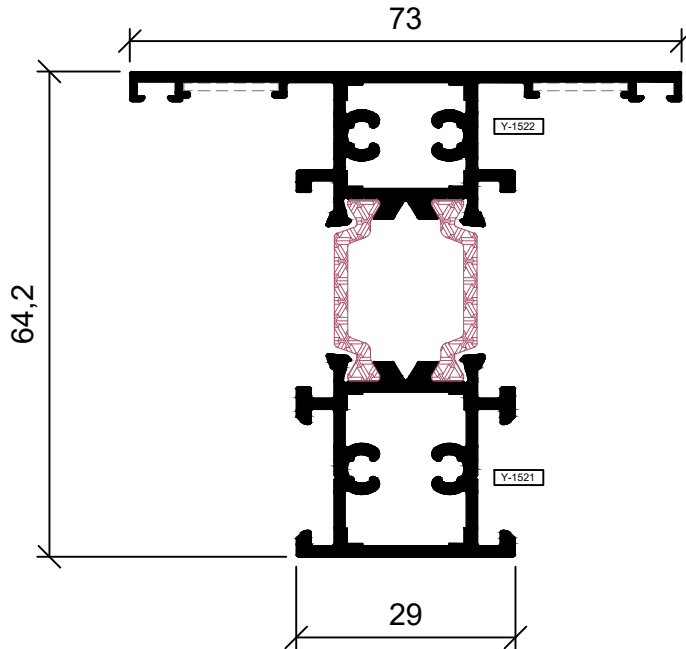
Profil Kodu	RKT440	
Parça Kodu	(A) 440KT50	
Kesim Ölçüsü	5,0 mm	
Profil Kodu	RKT365	
Parça Kodu	(B) 365KT289	
Kesim Ölçüsü	28,9 mm	





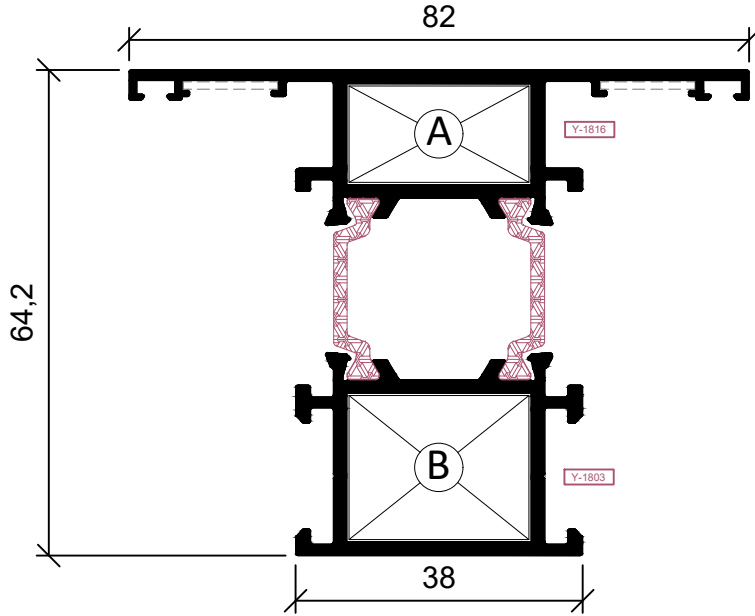
Kod	ART-6419
Ağırlık	1.38 Kg/m
Jx	26.6 cm ⁴
Jy	16.8 cm ⁴
Et Kalınlık	1.5 mm

Profil Kodu	RKT150	
Parça Kodu	(A) 150KT130	(B) 150KT193
Keşim Ölçüsü	13,0 mm	19,3 mm



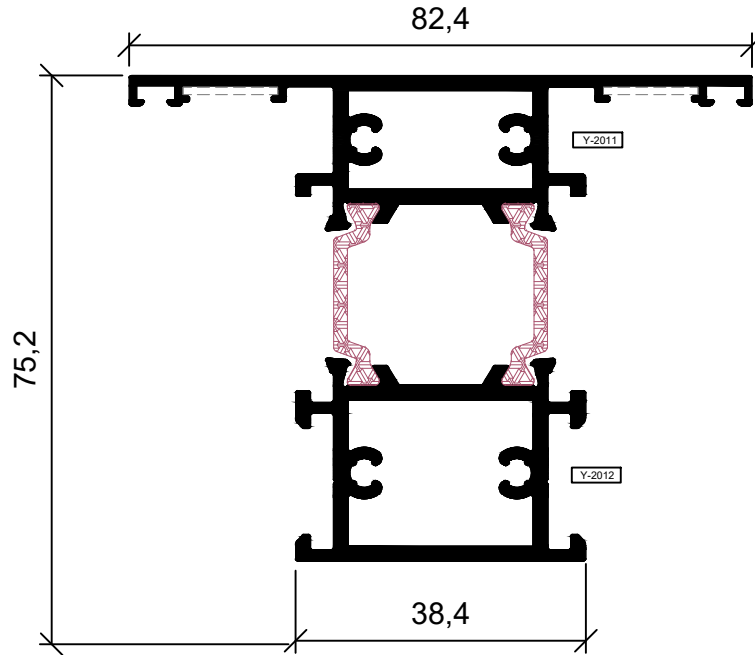
Kod	ART-6420
Ağırlık	1.56 Kg/m
Jx	20.56 cm ⁴
Jy	9.0 cm ⁴
Et Kalınlık	1.5 mm





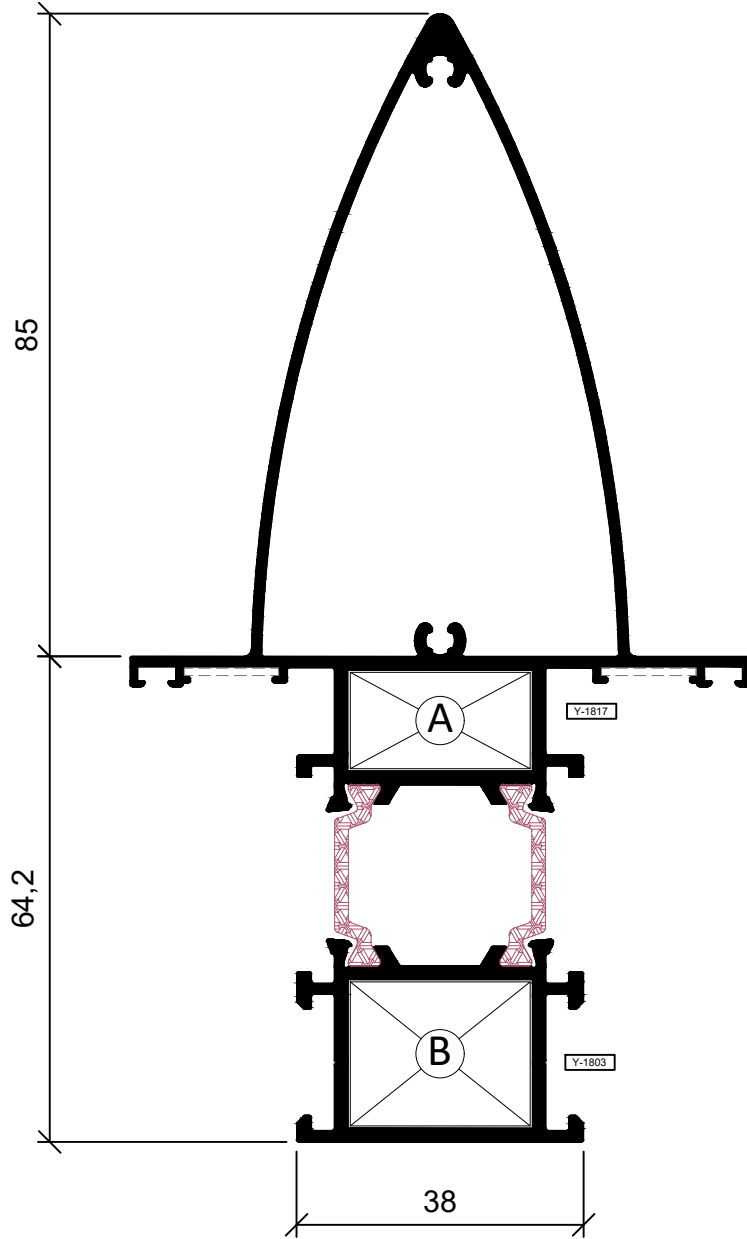
Kod	ART-6421
Ağırlık	1.61 Kg/m
Jx	22.06 cm ⁴
Jy	14.5 cm ⁴
Et Kalınlık	1.8 mm

Profil Kodu	RKT240	
Parça Kodu	(A) 240KT130	(B) 240KT193
Kesim Ölçüsü	13,0 mm	19,3 mm



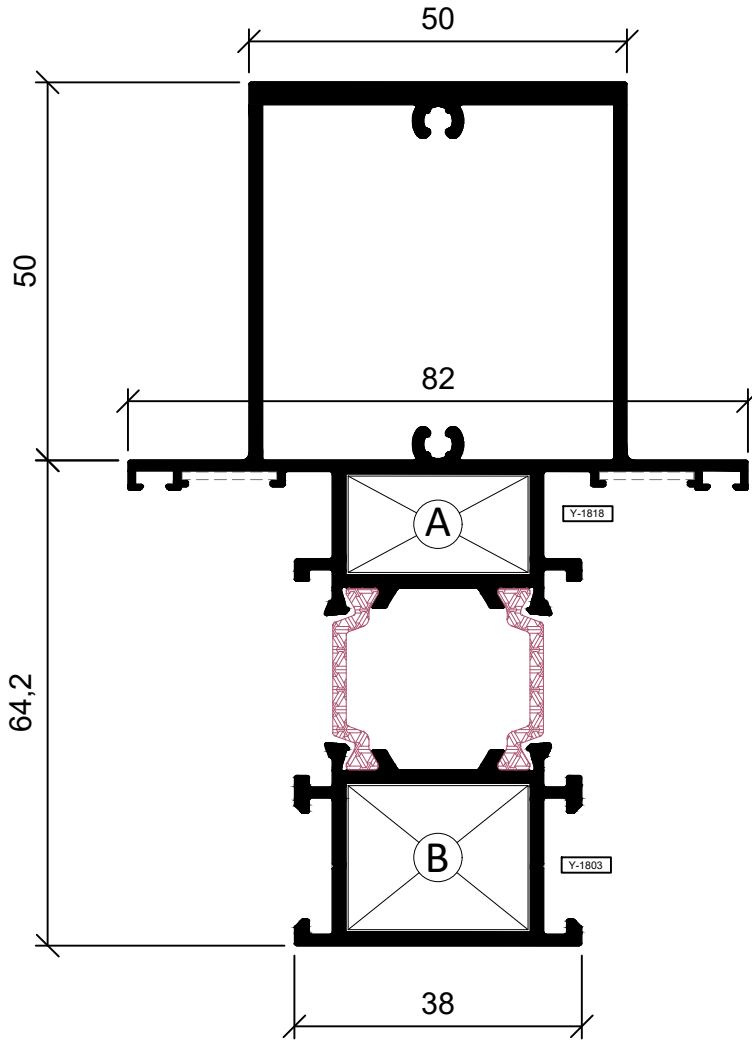
Kod	ART-6422
Ağırlık	301.2 Kg/m
Jx	24.2 cm ⁴
Jy	15.8 cm ⁴
Et Kalınlık	2.0 mm





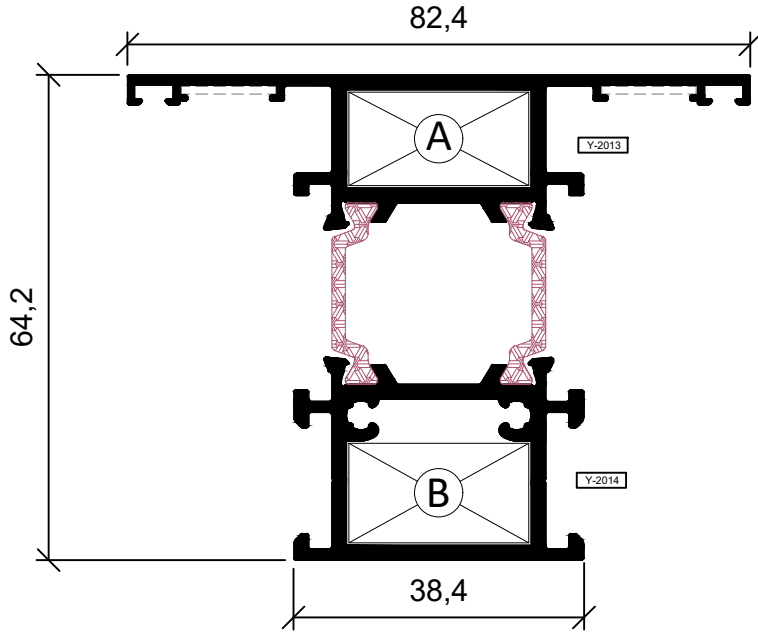
Kod	ART-6423	
Ağırlık	2.41 Kg/m	
Jx	111.63	cm ⁴
Jy	22.22	cm ⁴
Et Kalınlık	1.8	mm
Profil Kodu	RKT240	
Parça Kodu	(A) 240KT130	(B) 240KT193
Kesim Ölçüsü	13,0 mm	19,3 mm



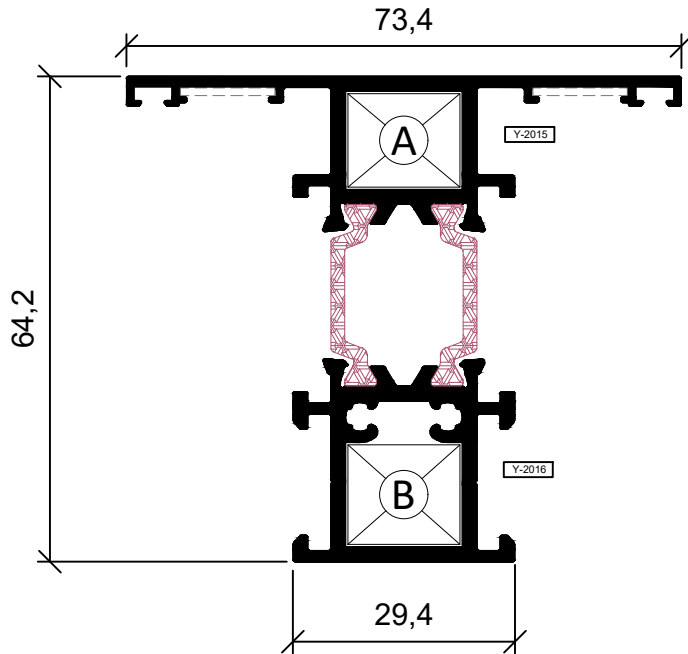


Kod	ART-6424
Ağırlık	2.56 Kg/m
Jx	90.0 cm ⁴
Jy	27.5 cm ⁴
Et Kalınlık	1.8 mm
Profil Kodu	RKT240 
Parma Kodu	(A) 240KT130 (B) 240KT193
Kesim Ölçüsü	13,0 mm 19,3 mm



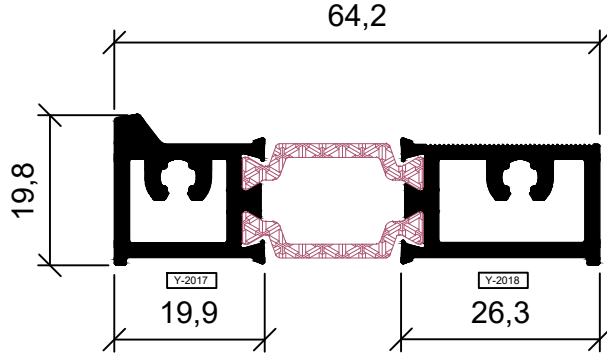


Kod	ART-6425
Ağırlık	1.75 Kg/m
Jx	22.5 cm ⁴
Jy	15.4 cm ⁴
Et Kalınlık	2.0 mm
Profil Kodu	RKT240
Parça Kodu	240KT126 240KT133
Kesim Ölçüsü	12,6 mm 13,3 mm

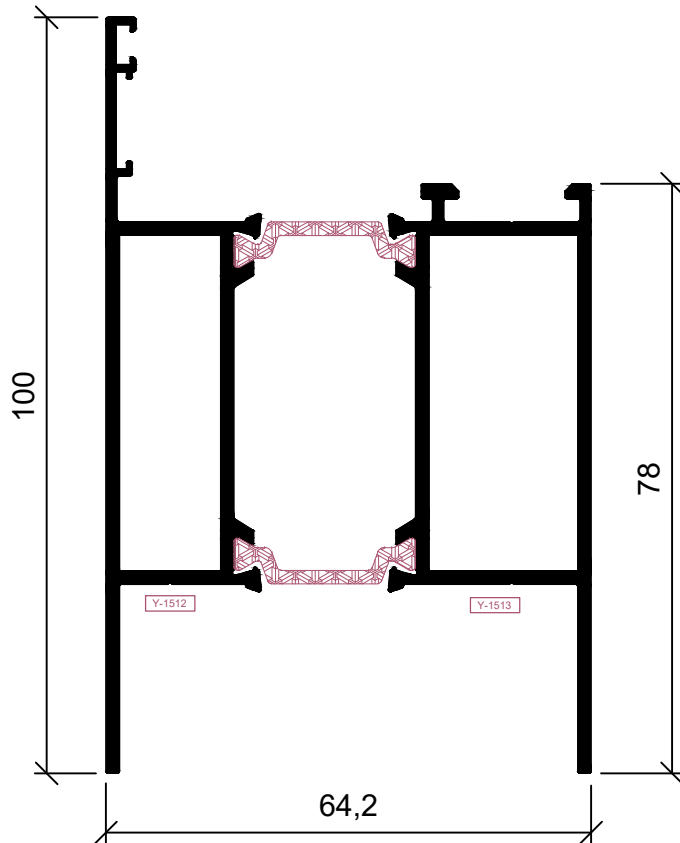


Kod	ART-6426
Ağırlık	1.57 Kg/m
Jx	19.6 cm ⁴
Jy	92.5 cm ⁴
Et Kalınlık	2.0 mm
Profil Kodu	RKT150
Parça Kodu	150KT126 150KT133
Kesim Ölçüsü	12,6 mm 13,3mm



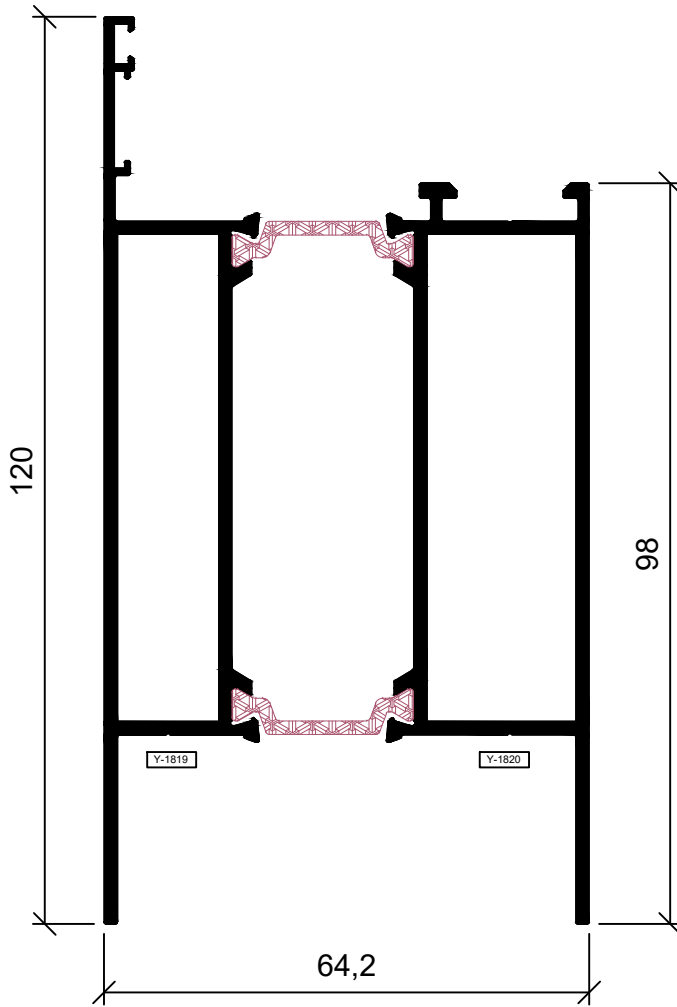


Kod	ART-6427
Ağırlık	1.13 Kg/m
Jx	1.06 cm ⁴
Jy	12.7 cm ⁴
Et Kalınlık	2.0 mm



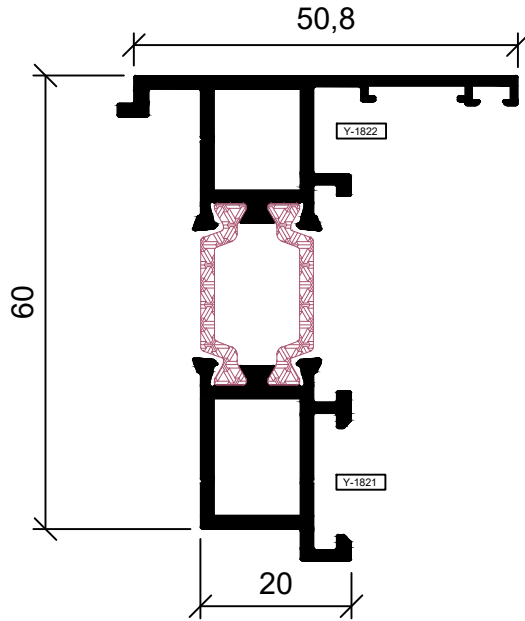
Kod	ART-6428
Ağırlık	1.982 Kg/m
Jx	25.4 cm ⁴
Jy	43.8 cm ⁴
Et Kalınlık	1.8 mm



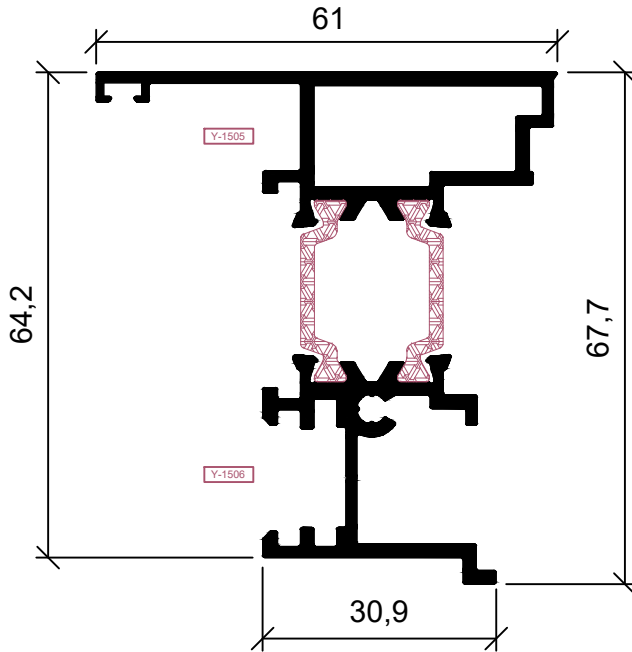


Kod	ART-6429
Ağırlık	2.38 Kg/m
Jx	54.75 cm ⁴
Jy	47.75 cm ⁴
Et Kalınlık	1.8 mm



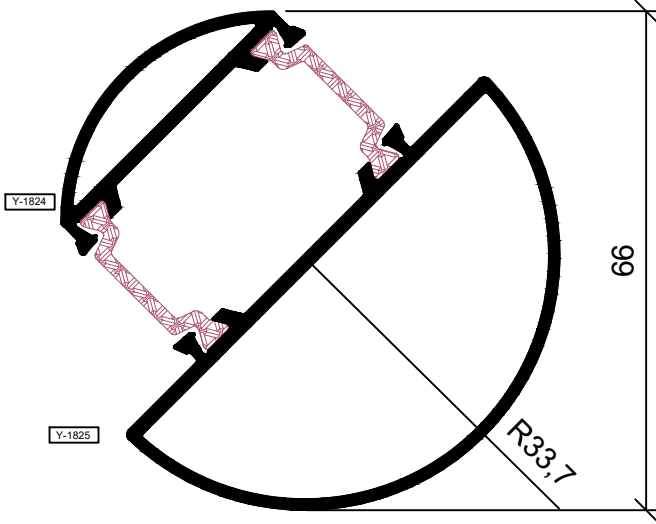


Kod	ART-6430
Ağırlık	1.175 Kg/m
Jx	14.1 cm ⁴
Jy	4.0 cm ⁴
Et Kalınlık	1.8 mm

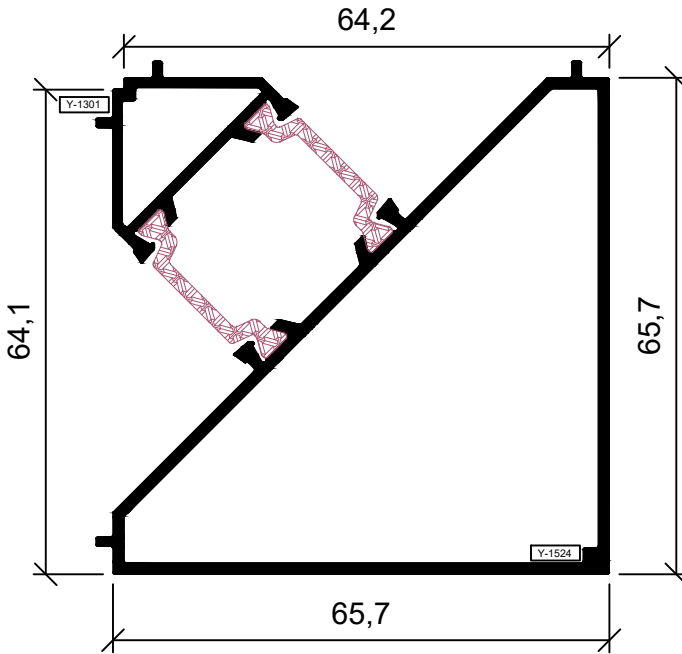


Kod	ART-6431
Ağırlık	1.41 Kg/m
Jx	18.30 cm ⁴
Jy	7.45 cm ⁴
Et Kalınlık	1.8 mm





Kod	ART-6432
Ağırlık	1.4 Kg/m
Jx	11.76 cm ⁴
Jy	20.0 cm ⁴
Et Kalınlık	1.8 mm

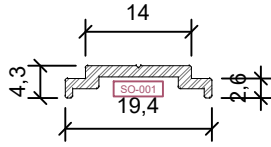


Kod	ART-6433
Ağırlık	1.48 Kg/m
Jx	24.64 cm ⁴
Jy	26.05 cm ⁴
Et Kalınlık	1.8 mm

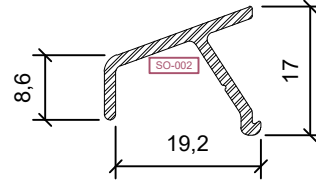




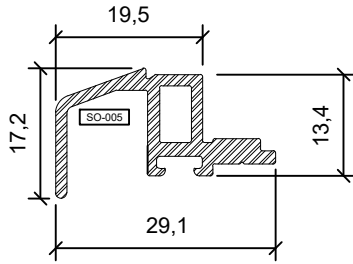
AKSESUAR PROFİLLERİ / ACCESSORY PROFILES



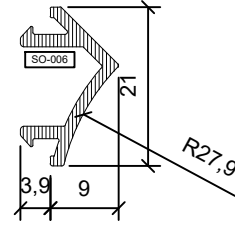
Kod	RO-001
Ağırlık	0.09 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



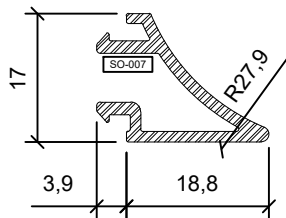
Kod	RO-002
Ağırlık	0.17 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



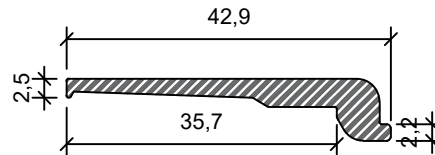
Kod	RO-005
Ağırlık	0.32 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



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

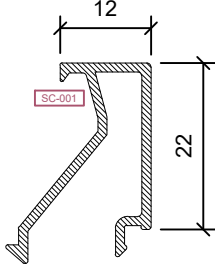


Kod	R64-001
Ağırlık	0.37 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

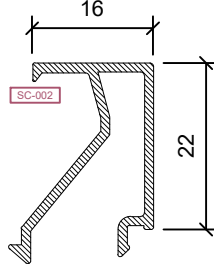




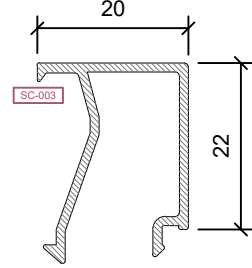
CAM ÇİTALARI / GLAZING BEAD PROFILES



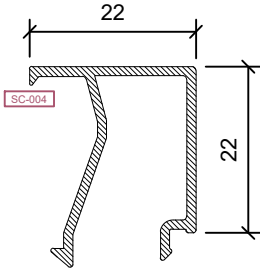
Kod	RC2212
Ağırlık	0.230 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



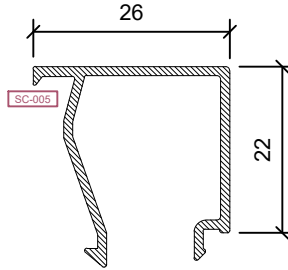
Kod	RC2216
Ağırlık	0.246 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



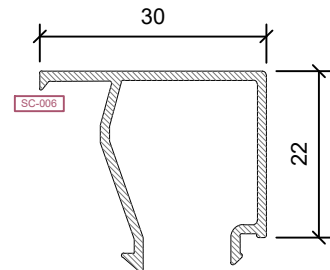
Kod	RC2220
Ağırlık	0.249 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



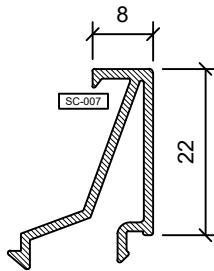
Kod	RC2222
Ağırlık	0.254 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



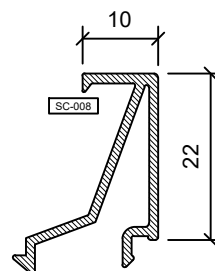
Kod	RC2226
Ağırlık	0.268 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



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

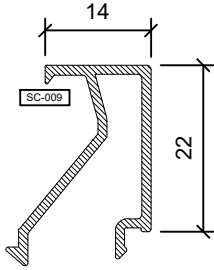


Kod	RC2208
Ağırlık	0.227 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

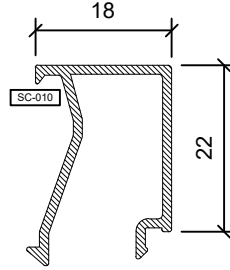


Kod	RC2210
Ağırlık	0.235 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

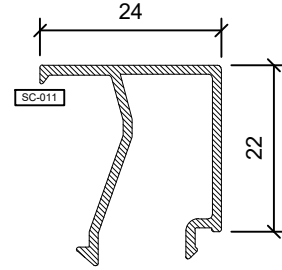




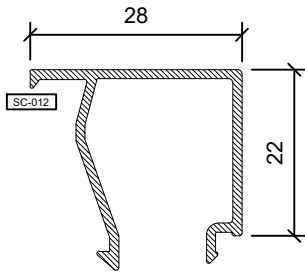
Kod	RC2214
Ağırlık	0.238 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



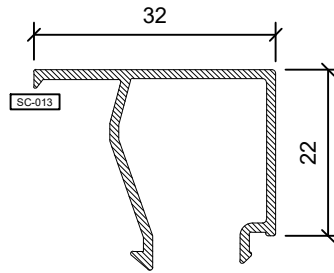
Kod	RC2218
Ağırlık	0.241 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



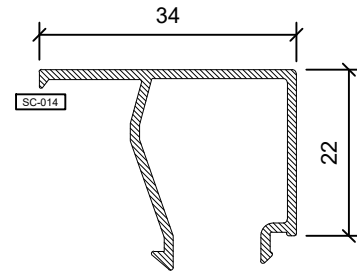
Kod	RC2224
Ağırlık	0.262 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



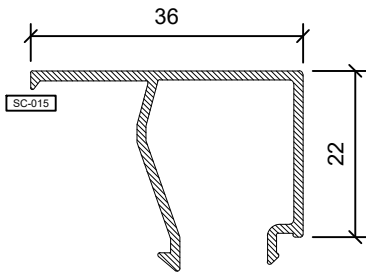
Kod	RC2228
Ağırlık	0.276 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



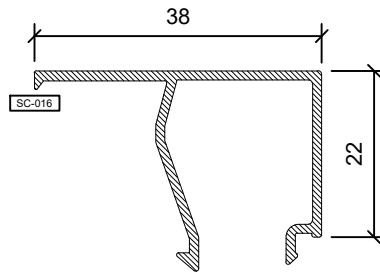
Kod	RC2232
Ağırlık	0.289 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



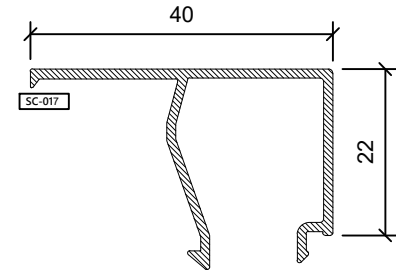
Kod	RC2234
Ağırlık	0.295 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴



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



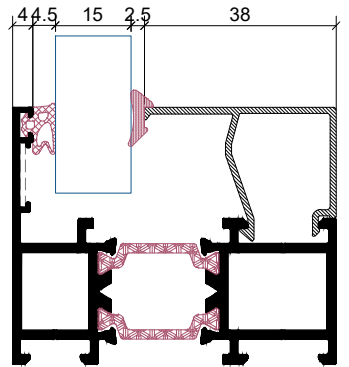
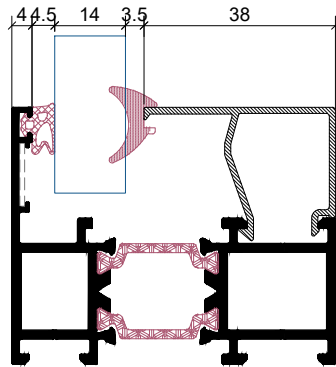
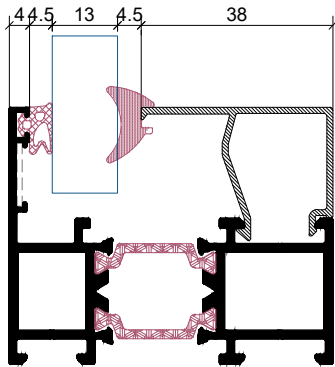
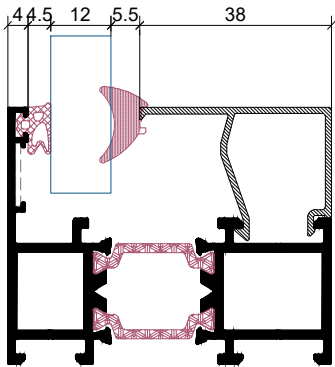
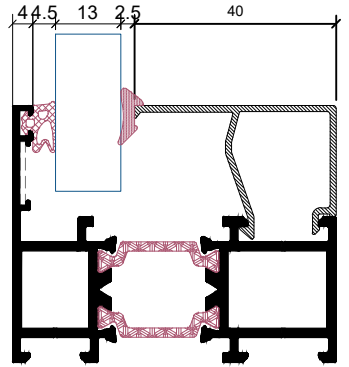
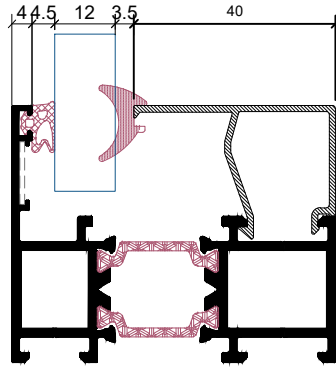
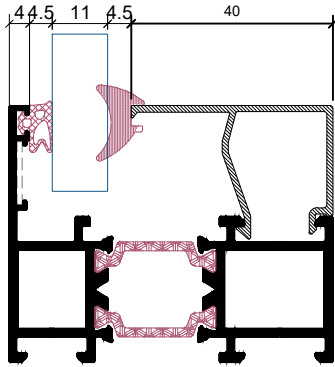
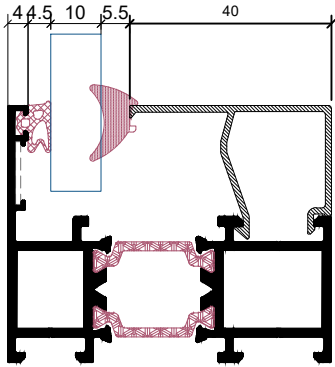
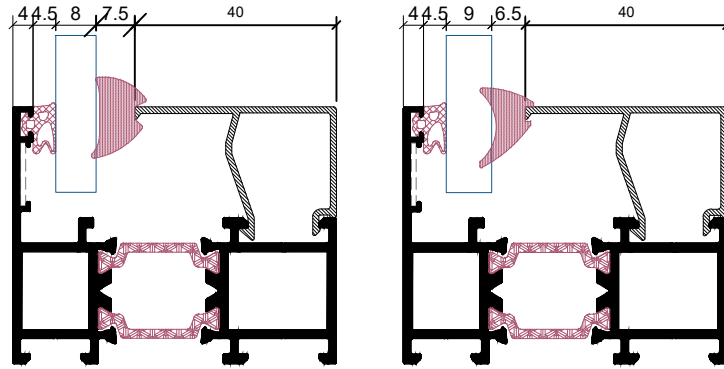
Kod	RC2240
Ağırlık	0.318 Kg/m
Jx	- cm ⁴
Jy	- cm ⁴

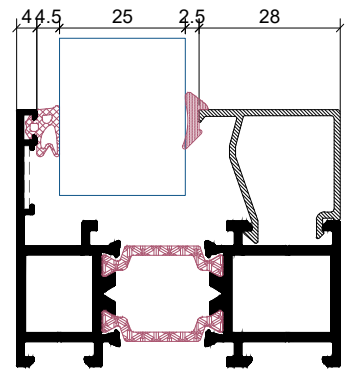
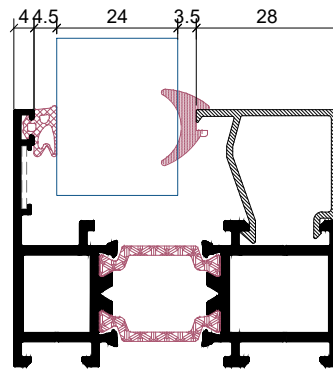
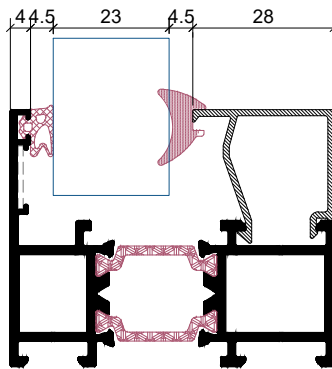
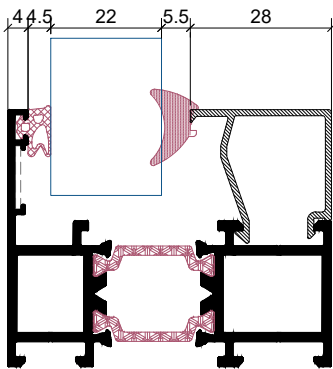
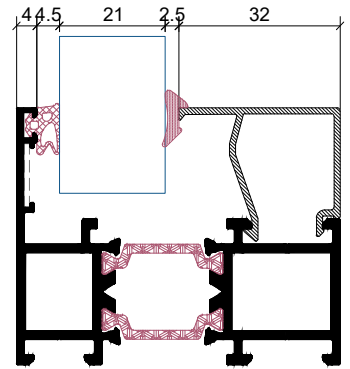
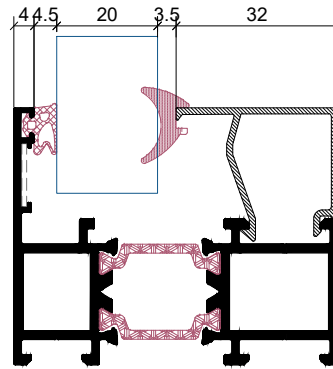
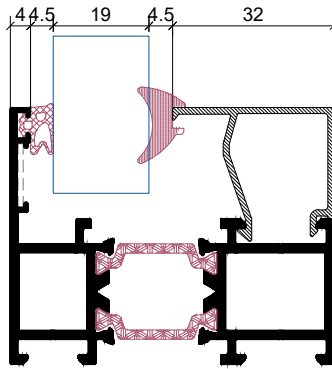
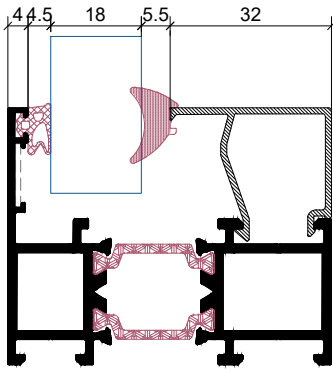
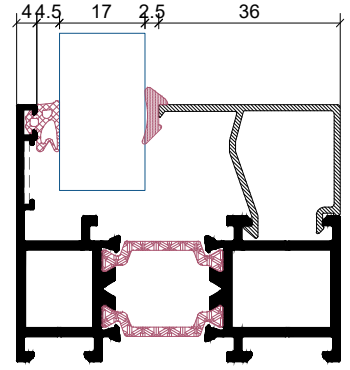
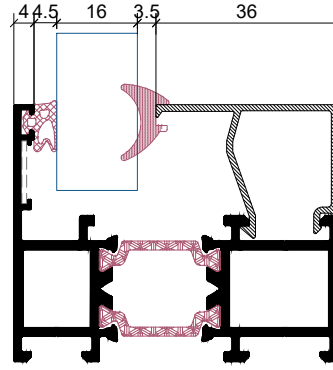
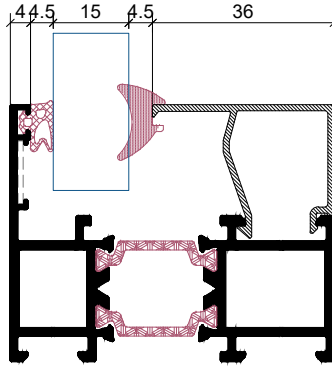
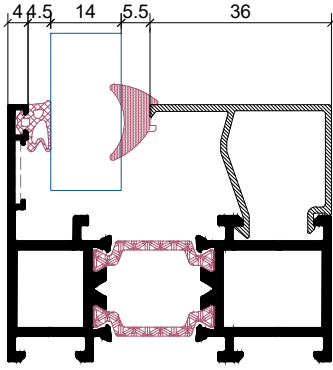


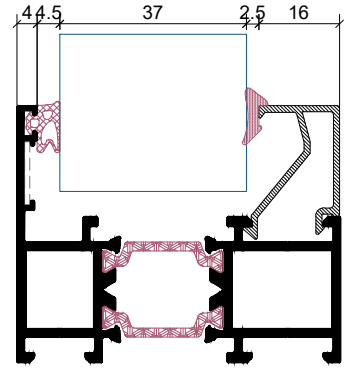
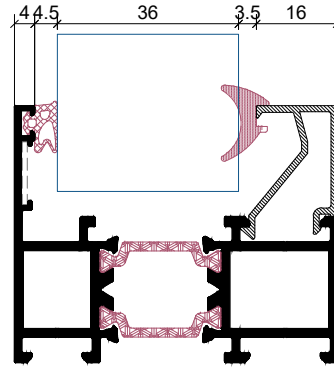
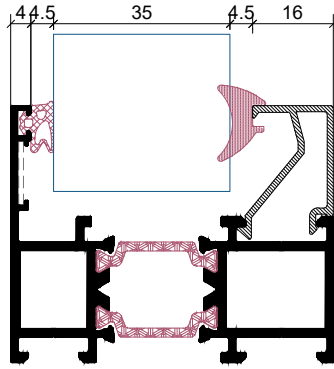
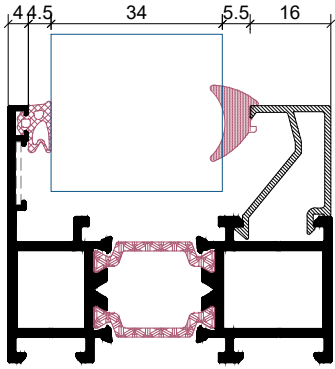
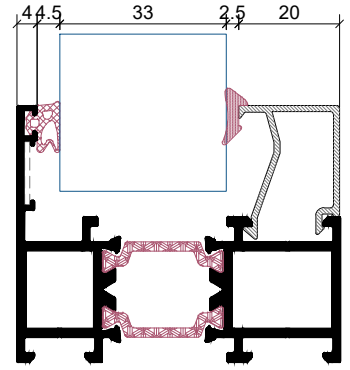
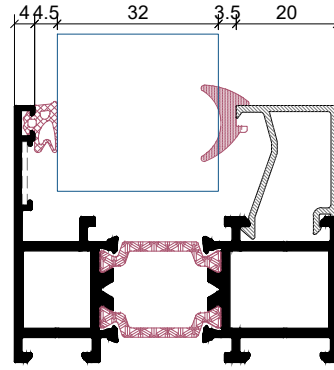
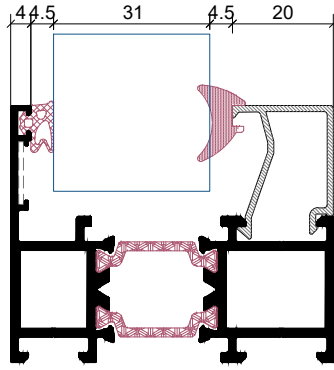
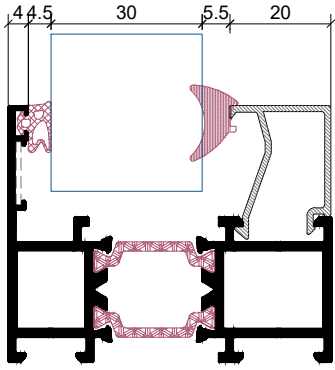
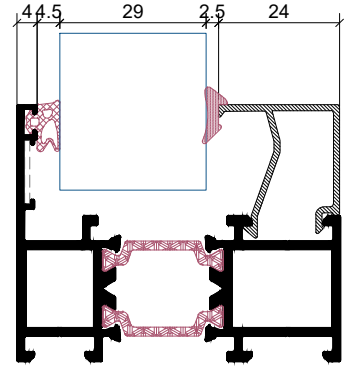
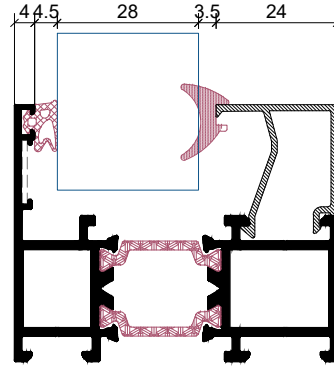
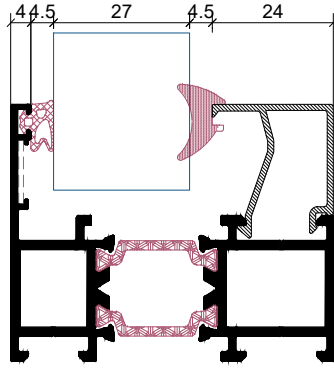
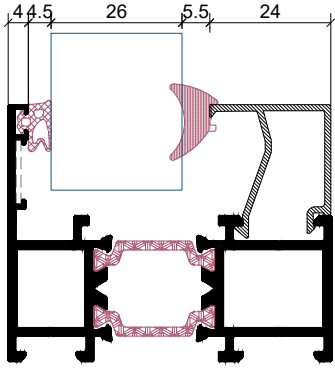


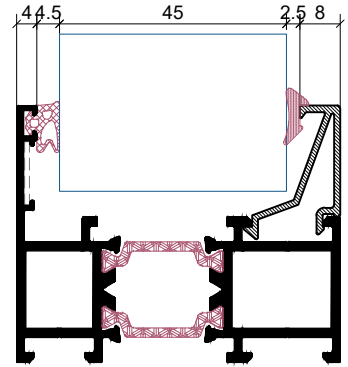
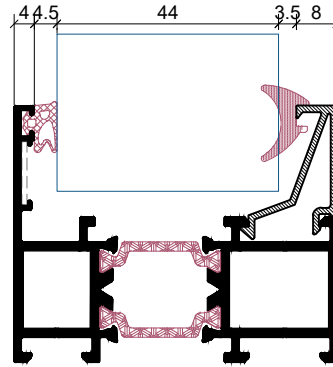
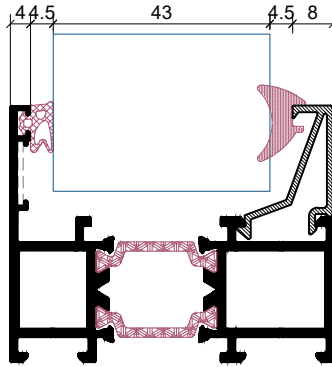
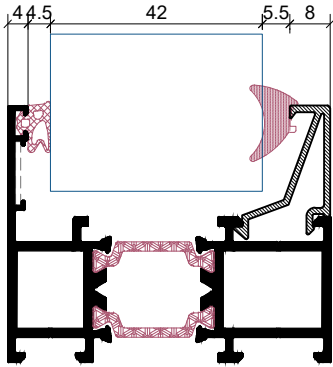
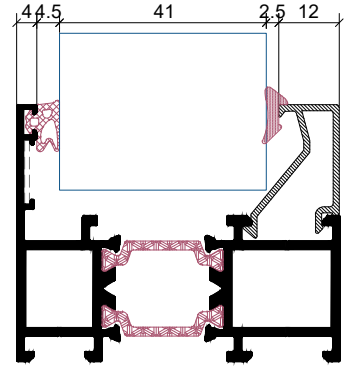
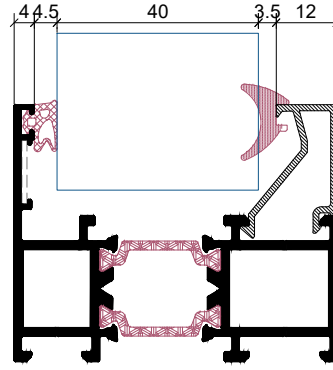
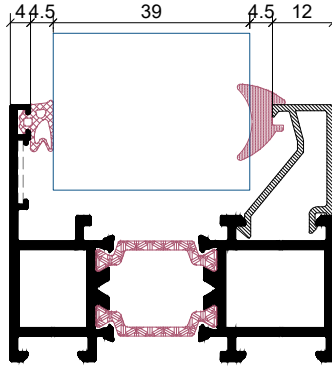
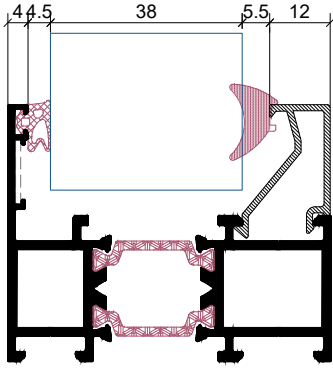
CAM KALINLIKLARINA GÖRE FİTİL SEÇME ŞEMASI

GASKET SELECTION DIAGRAM ACCORDING TO THE GLASS THICKNESSES

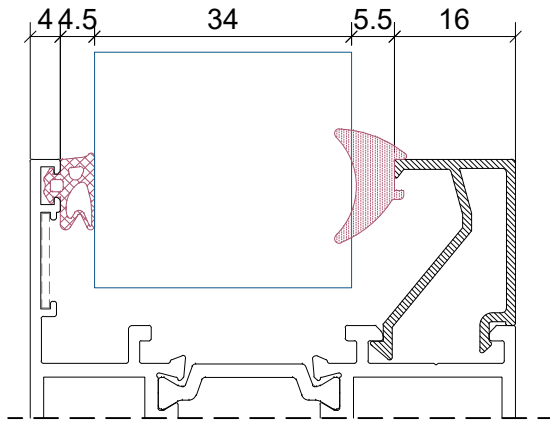








Ölçek : 2/3



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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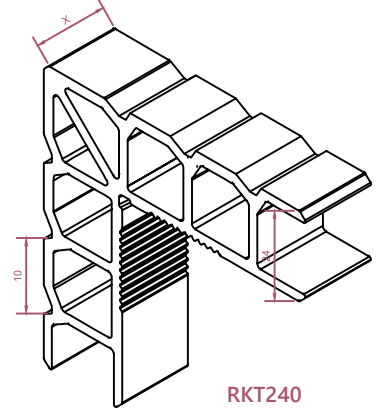


KÖŞE TAKOZU SEÇİM TABLOSU/ CORNER BLOCK SELECTION TABLE

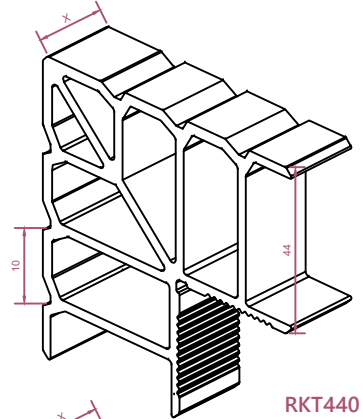
Köşe Takoz No	Köşe Takoz Kodu	Kalıp Kodu	Kullanıldığı Profil Kodu	Parça Kodu	Kesim Ölçüsü
	RKT240	ST-001	ART-6403	240KT193	19,3 mm
				240KT130	13,0 mm
			ART-6404	240KT193	19,3 mm
				240KT130	13,0 mm
			ART-6405	240KT189	18,9 mm
				240KT126	12,6 mm
			ART-6407	240KT193	19,3 mm
				240KT130	13,0 mm
			ART-6409	240KT293	29,3 mm
				240KT54	5,4 mm
			ART-6410	240KT289	28,9 mm
				240KT50	5,0 mm
			ART-6415	240KT54	5,4 mm
			ART-6416	240KT50	5,0 mm
	RKT440	ST-002	ART-6406	440KT193	19,3 mm
				440KT130	13,0 mm
			ART-6411	440KT293	29,3 mm
				440KT54	5,4 mm
			ART-6412	440KT289	28,9 mm
				440KT50	5,0 mm
			ART-6413	440KT54	5,4 mm
				440KT238	23,8 mm
			ART-6414	440KT50	5,0 mm
				440KT234	23,4 mm
			ART-6417	440KT54	5,4 mm
			ART-6418	440KT50	5,0 mm
	RKT365	ST-005	ART-6417	365KT293	29,3 mm
			ART-6418	365KT289	28,9 mm
	RKT165	ST-003	ART-6415	165KT293	29,3 mm
			ART-6416	165KT289	28,9 mm
	RKT150	ST-004	ART-6401	150KT193	19,3 mm
				150KT130	13,0 mm
			ART-6402	150KT193	19,3 mm
				150KT130	13,0 mm
			ART-6408	150KT293	29,3 mm
				150KT54	5,4 mm
			ART-6419	150KT193	19,3 mm
				150KT130	13,0 mm
			ART-6426	150KT126	12,6 mm
				150KT133	13,3 mm

ART-64 serisi doğrama sistemlerinde kullanılan köşe takozları ve bu takozlarla uyumlu cam çıtası 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.

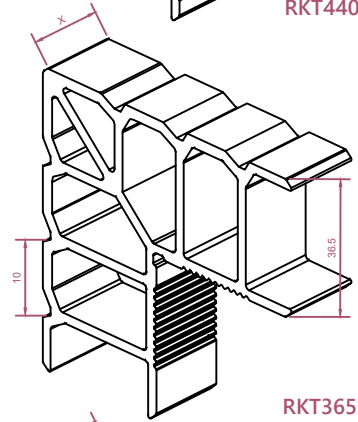
This page presents the corner blocks used in ART-64 series door and window systems, along with the compatible glazing bead profiles. For each corner block type, the associated profile codes, part codes, and cutting dimensions are provided in the table. The technical drawings on the right visually support the structure and dimensions of each block.



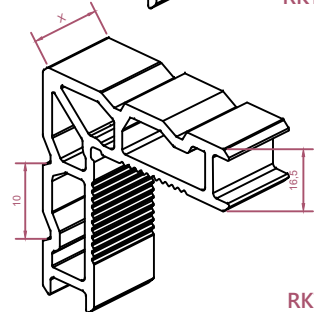
RKT240



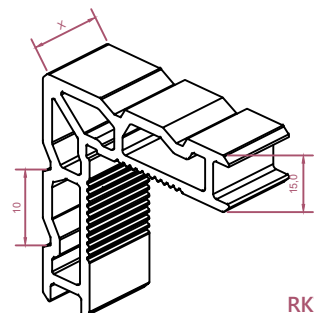
RKT440



RKT365

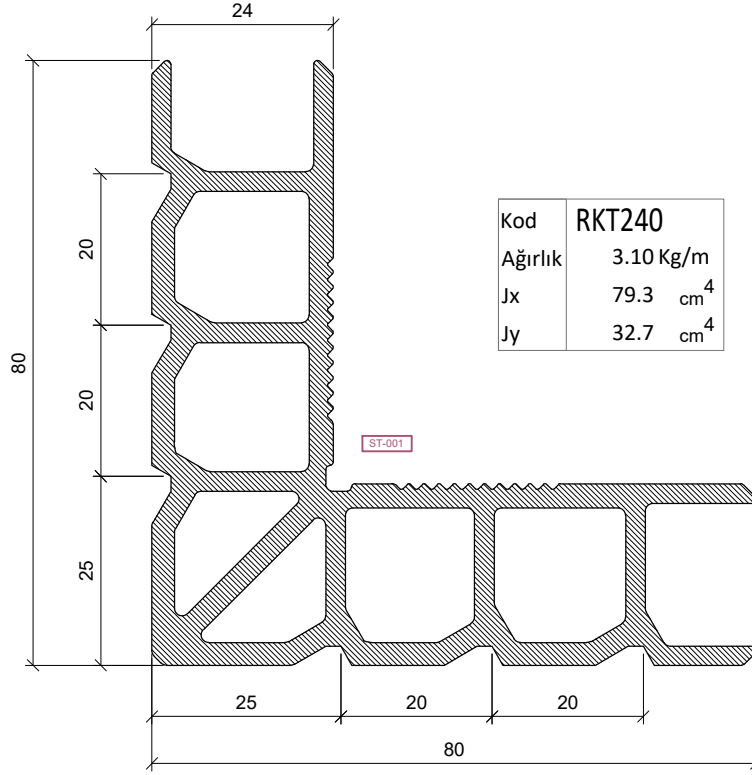


RKT165



RKT150

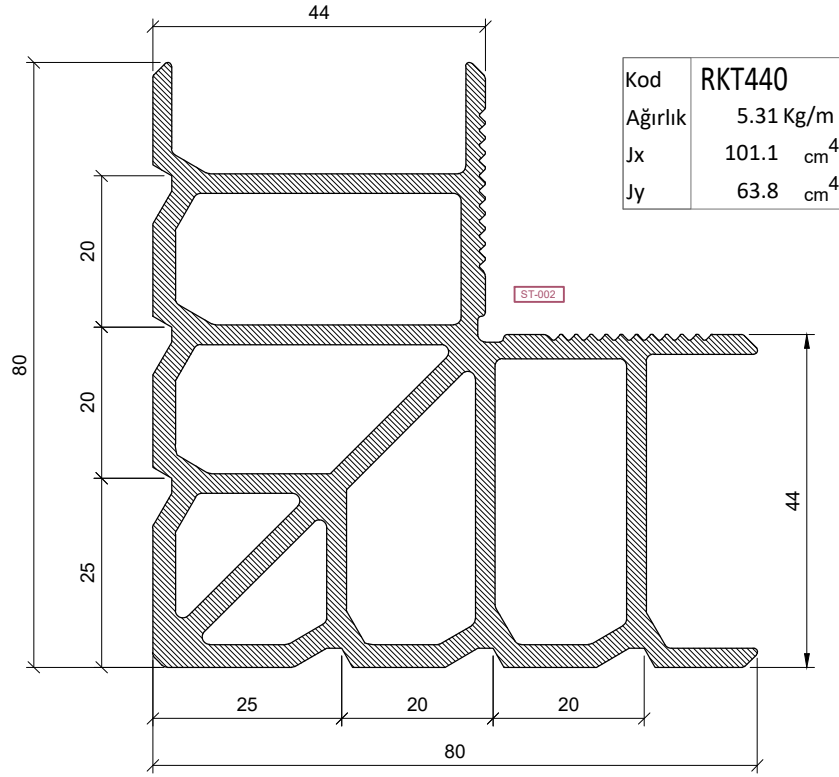




RKT240

KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ	KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
ART-6403	240KT193	19,3 mm	ART-6415	240KT54	5,4 mm
	240KT130	13,0 mm			
ART-6404	240KT193	19,3 mm	ART-6416	240KT50	5,0 mm
	240KT130	13,0 mm			
ART-6405	240KT189	18,9 mm	ART-6421	240KT193	19,3 mm
	240KT126	12,6 mm		240KT130	13,0 mm
ART-6407	240KT193	19,3 mm	ART-6423	240KT193	19,3 mm
	240KT130	13,0 mm		240KT130	13,0 mm
ART-6409	240KT293	29,3 mm	ART-6424	240KT193	19,3 mm
	240KT54	5,4 mm		240KT130	13,0 mm
ART-6410	240KT289	28,9 mm	ART-6425	240KT126	12,6 mm
	240KT50	5,0 mm		240KT133	13,3 mm

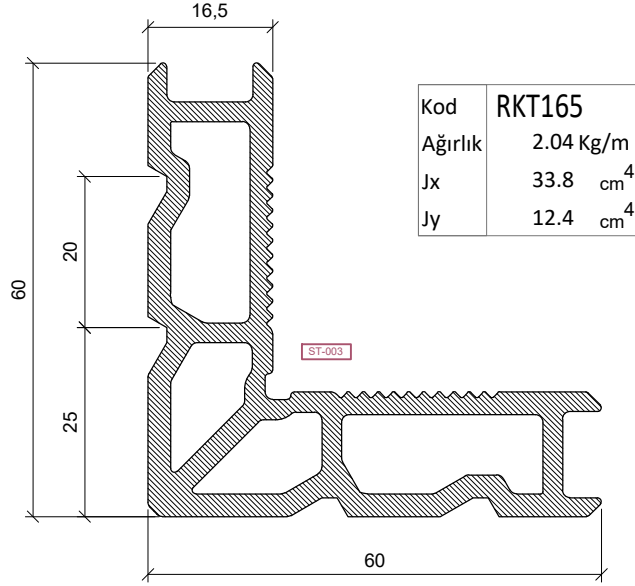




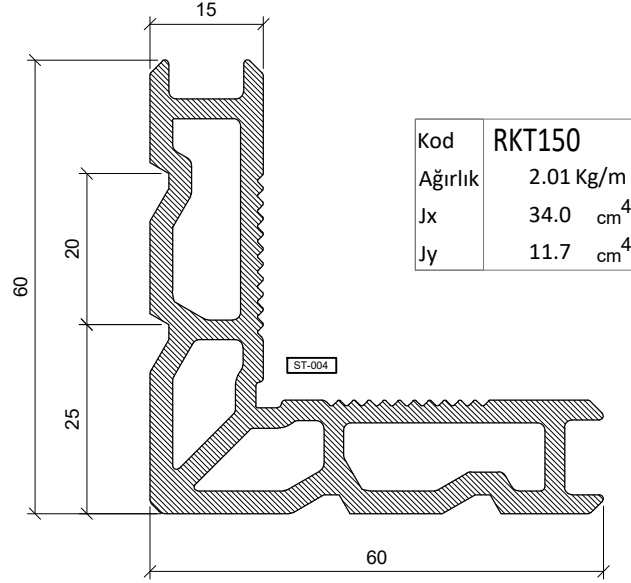
RKT440

KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ	KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
ART-6406	440KT193	19,3 mm	ART-6414	440KT50	5,0 mm
	440KT130	13,0 mm		440KT234	23,4 mm
ART-6411	440KT293	29,3 mm	ART-6417	440KT54	5,4 mm
	440KT54	5,4 mm			
ART-6412	440KT289	28,9 mm	ART-6418	440KT50	5,0 mm
	440KT50	5,0 mm			
ART-6413	440KT54	5,4 mm			
	440KT238	23,8 mm			





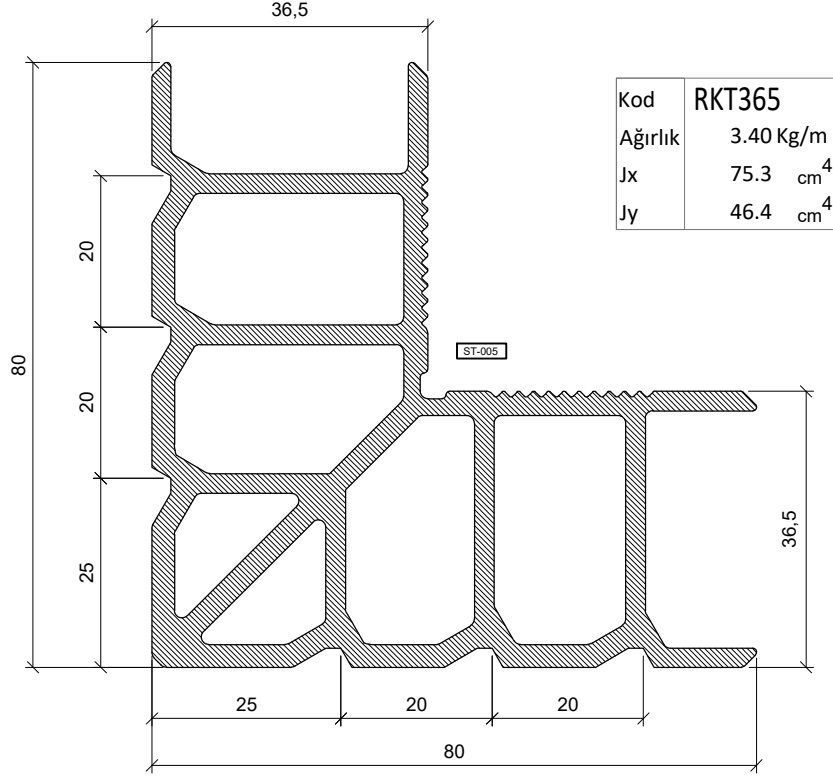
RKT165					
KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ	KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
ART-6415	165KT293	29,3 mm	ART-6416	165KT289	28,9 mm



RKT150

KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ	KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
ART-6401	150KT193	19,3 mm	ART-6419	150KT193	19,3 mm
	150KT130	13,0 mm		150KT130	13,0 mm
ART-6402	150KT193	19,3 mm	ART-6426	150KT126	12,6 mm
	150KT130	13,0 mm		150KT133	13,3 mm
ART-6408	150KT293	29,3 mm			
	150KT54	5,4 mm			

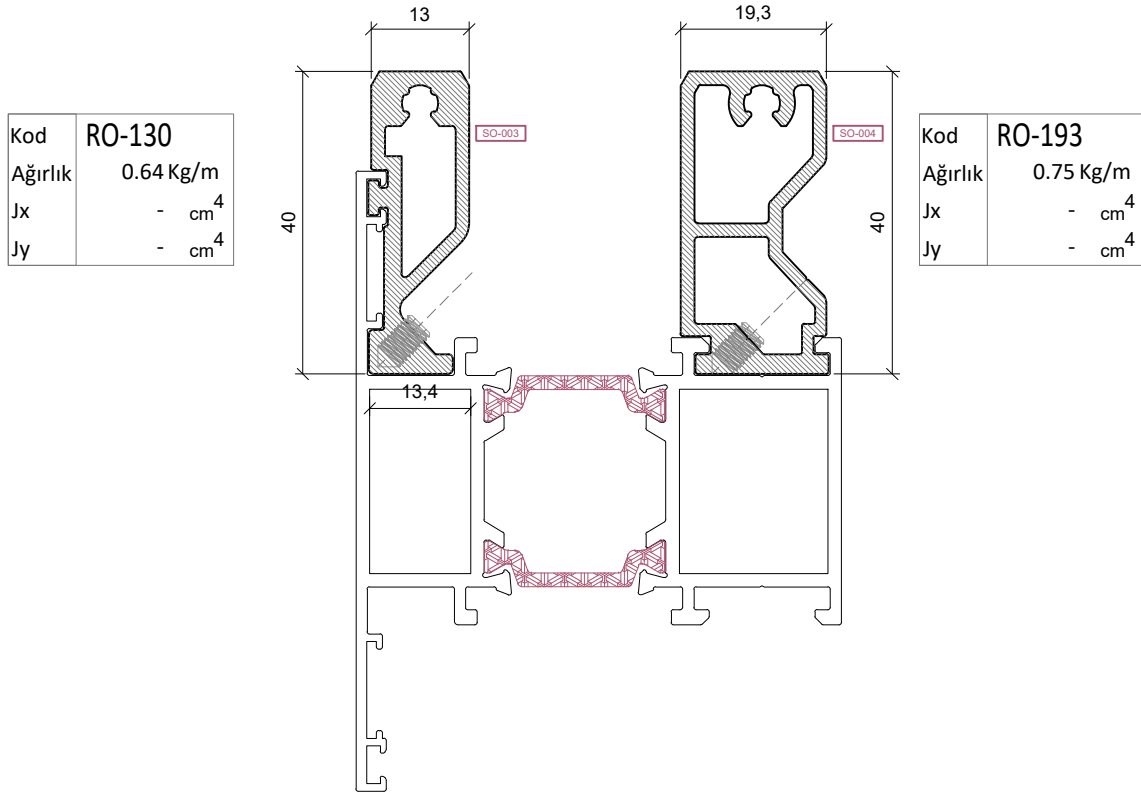




RKT365					
KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ	KULLANILDIĞI PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
ART-6417	365KT293	29,3 mm	ART-6418	365KT289	28,9 mm



ORTA KAYIT BAĞLANTI PROFİLLERİ/ MULLION JOINT PROFILES



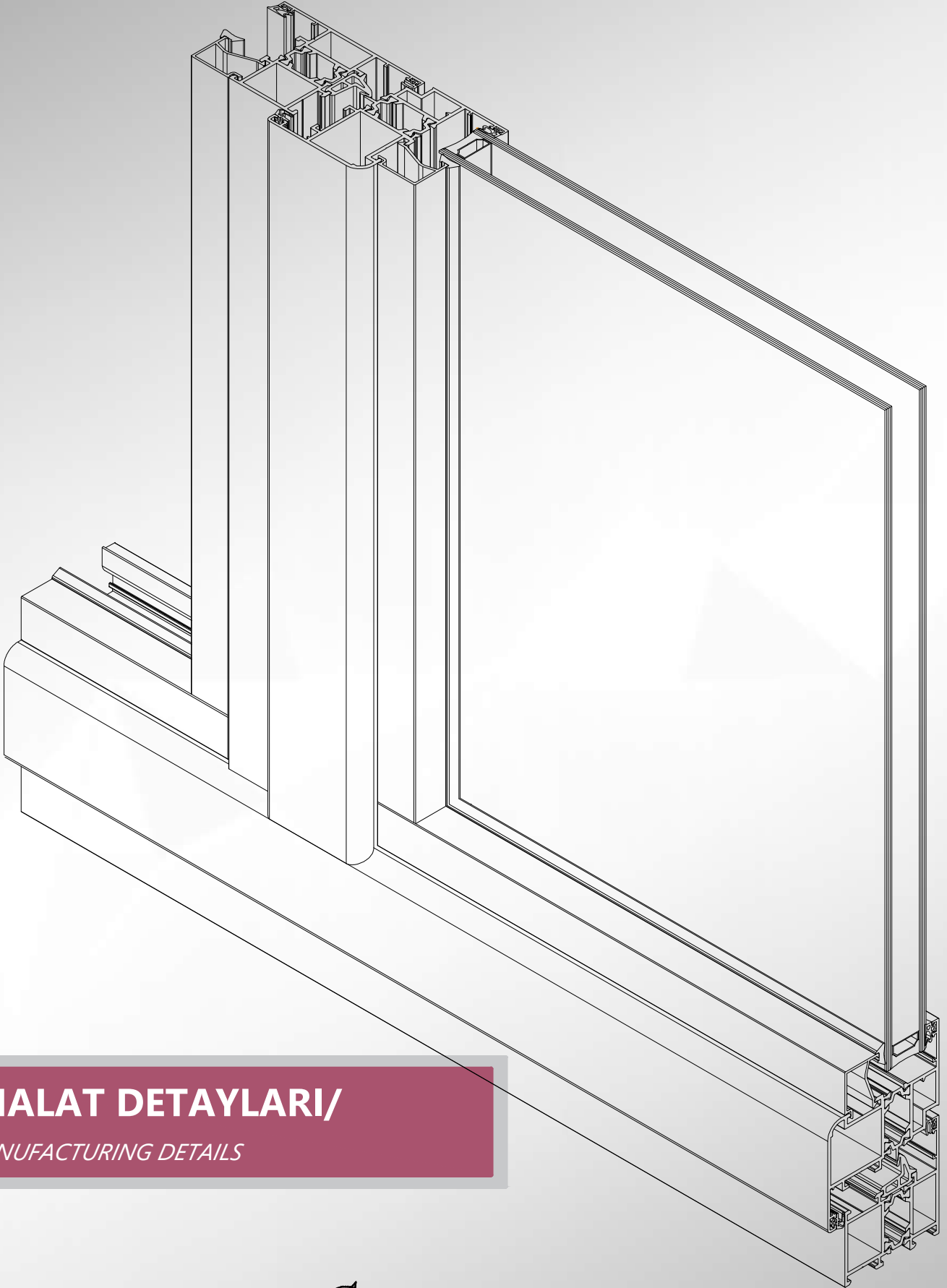
PROFİL KODU	ORTA KAYIT PROFİLİ	PARÇA KODU	KESİM ÖLÇÜSÜ	PROFİL KODU	PARÇA KODU	KESİM ÖLÇÜSÜ
RO130	ART-6419	130RO150	15,0 mm	RO193	193RO150	19,3 mm
	ART-6420	130RO240	24,0 mm		193RO240	24,0 mm
	ART-6423	130RO240	24,0 mm		193RO240	24,0 mm
	ART-6424	130RO240	24,0 mm		193RO240	24,0 mm
	ART-6428	130RO440	44,0 mm		193RO440	44,0 mm
	ART-6429	130RO640	64,0 mm		193RO640	64,0 mm



ROUTE
SYSTEMS

ART-64

DOOR & WINDOW SYSTEMS



İMALAT DETAYLARI/

MANUFACTURING DETAILS



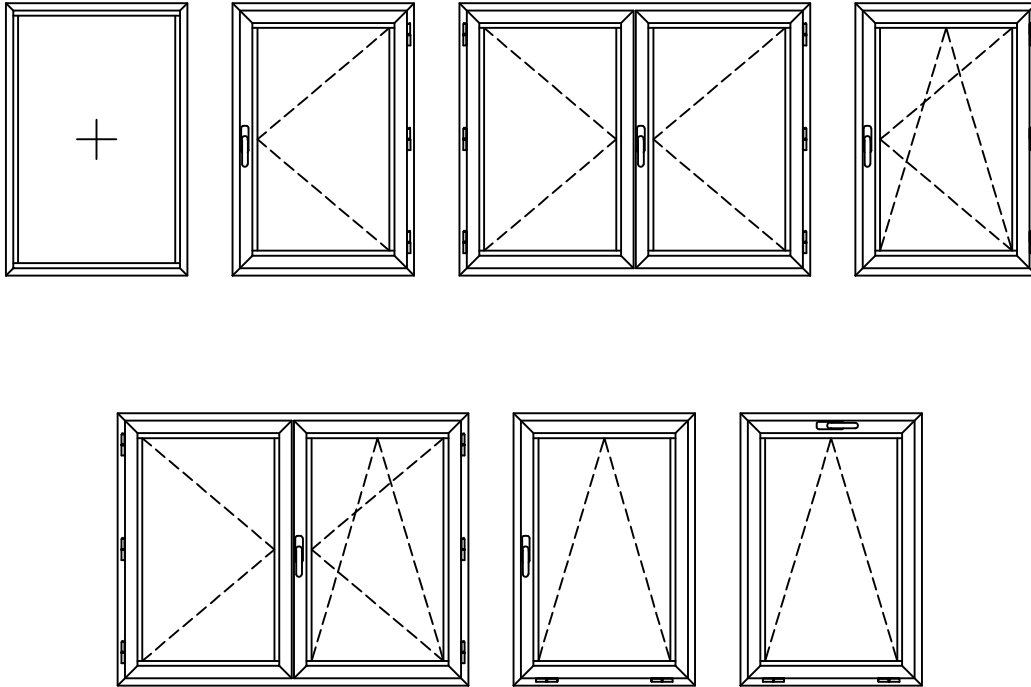
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PENCERE AÇILIM TİPLERİ/
WINDOW OPENING TYPES



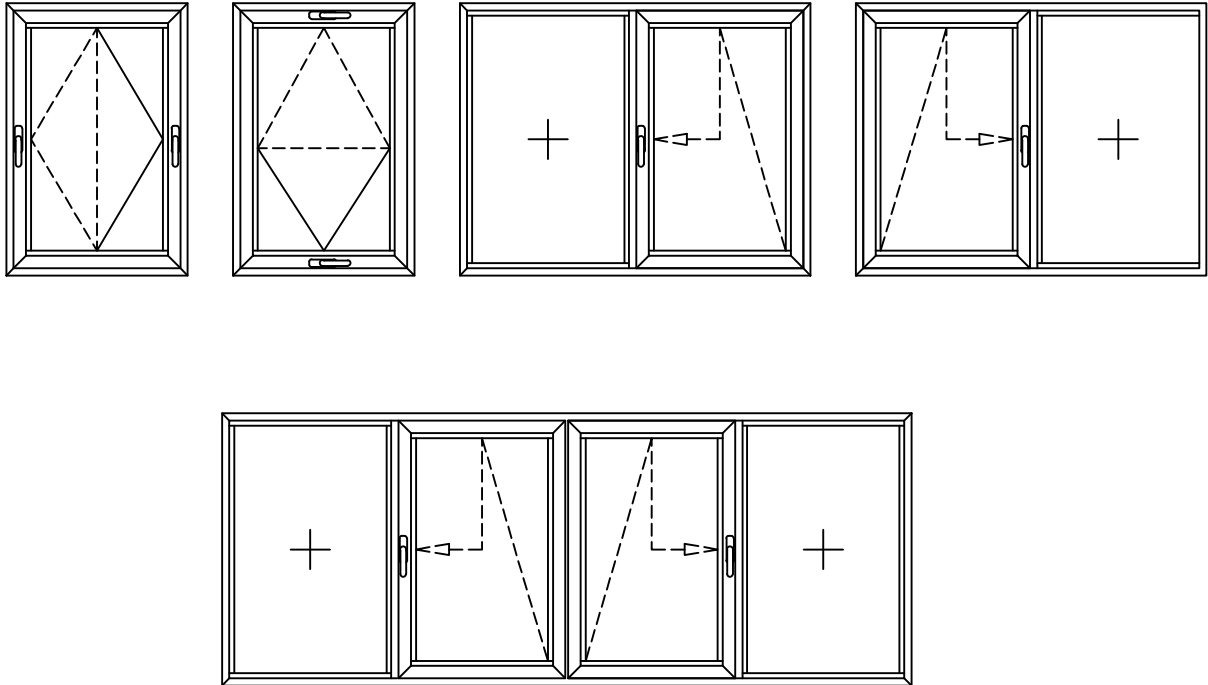
★ PENCERE KAPI PROFİLLERİ ■ AKSESUARLAR ● ORTAK PROFİLLER

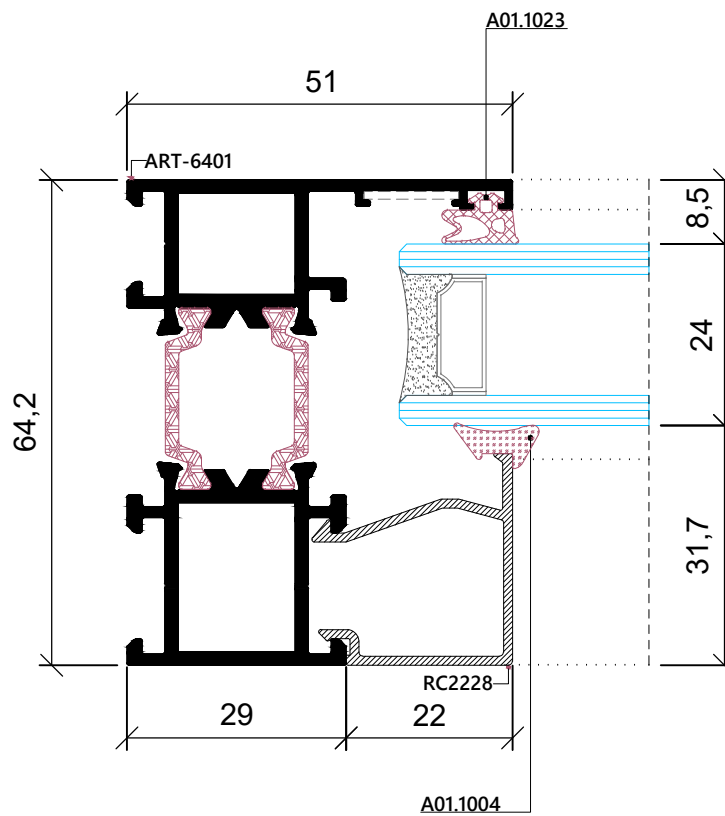
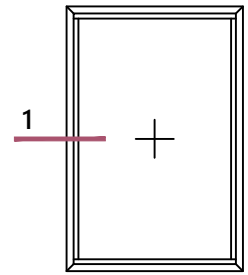


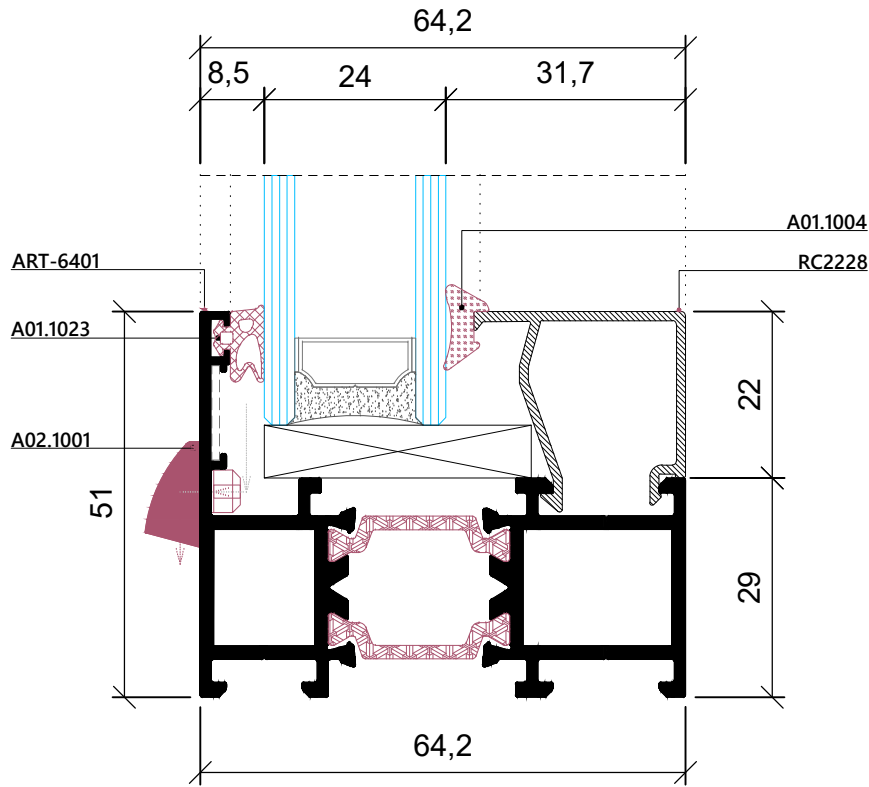
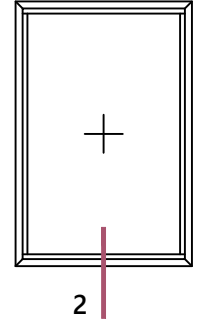
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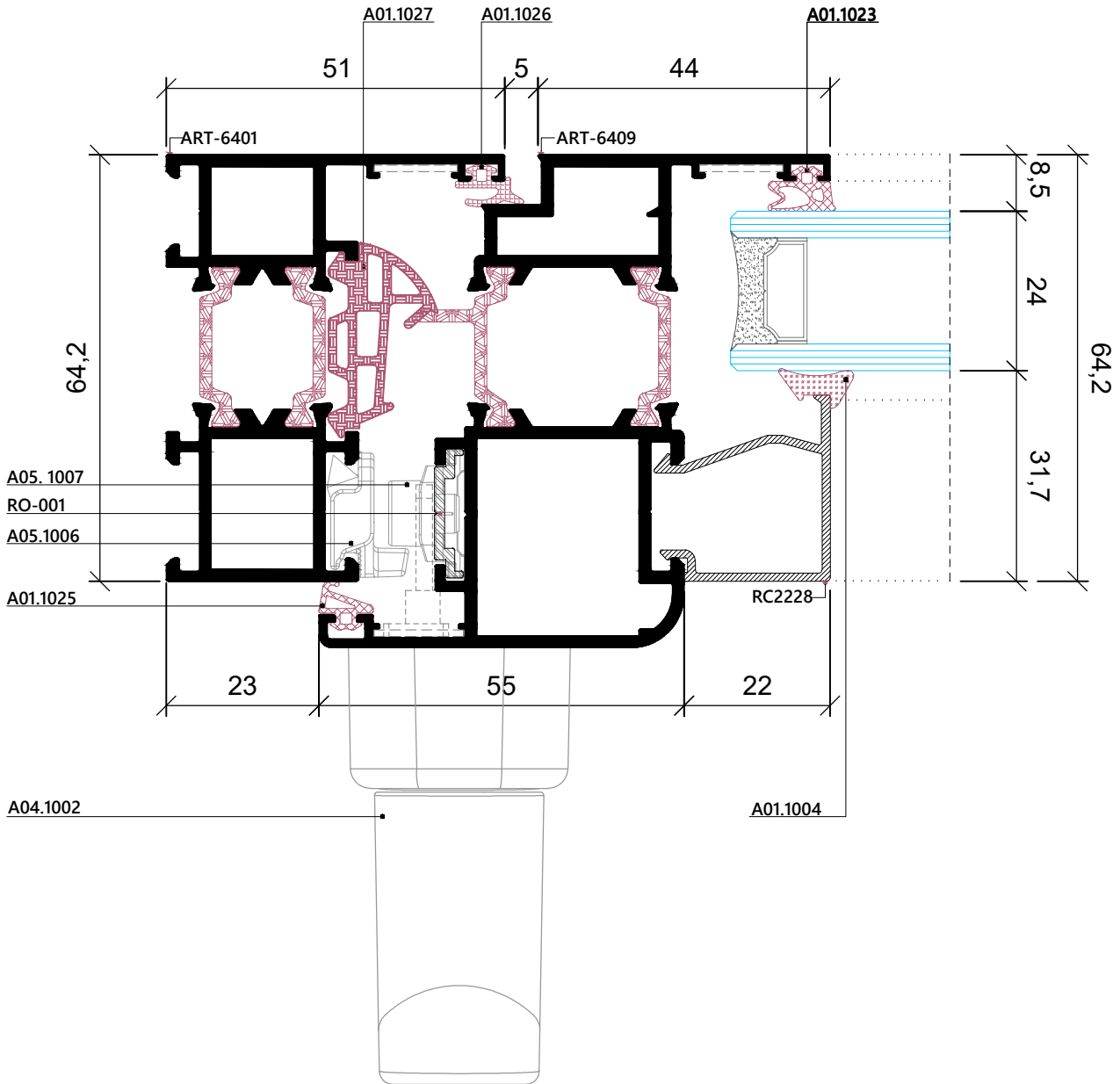
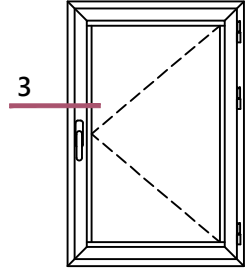
TESCİLLİ MARKASIDIR.

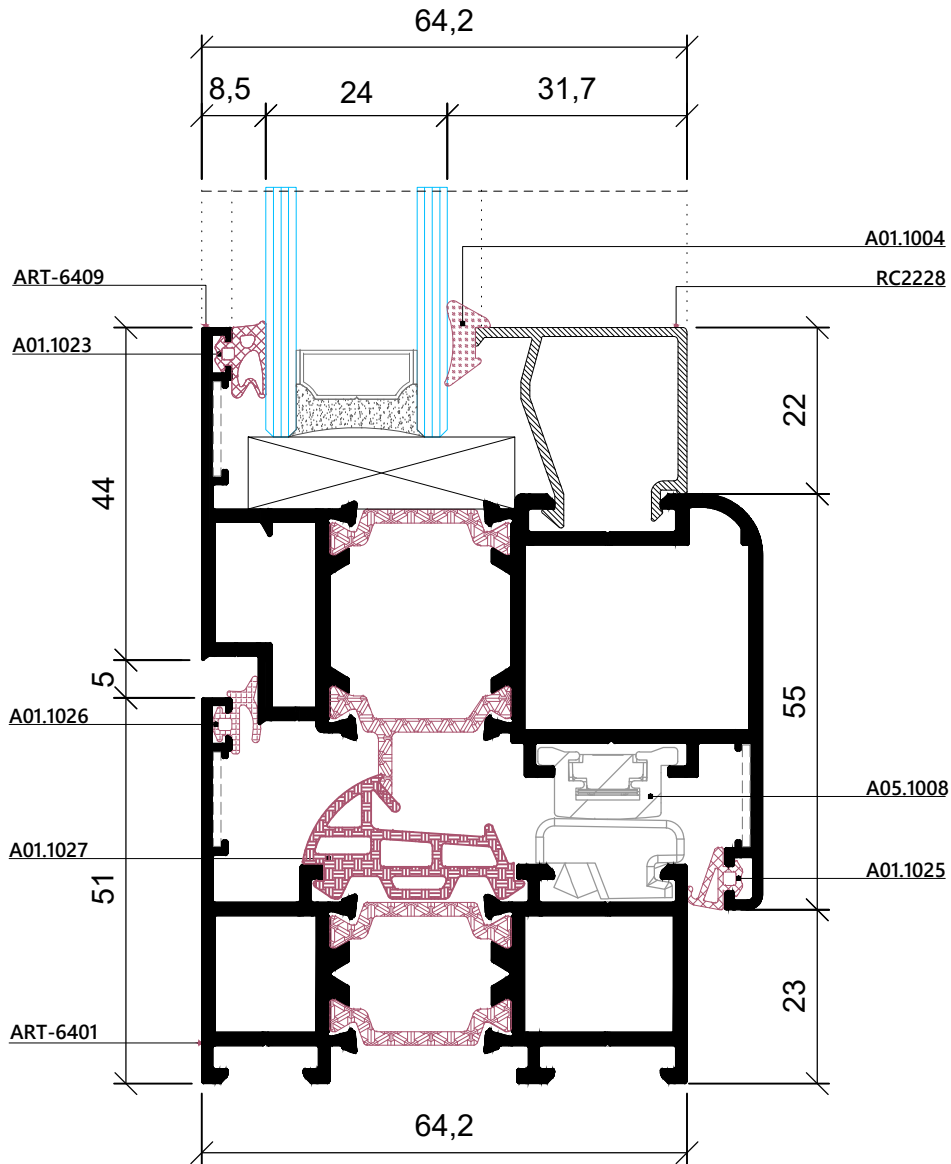
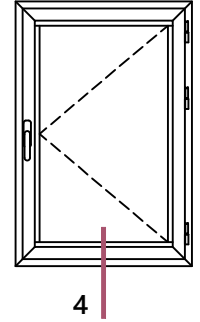
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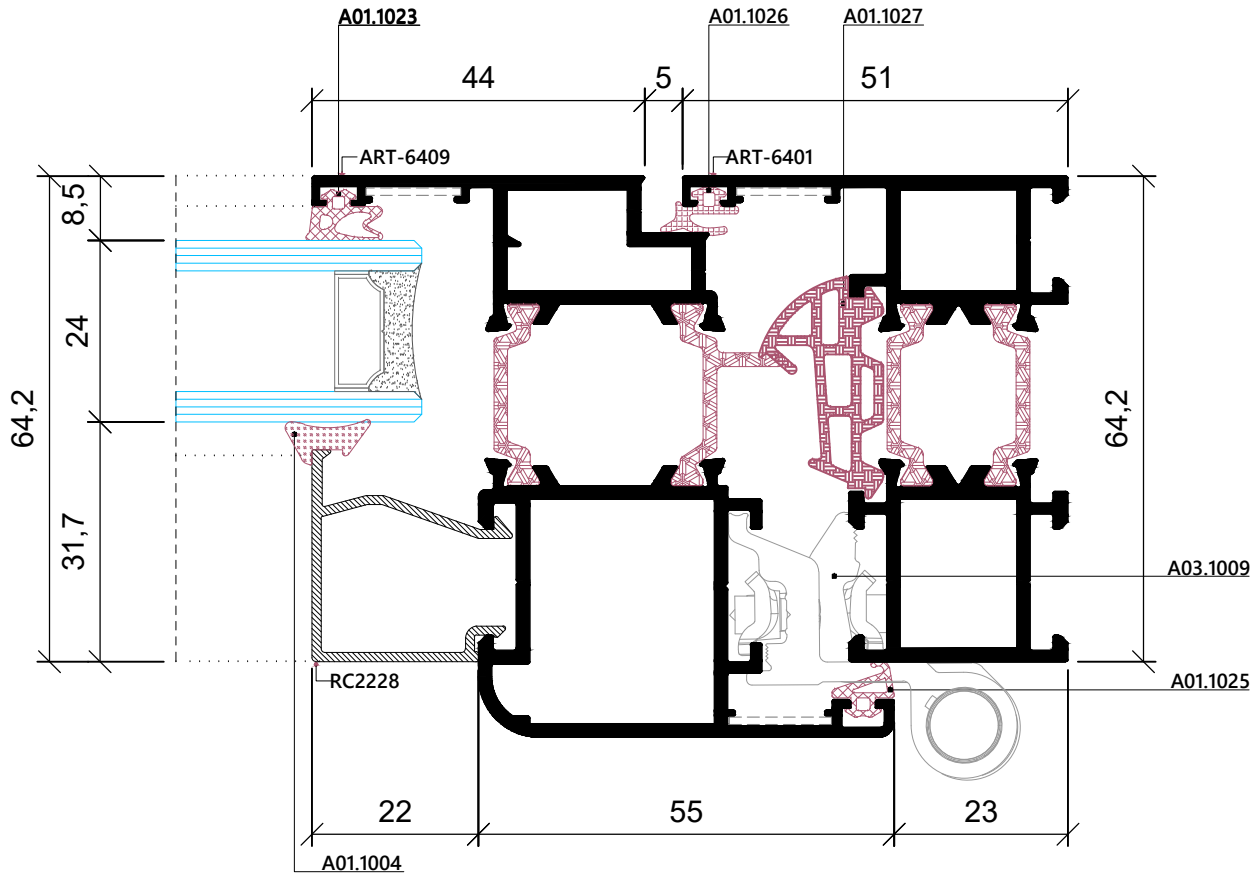
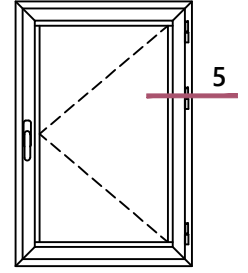








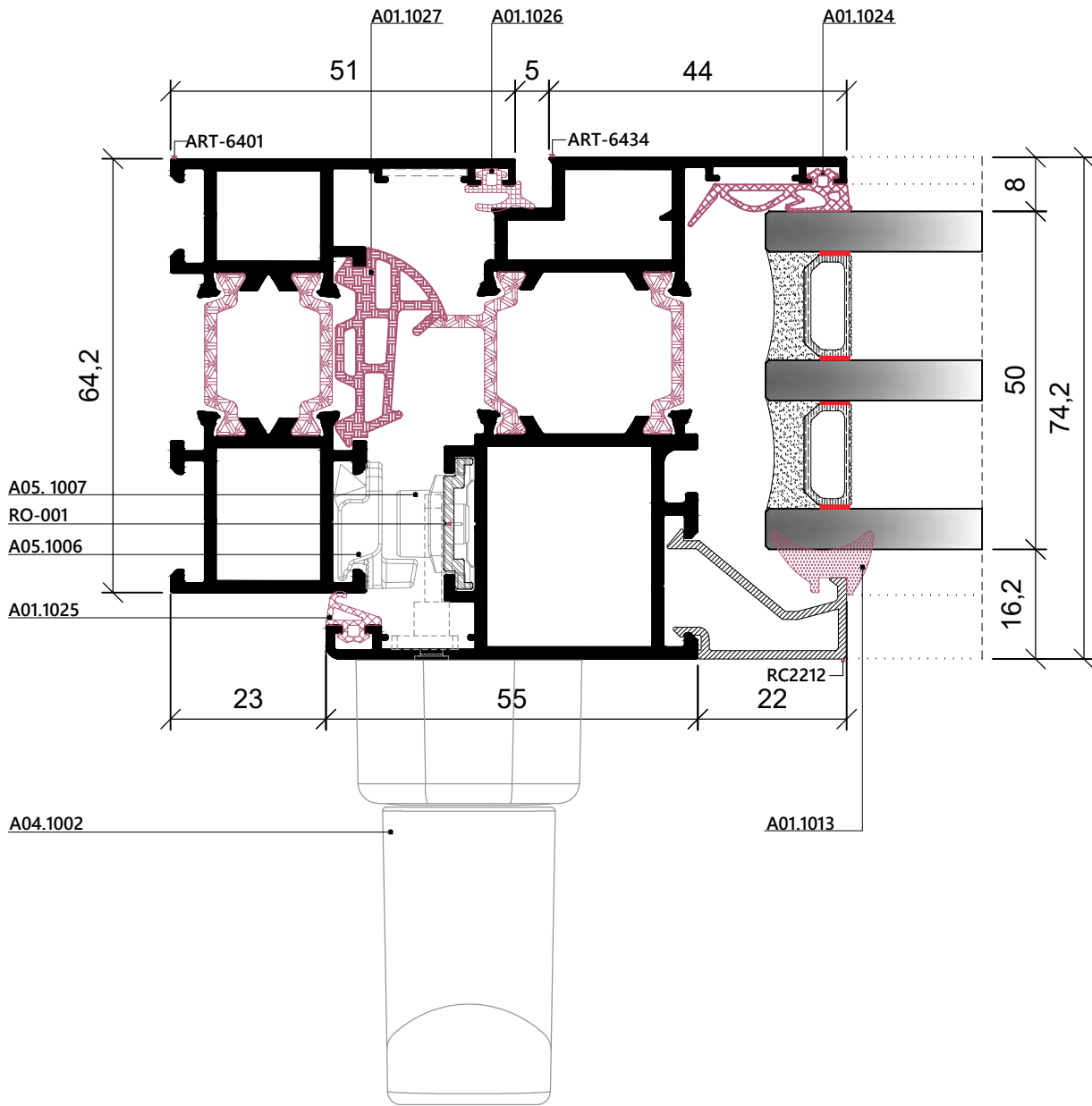
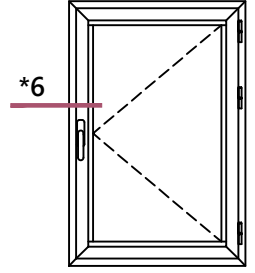






*ÇİFT BOŞLUKLU CAM DETAYI

Triple Glazing Detail



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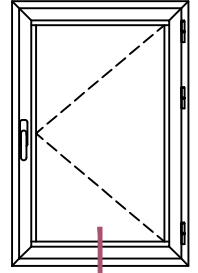
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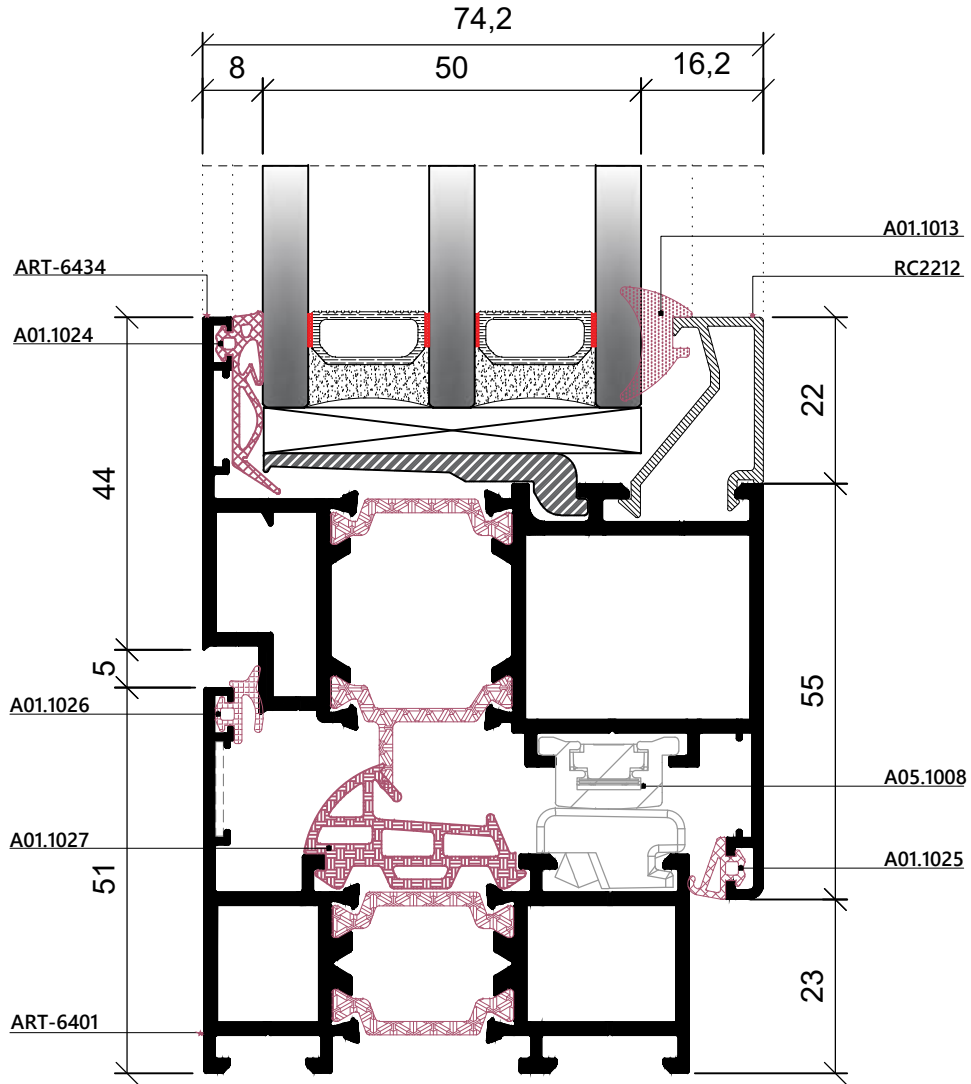


***ÇİFT BOŞLUKLU CAM DETAYI**

Triple Glazing Detail



*7



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Alüminyum Profil

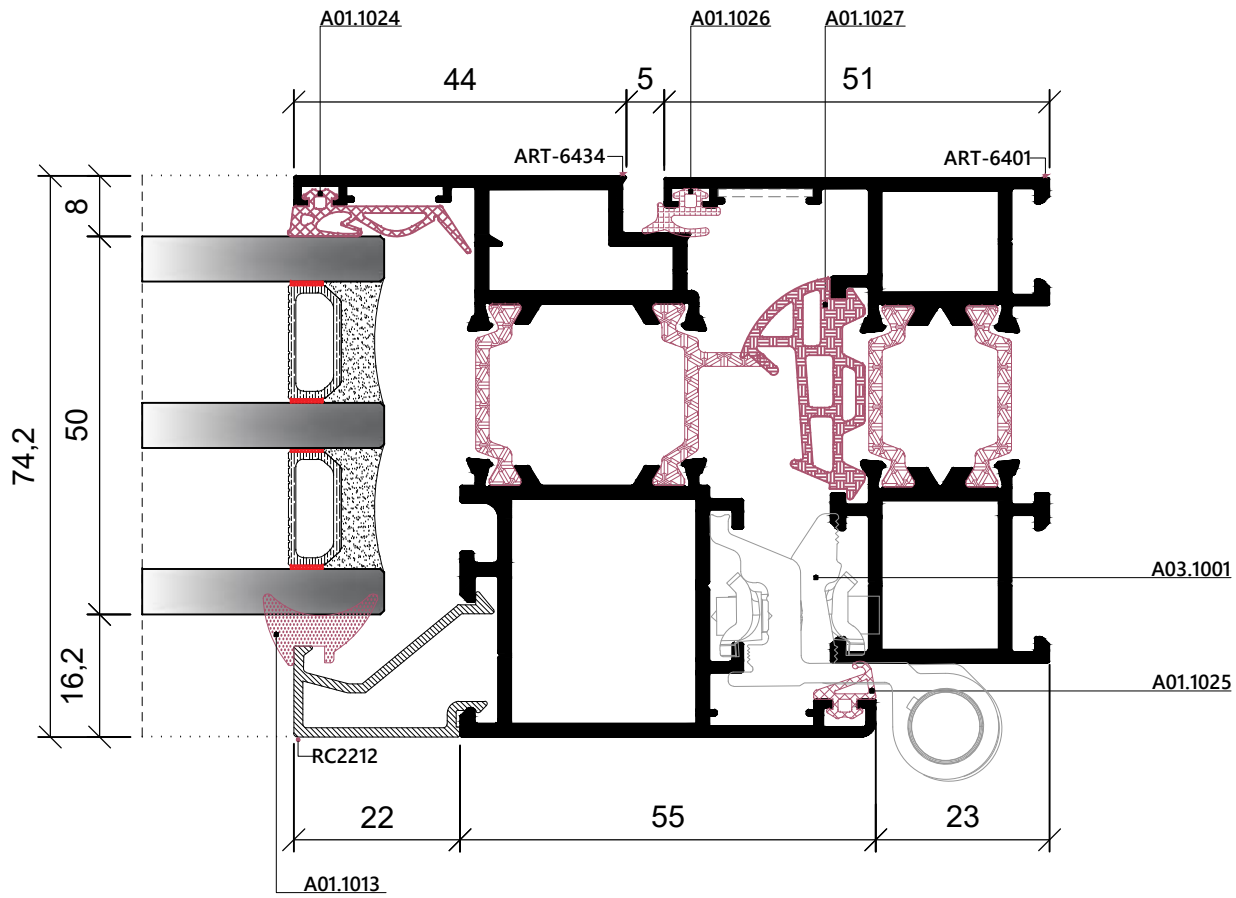
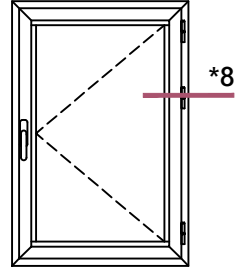
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*ÇİFT BOŞLUKLU CAM DETAYI

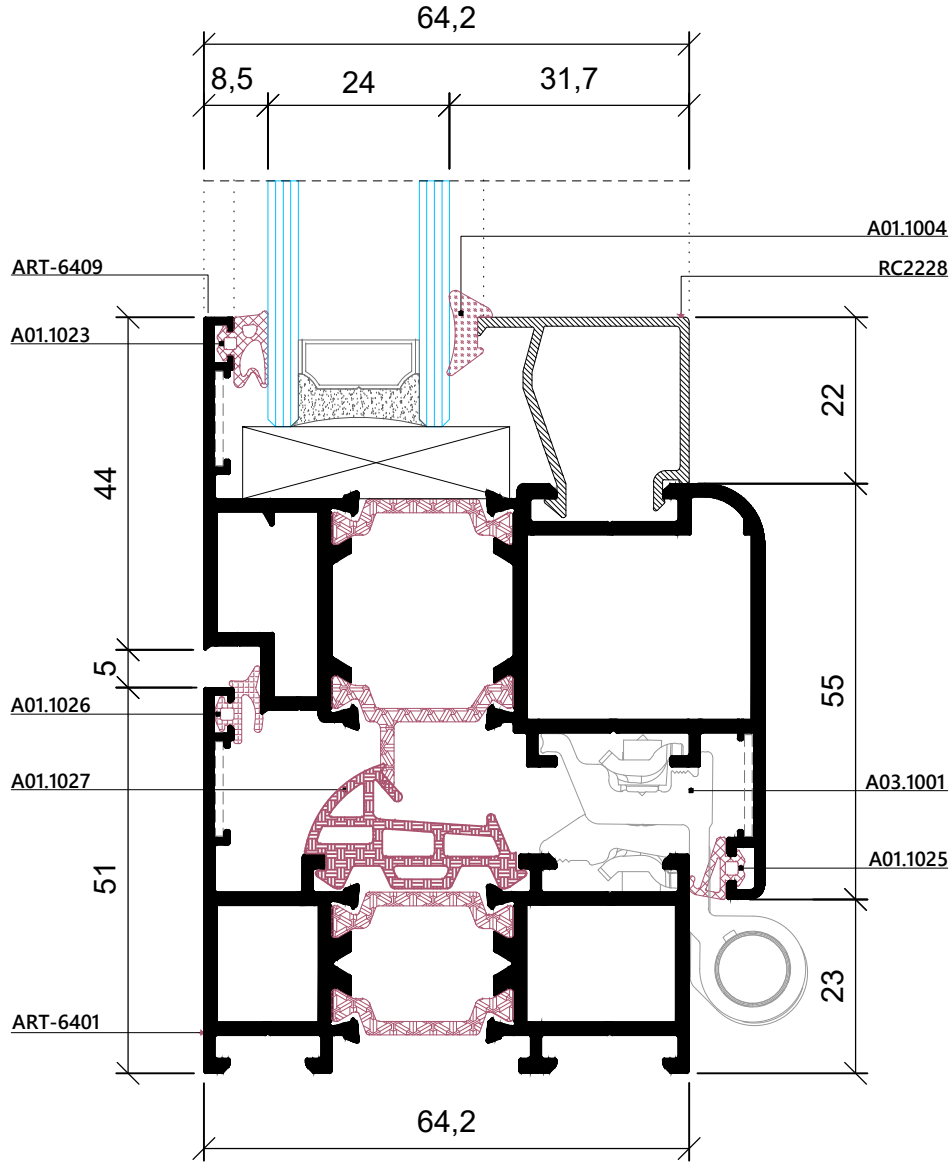
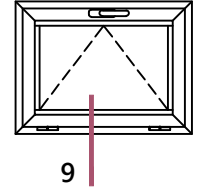
Triple Glazing Detail

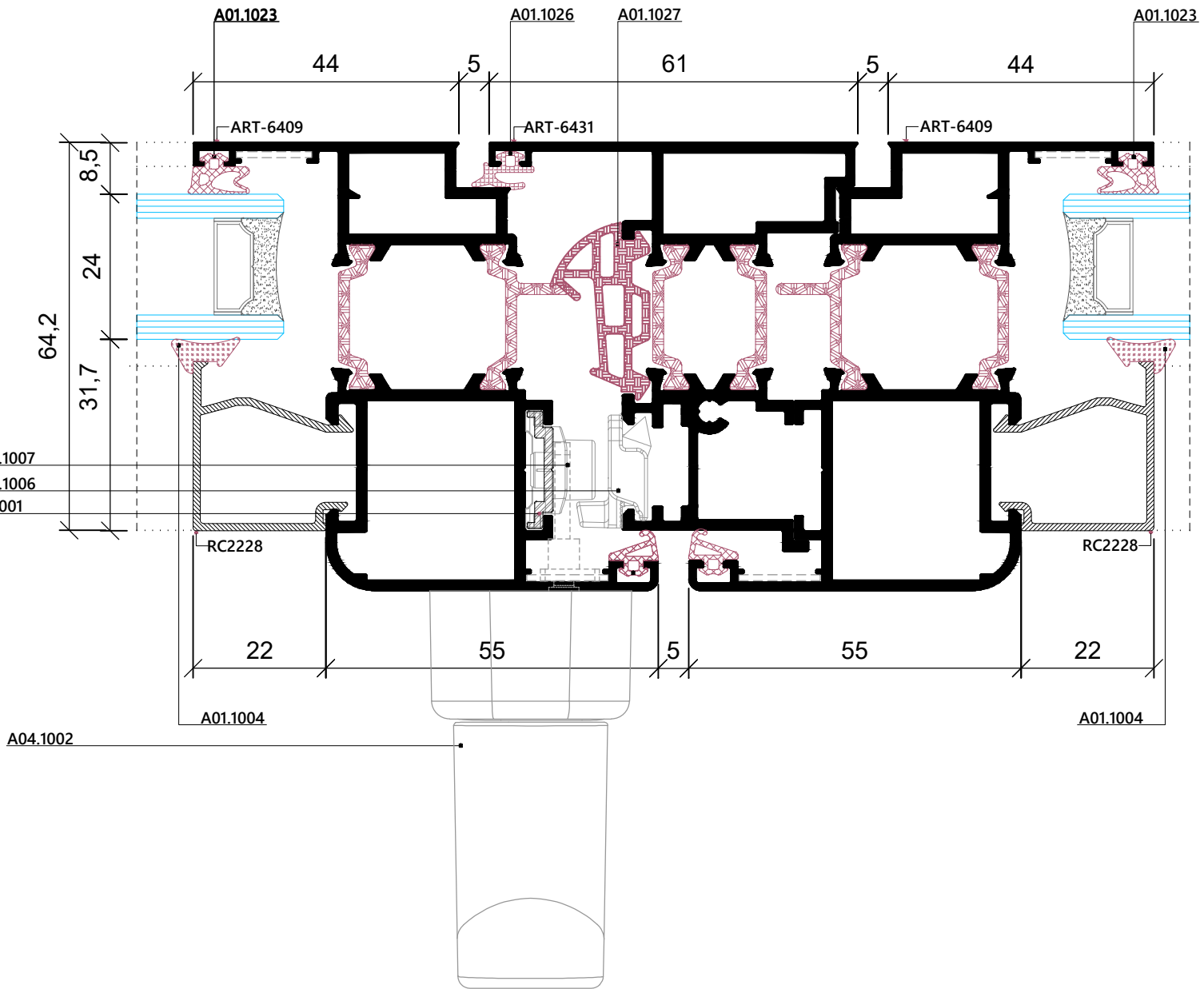
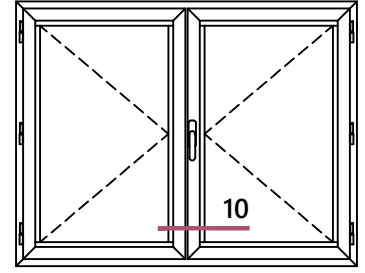


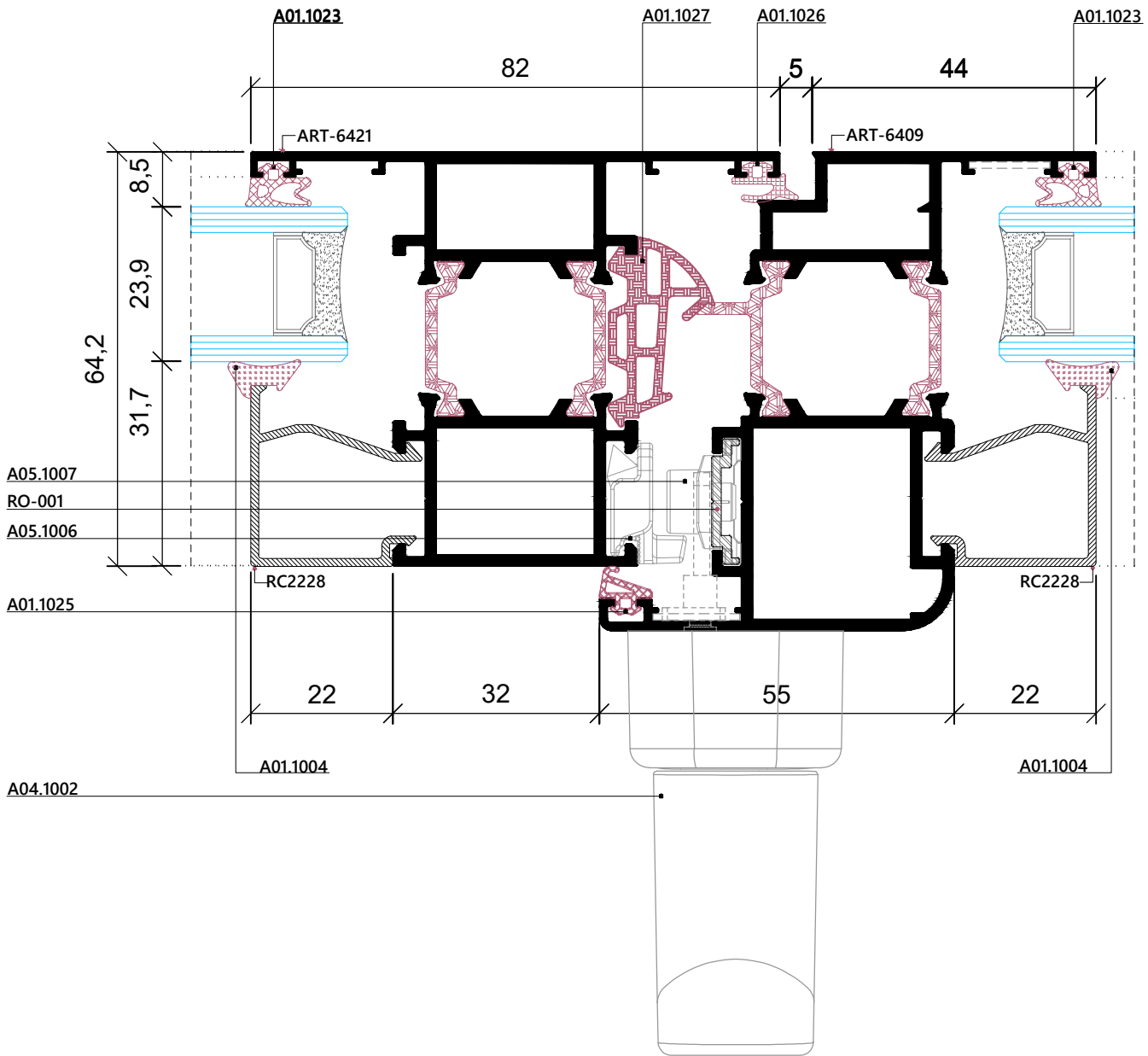
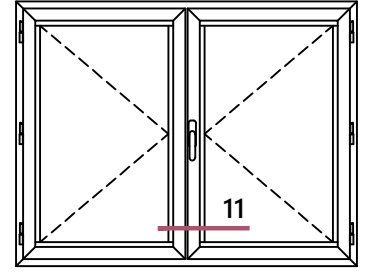
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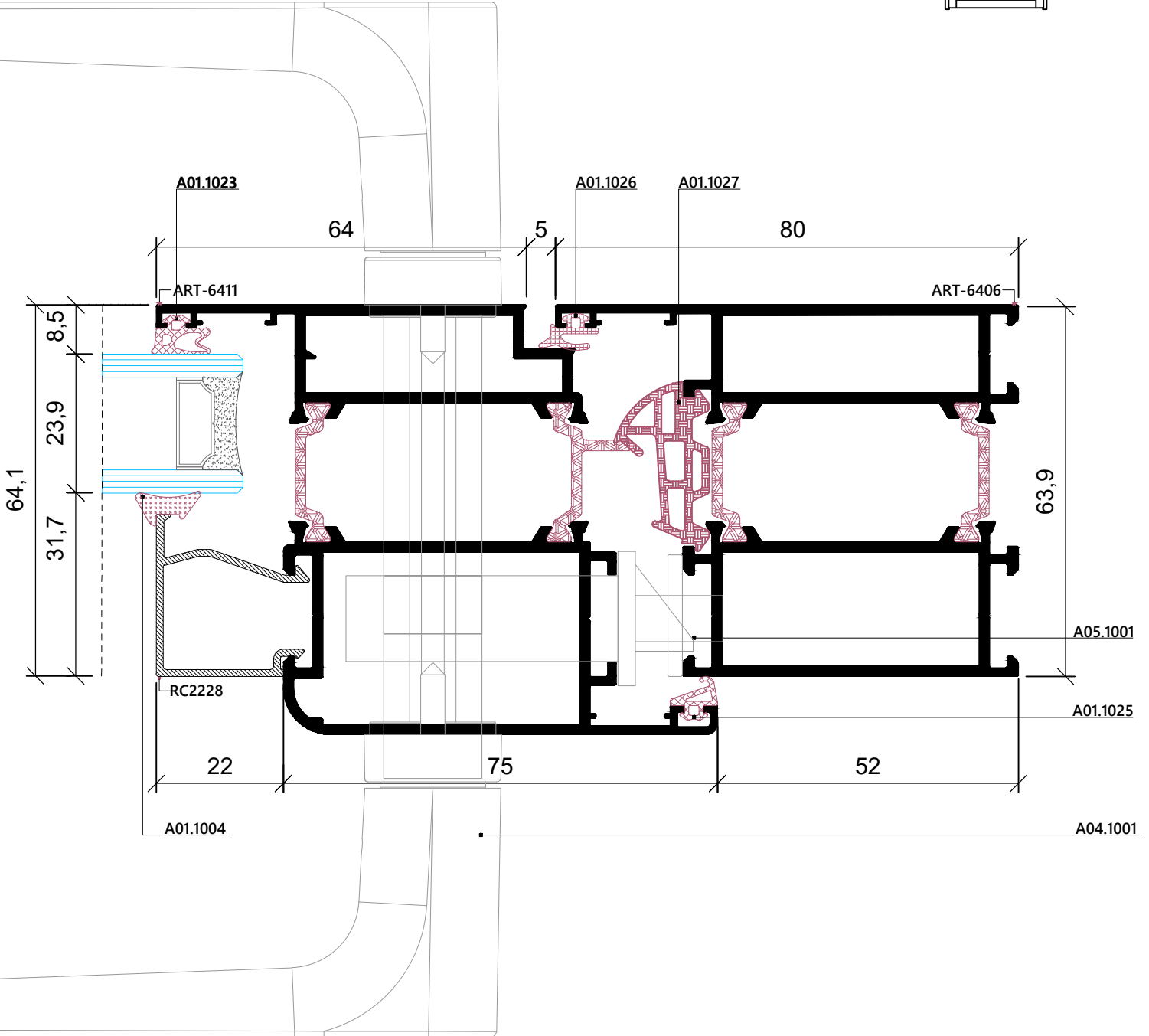
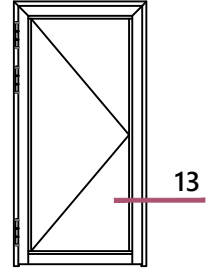
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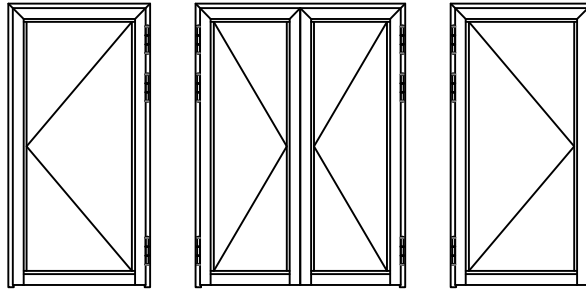


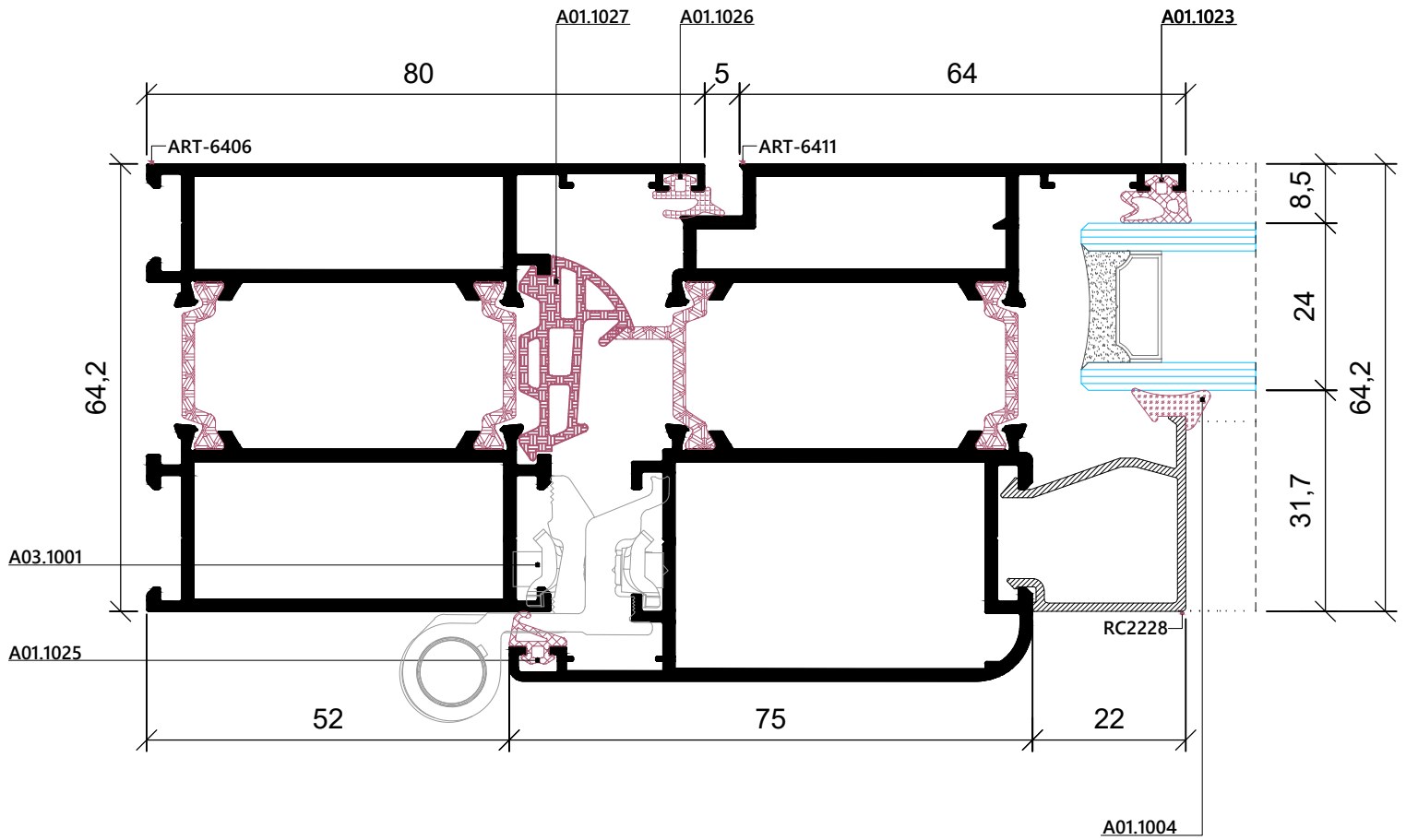
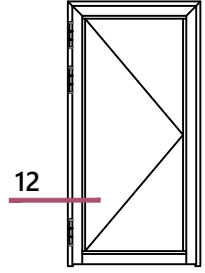


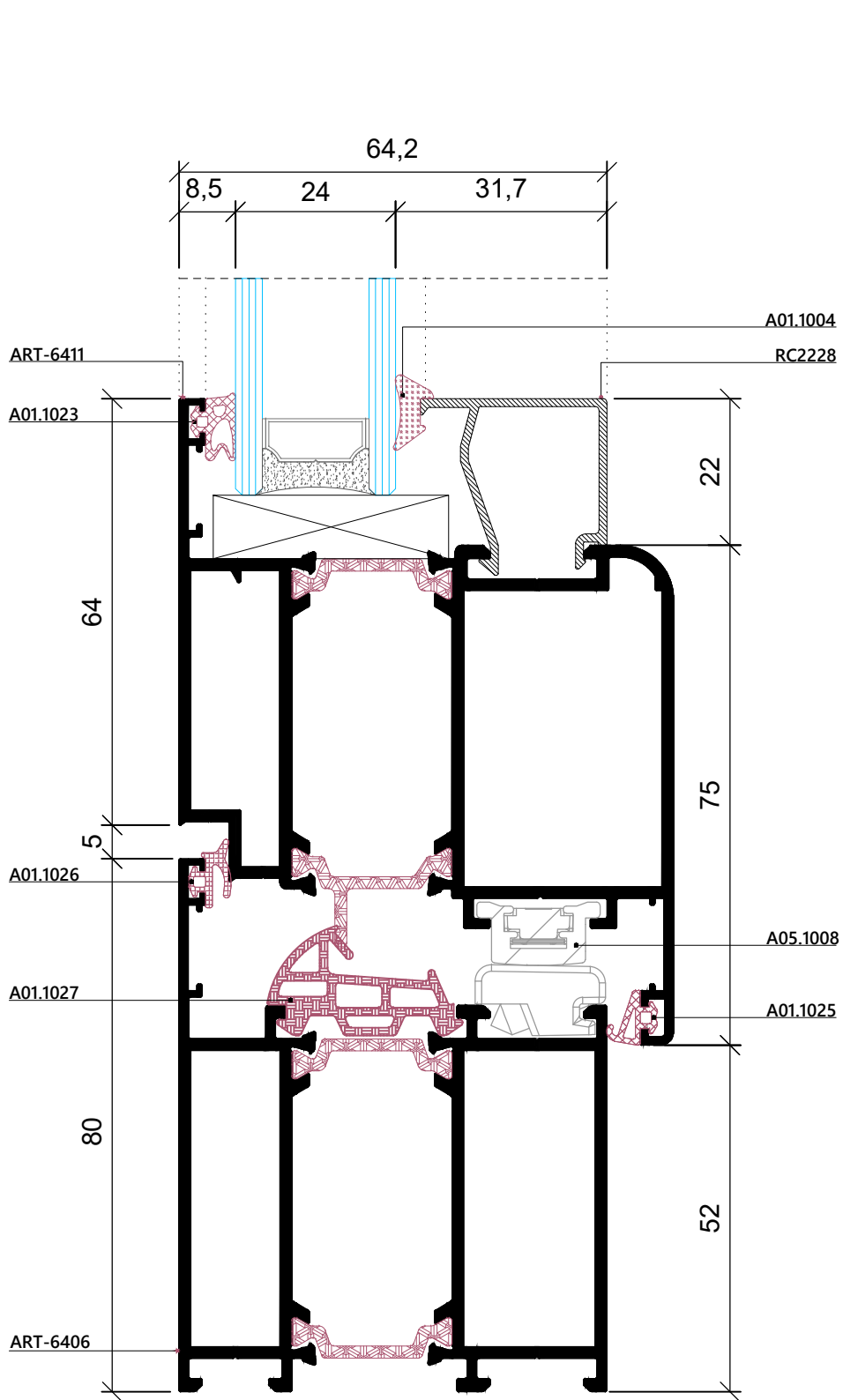


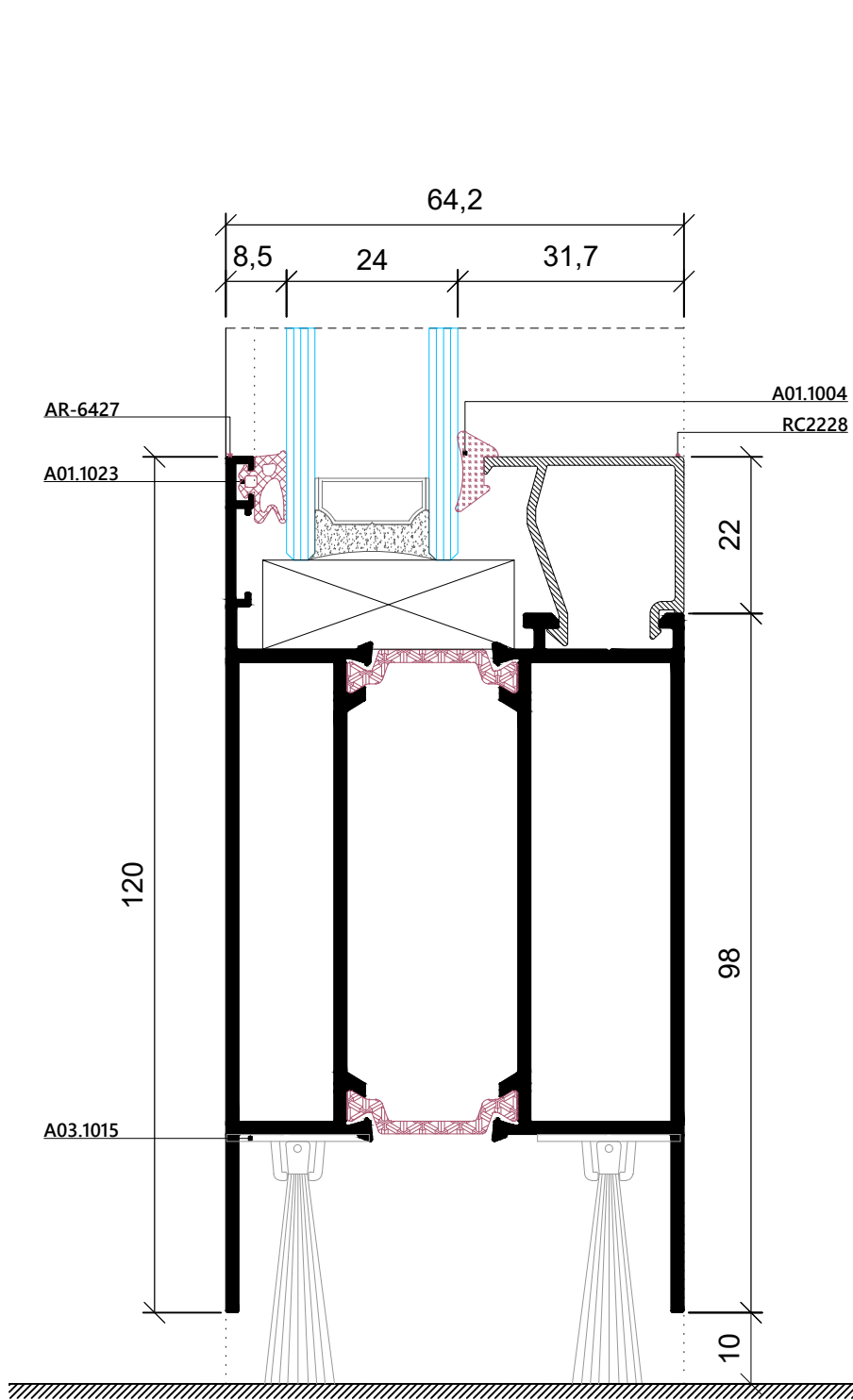


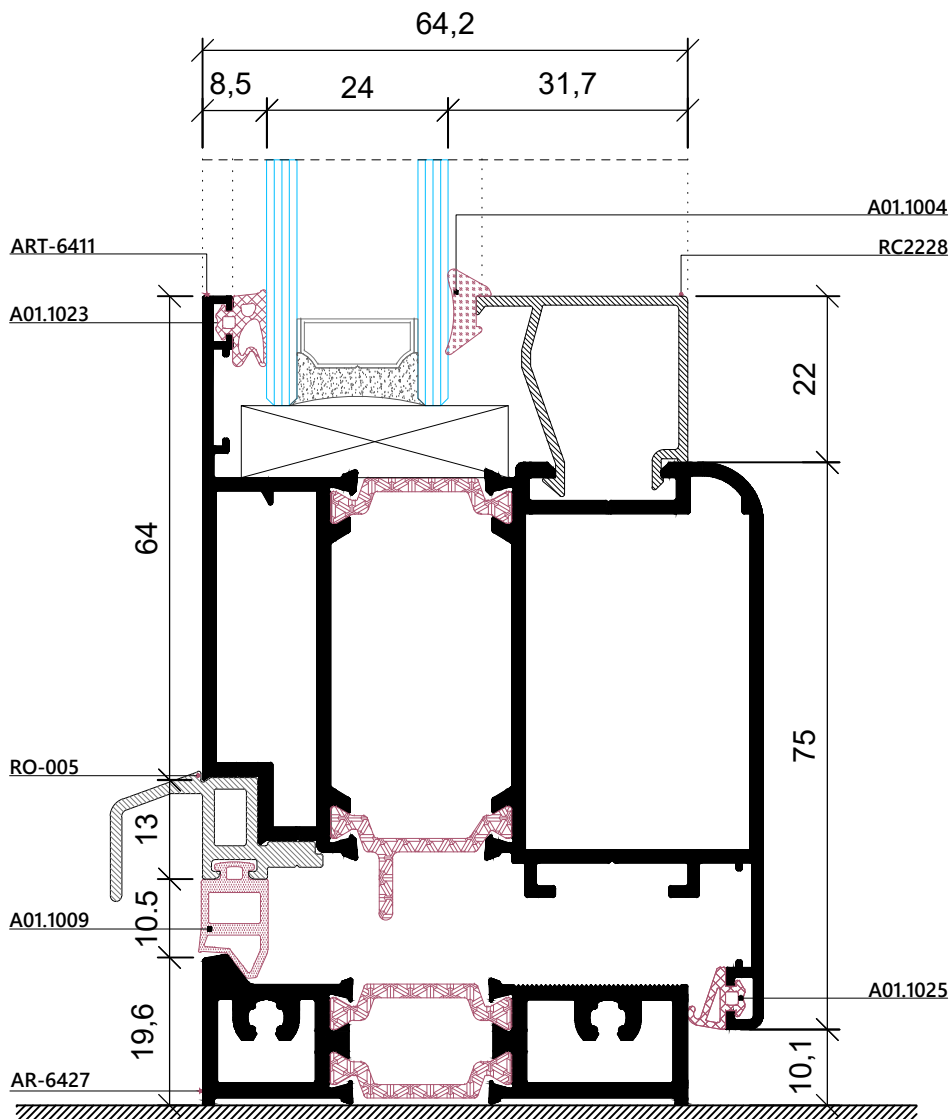
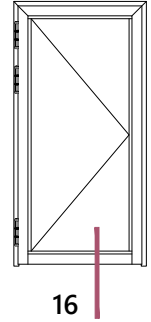
KAPI AÇILIM TİPLERİ/
DOOR OPENING TYPES

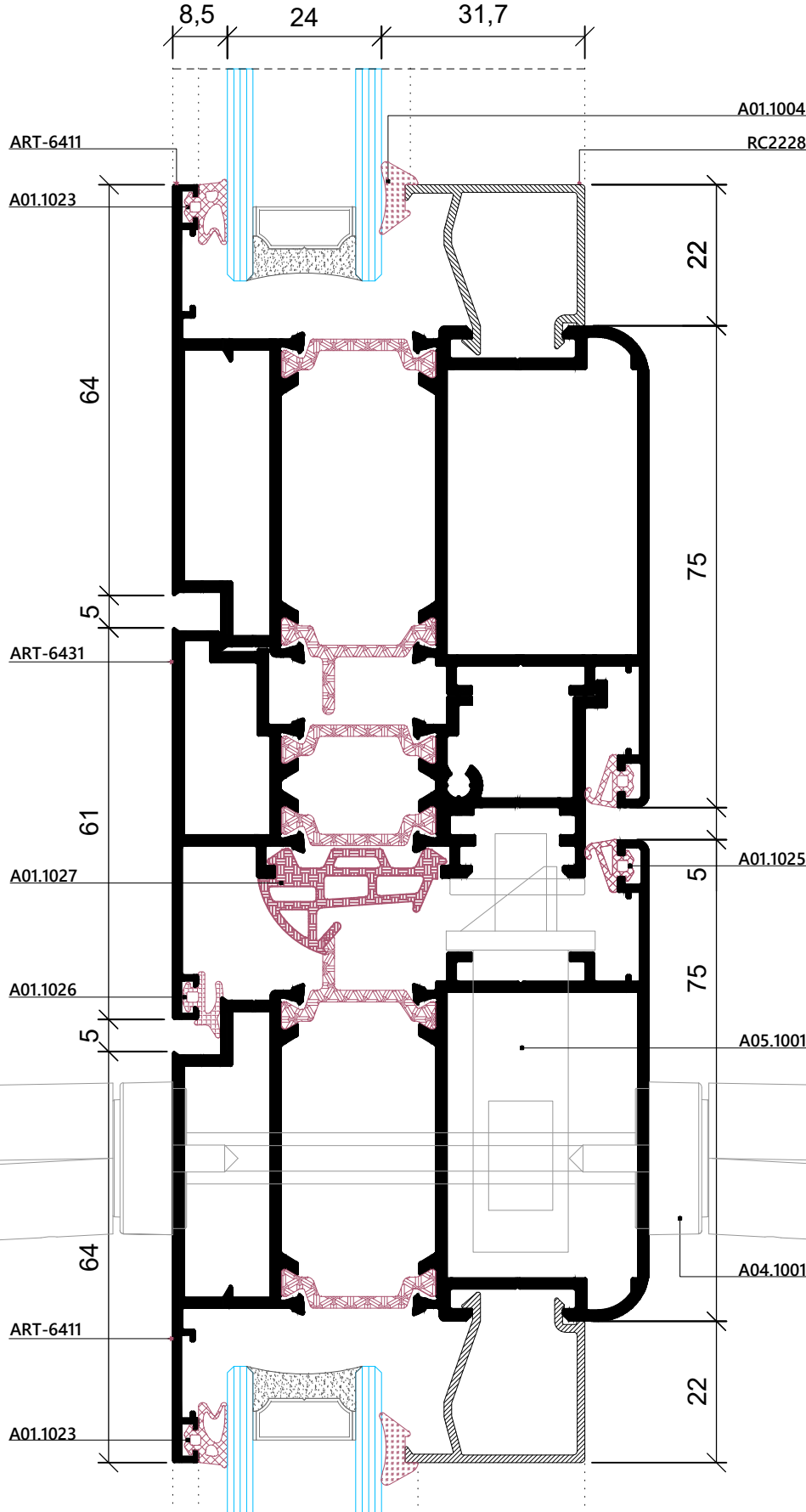


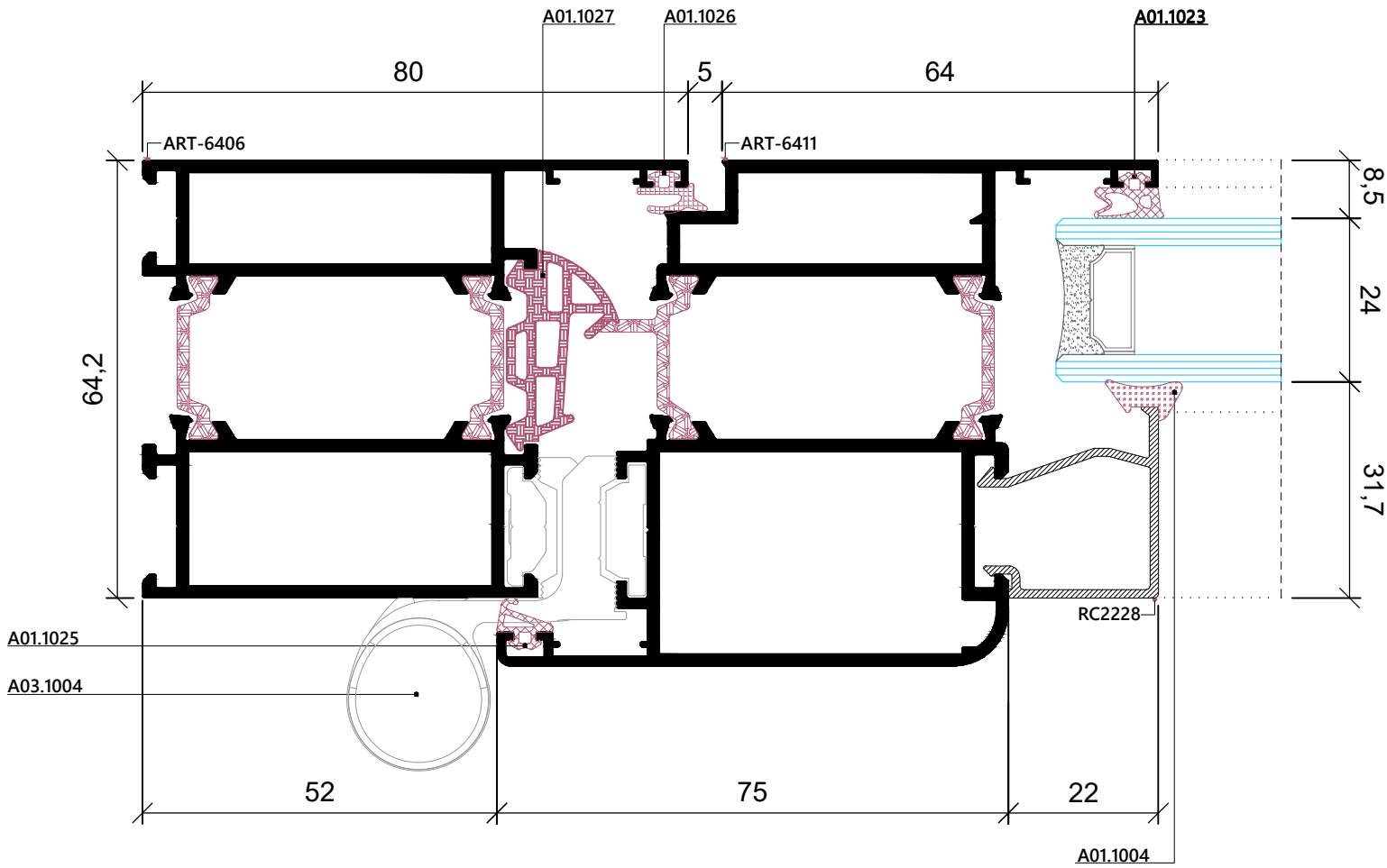
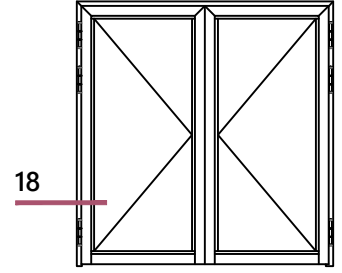


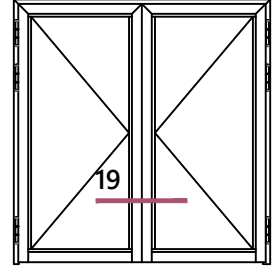
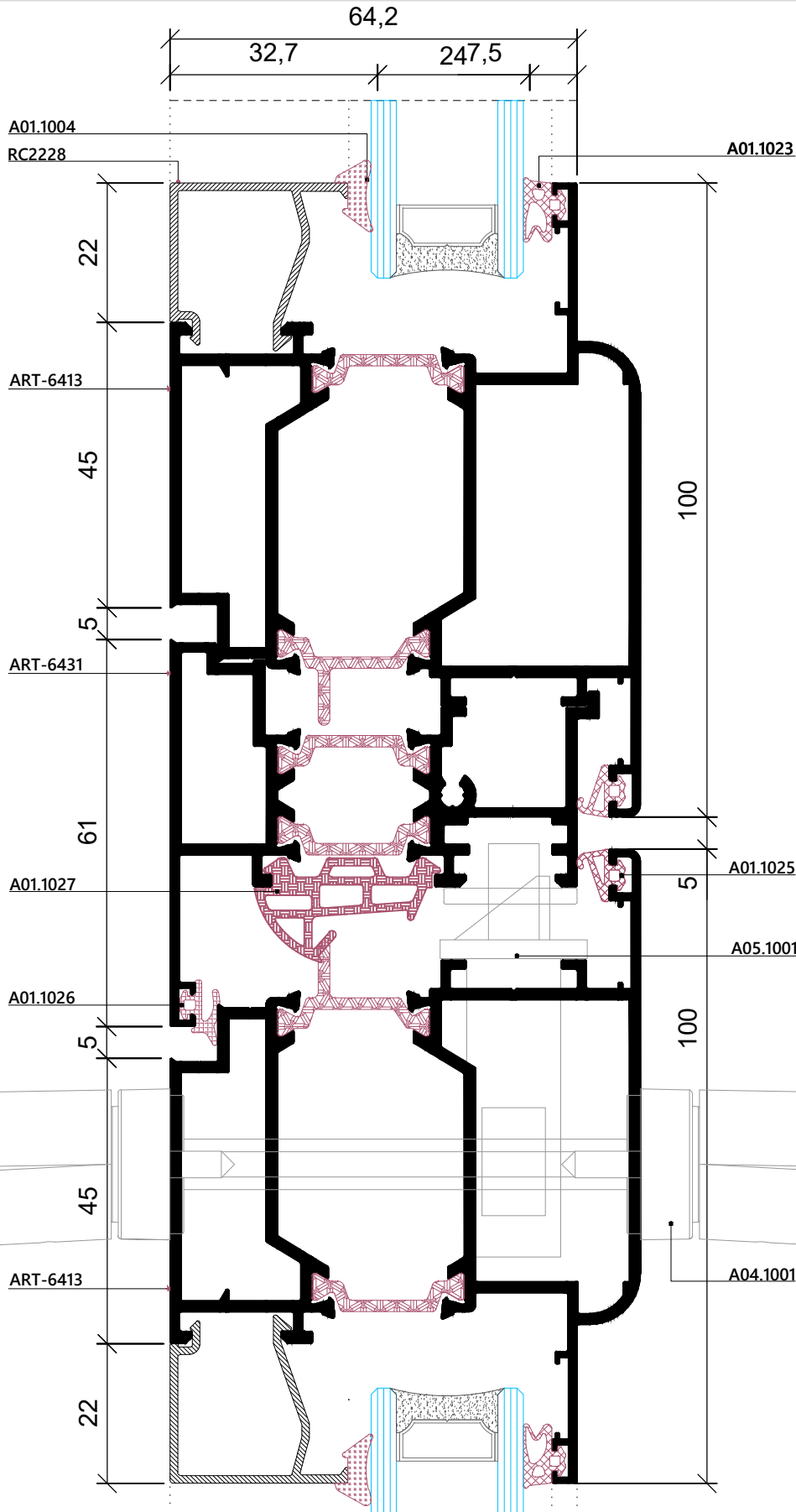


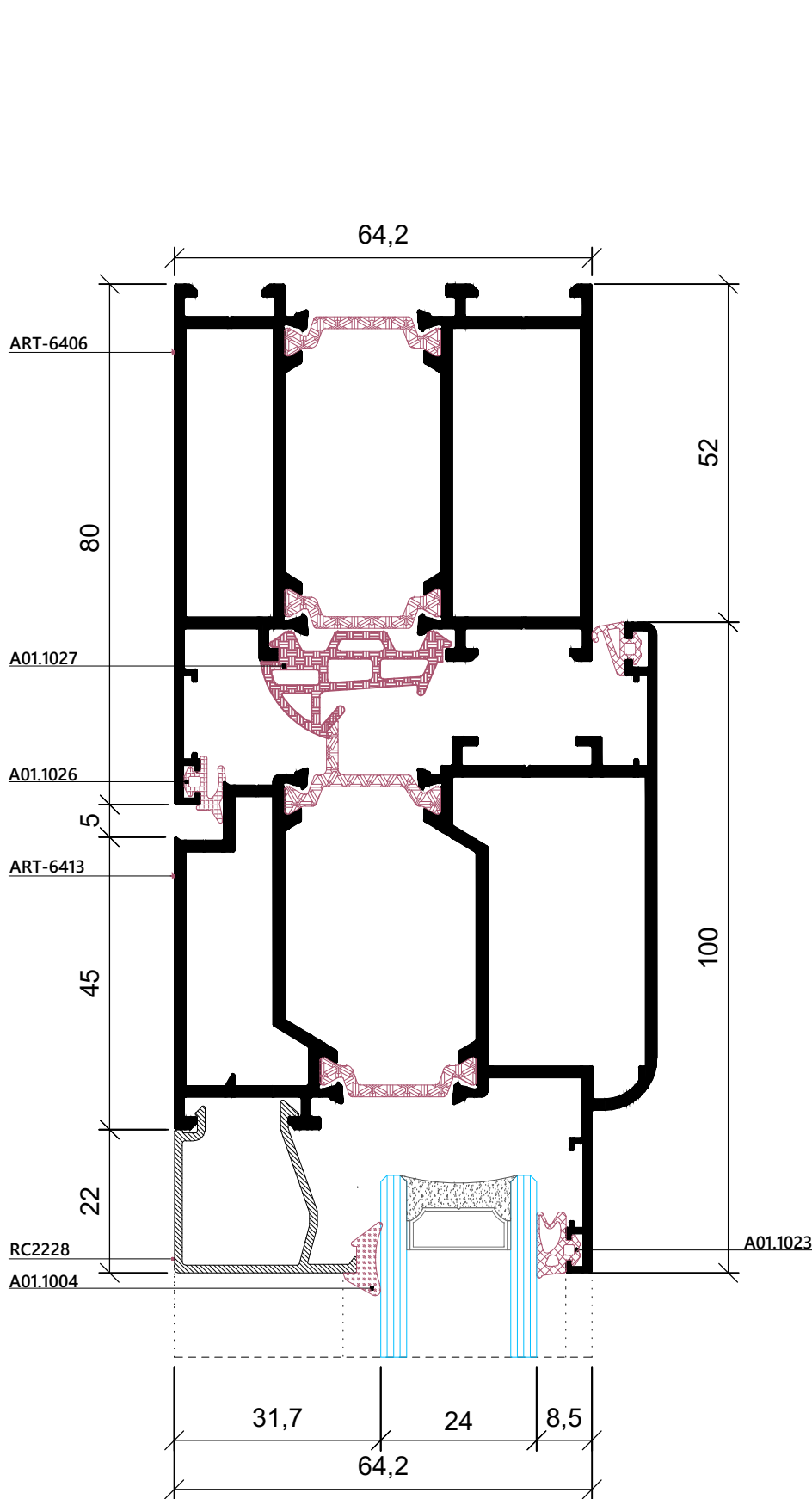


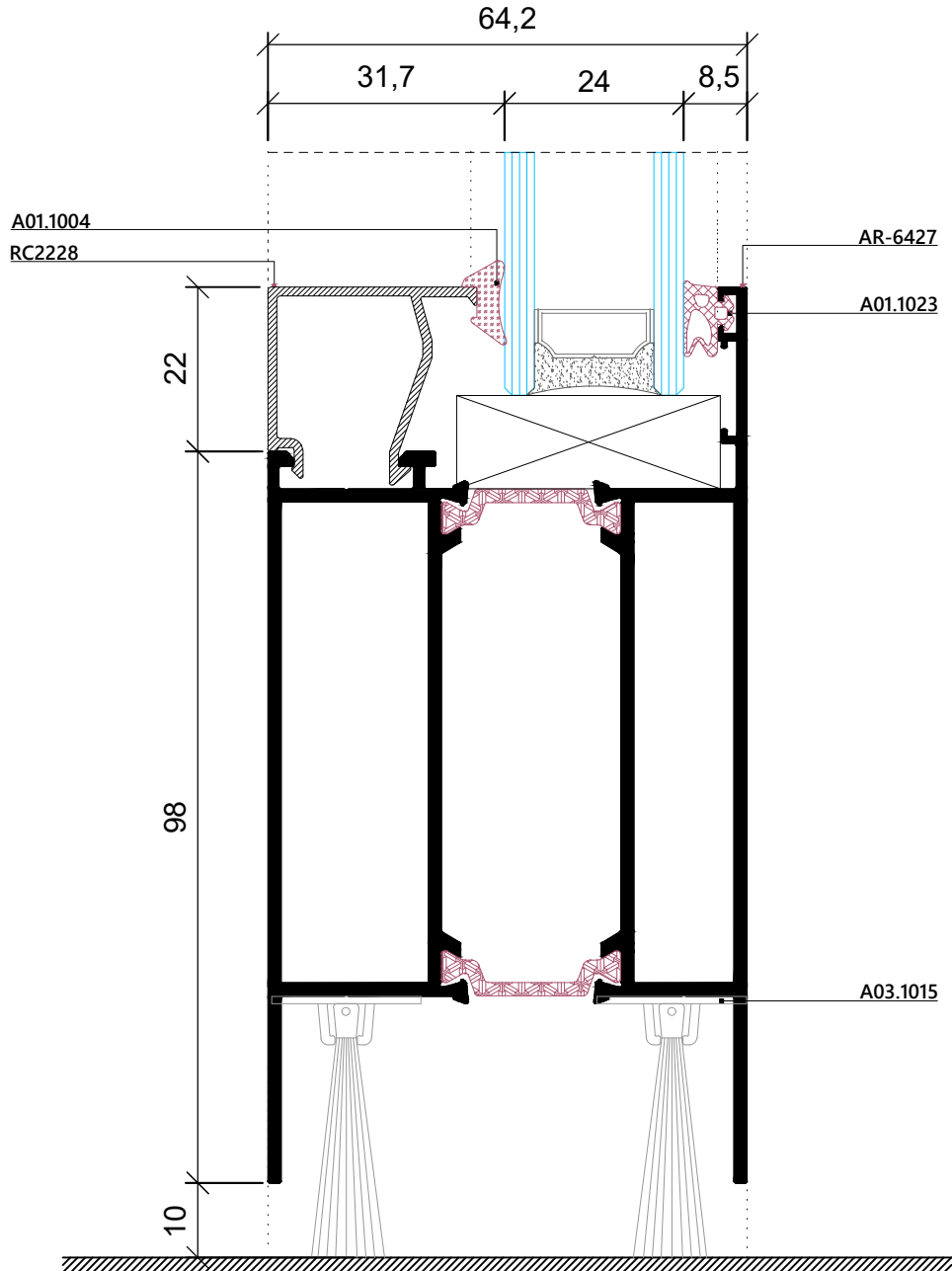
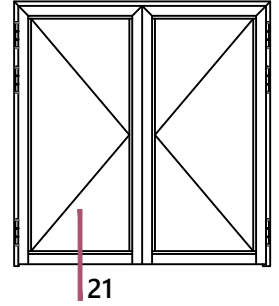


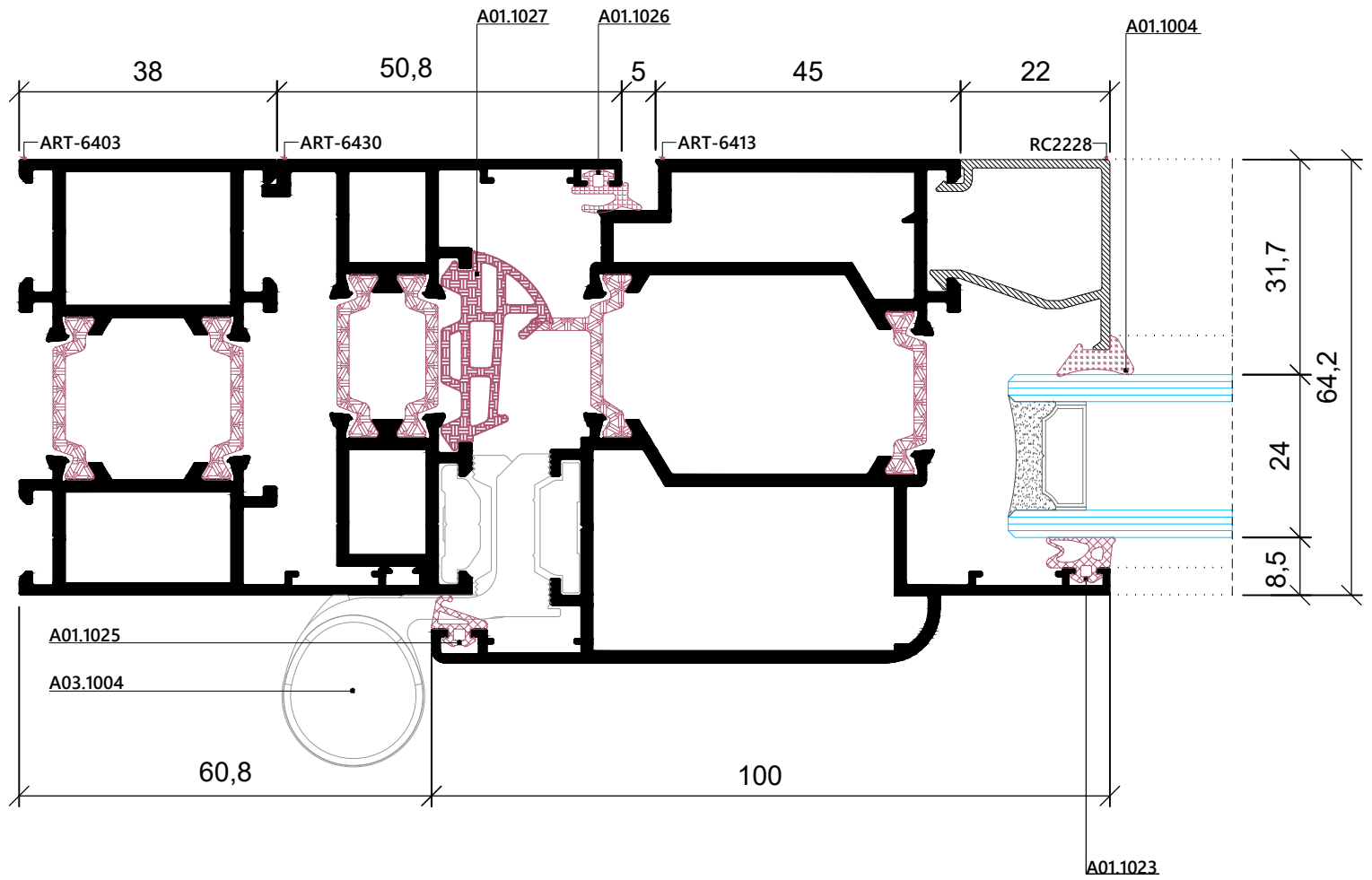
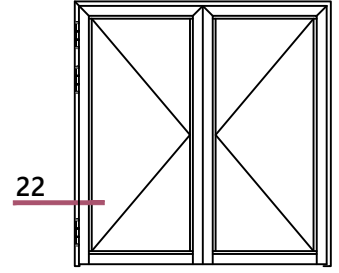


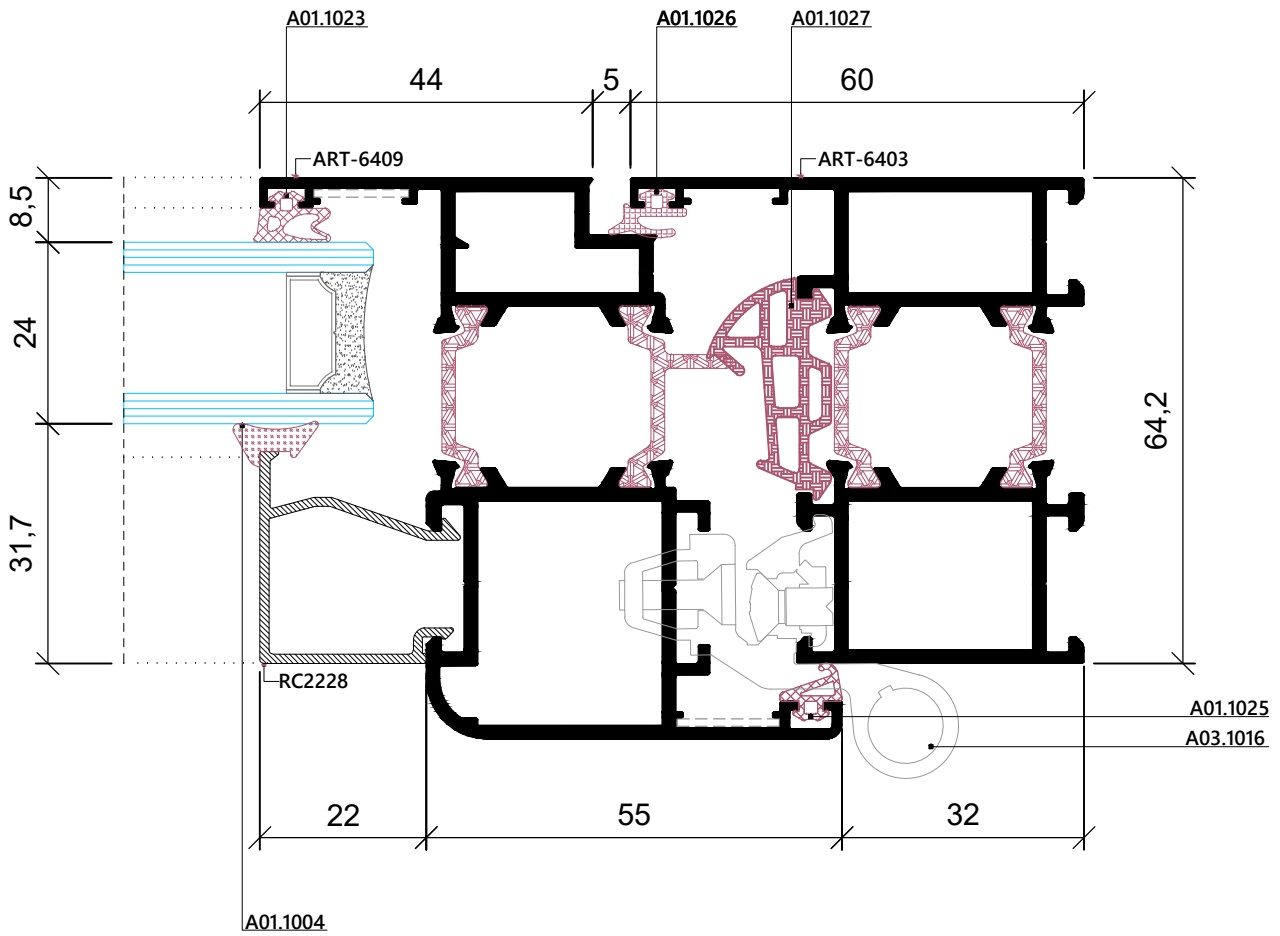
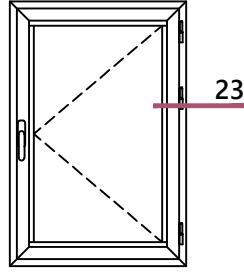


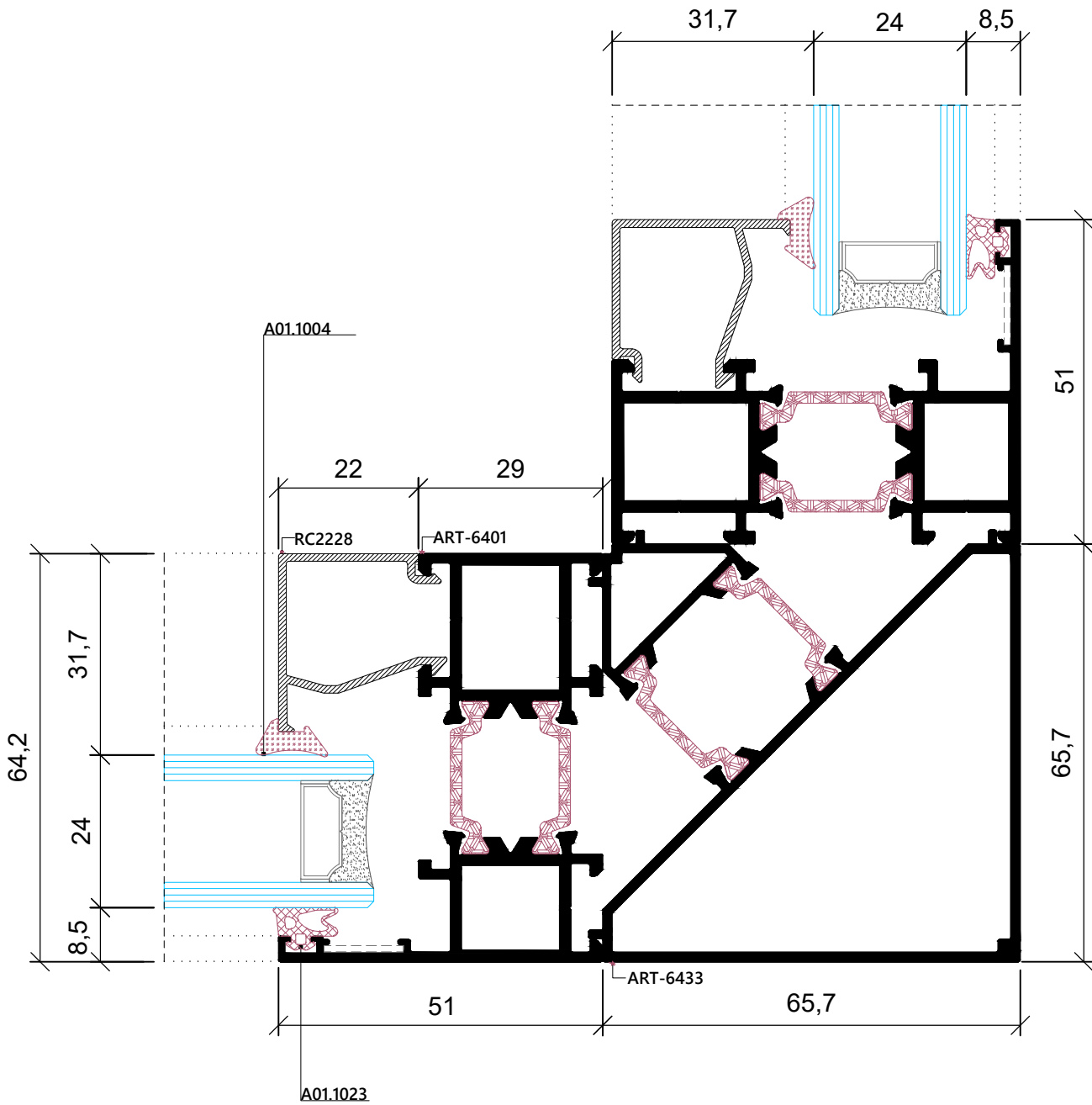
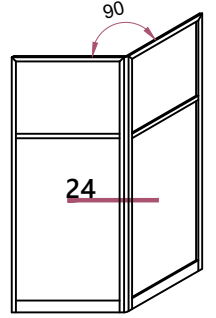


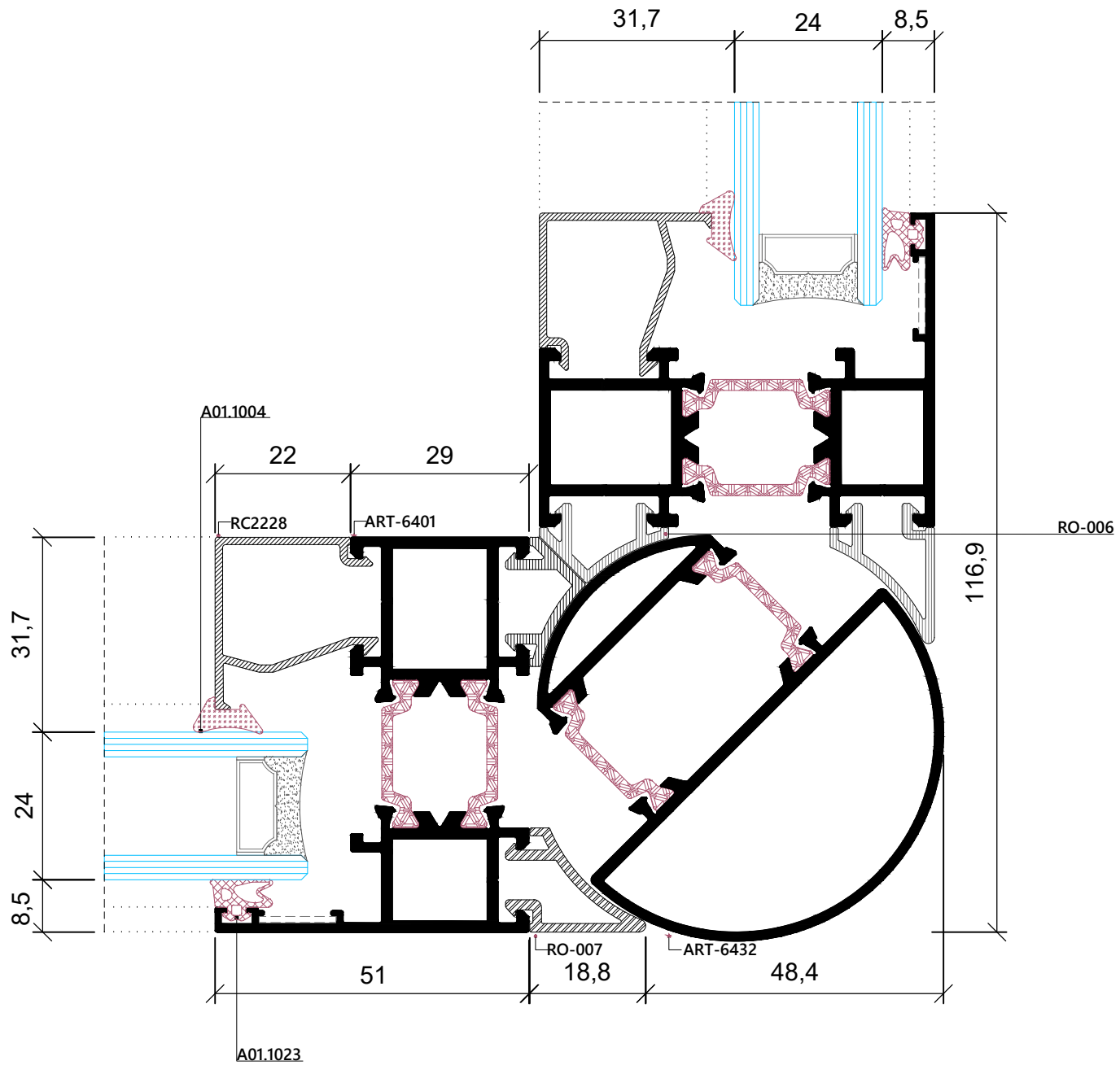
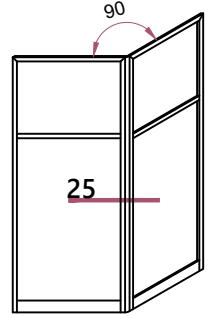










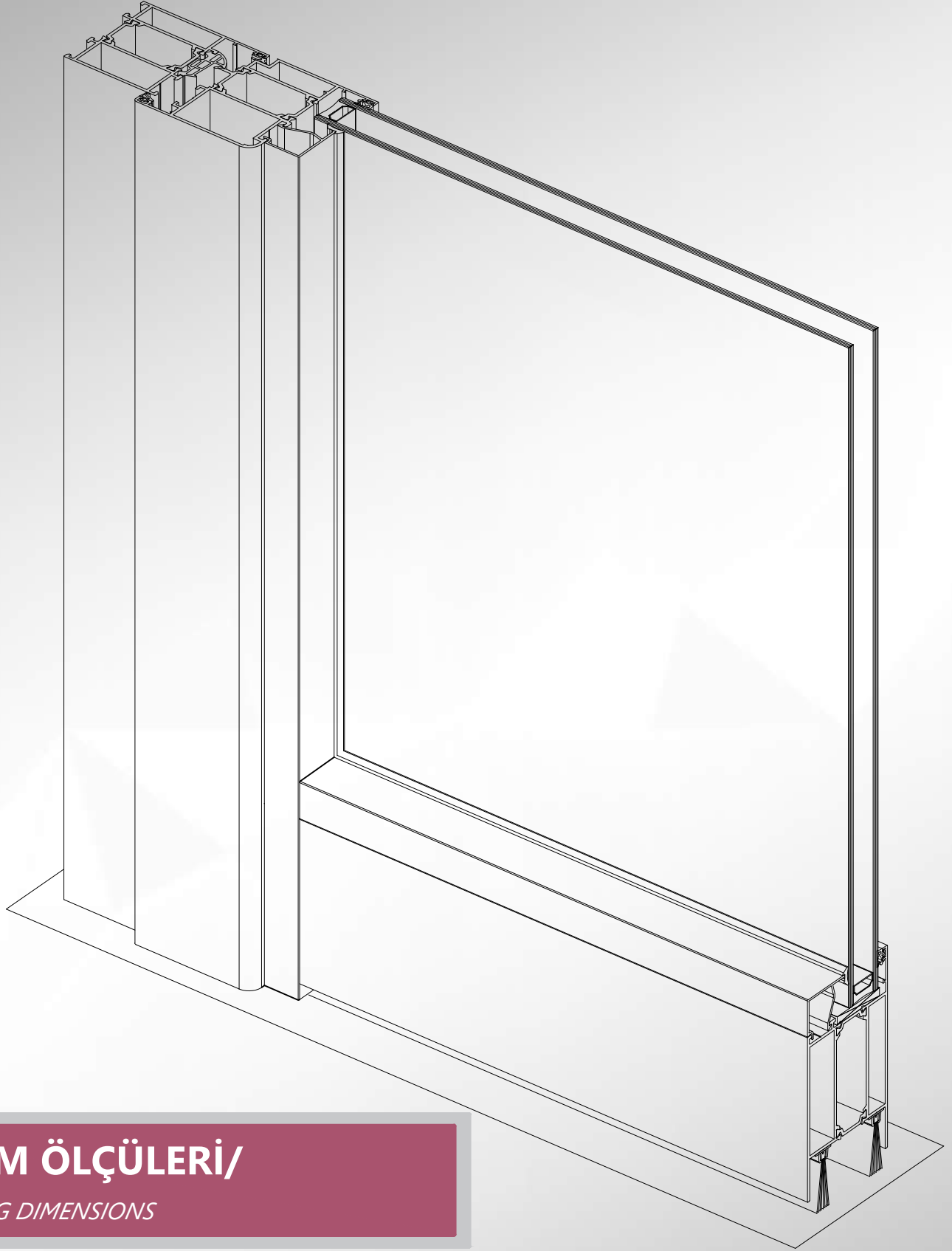




ROUTE
SYSTEMS

ART-64

DOOR & WINDOW SYSTEMS



KESİM ÖLÇÜLERİ/

CUTTING DIMENSIONS



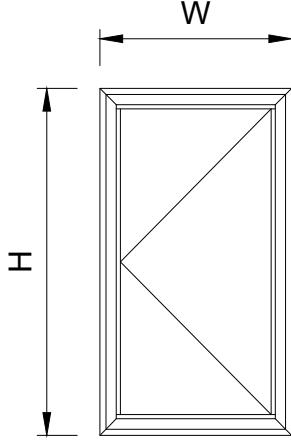
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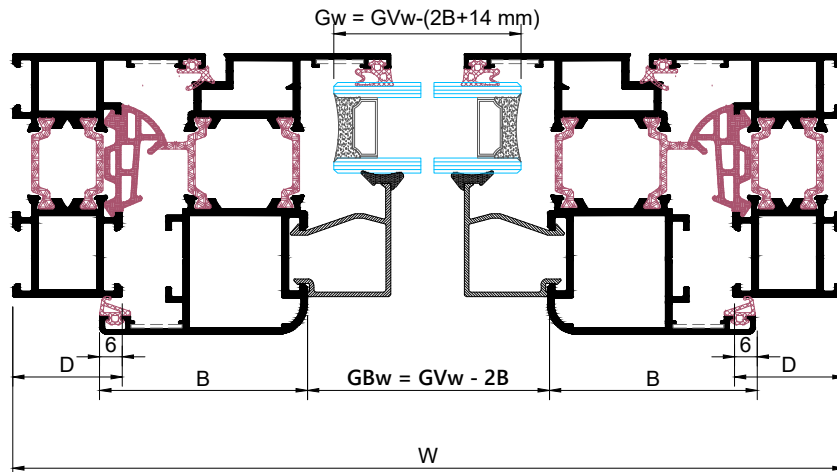
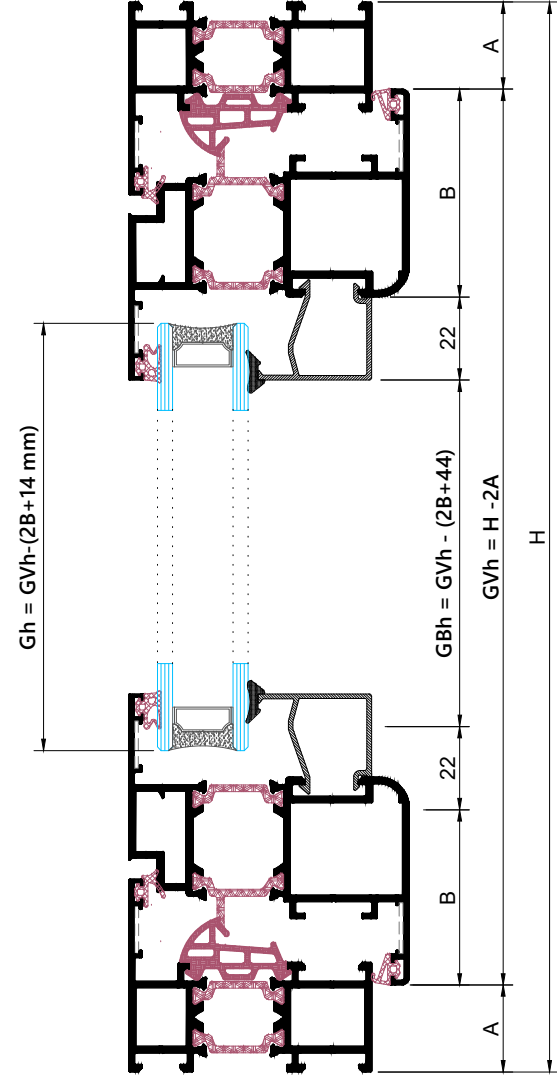


TEK KANAT PENCERE AÇILIM KESİM ÖLÇÜLERİ/ SINGLE SLASH WINDOW OPENING CUTTING DIMENSIONS



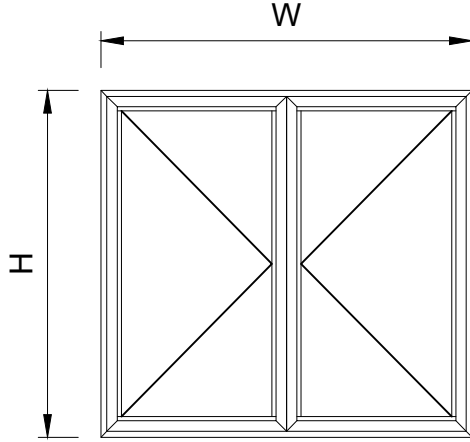
PROFİLLER PROFILES	MİKTAR AMOUNT	KESİM SHAPE	KESİM ÖLÇÜLERİ SHAPE DIMENSIONS
KASA FRAME	2 Ad. / Pcs		W
	2 Ad. / Pcs		H
KANAT VENT	2 Ad. / Pcs		GVw = W - 2A
	2 Ad. / Pcs		GVh = H - 2A
CAM ÇİTASI GLEASING BEAD	2 Ad. / Pcs		GBw = GVw - 2B
	2 Ad. / Pcs		GBh = GVh - (2B+44)

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 = Çıta Yatay Profil Kesim Ölçüsü	GBh = Çıta Düşey Profil Kesim Ölçüsü 22 = Çıta Yüksekliği (Sabit Değer)	



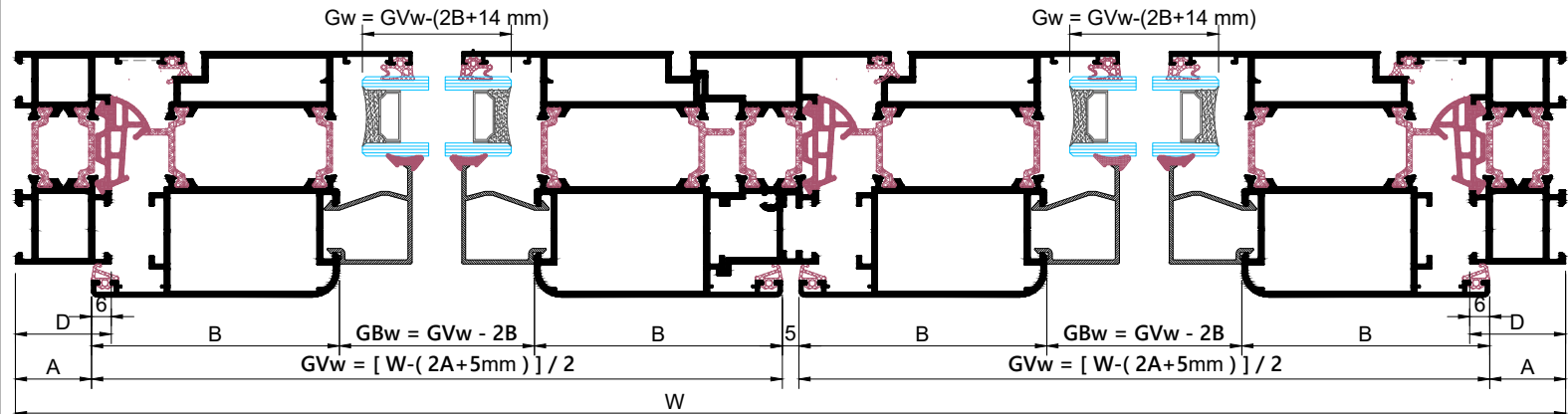
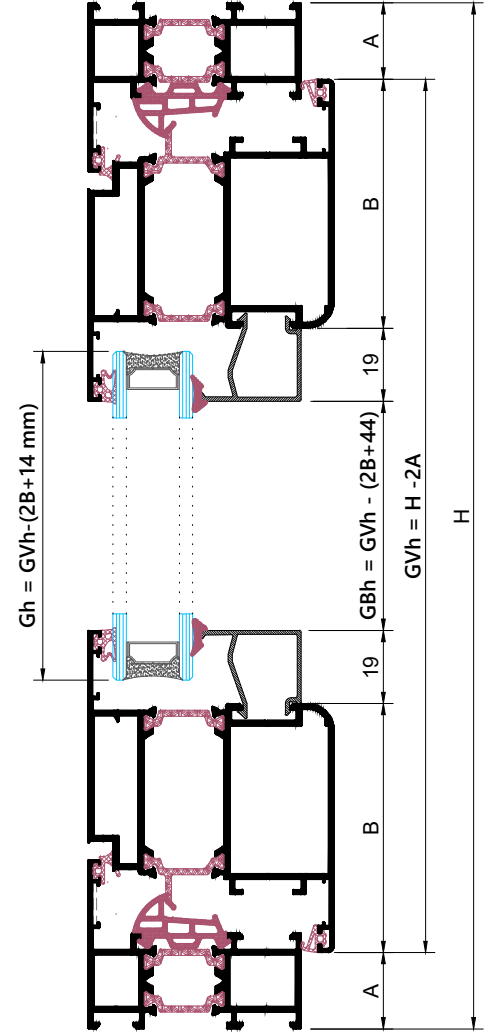


ÇİFT KANAT PENCERE AÇILIM KESİM ÖLÇÜLERİ/ DOUBLE SASH WINDOW OPENING CUTTING DIMENSIONS



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

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

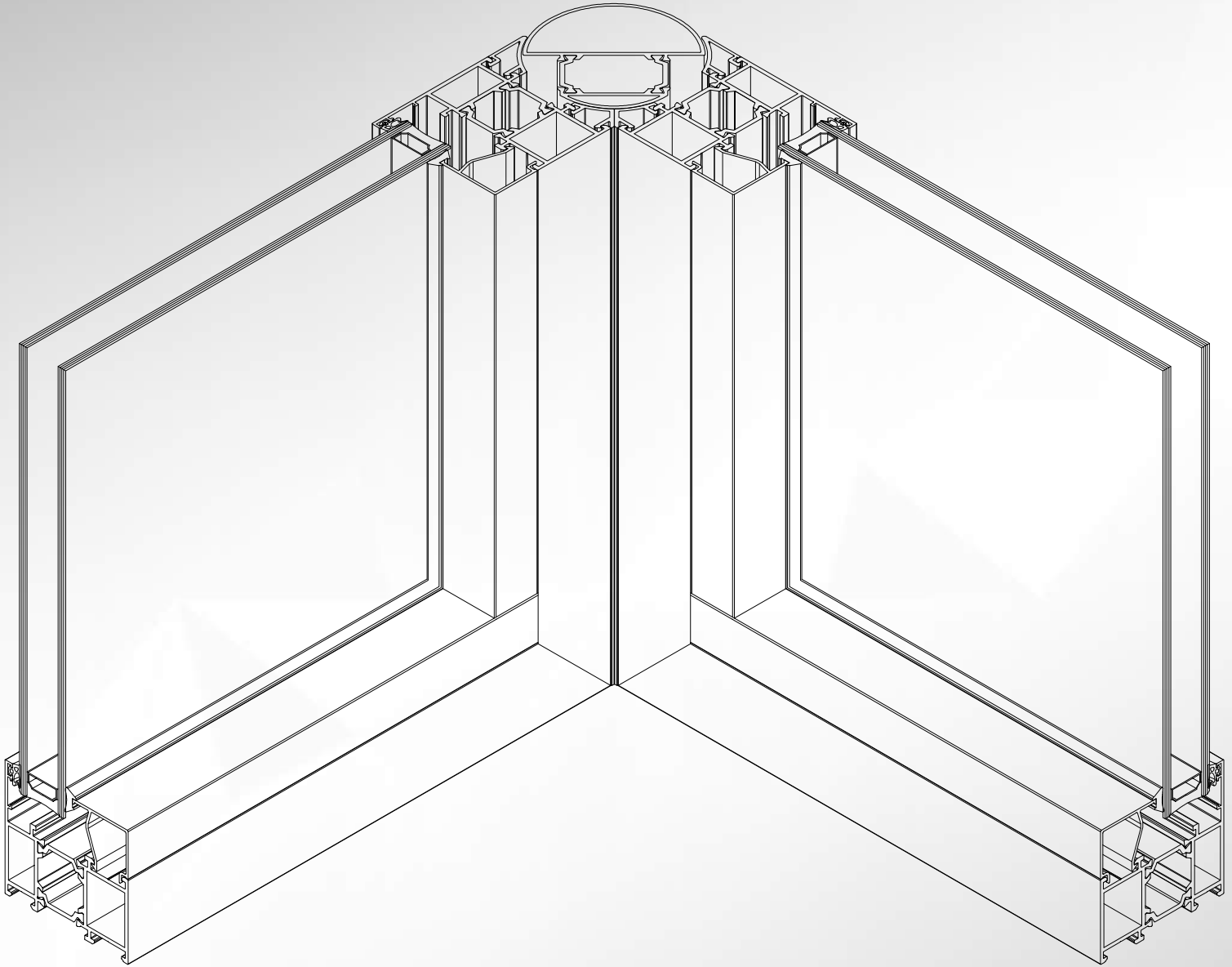




ROUTE
SYSTEMS

ART-64

DOOR & WINDOW SYSTEMS



ATÖLYE MONTAJ DETAYLARI/

WORKSHOP ASSEMBLY DETAILS



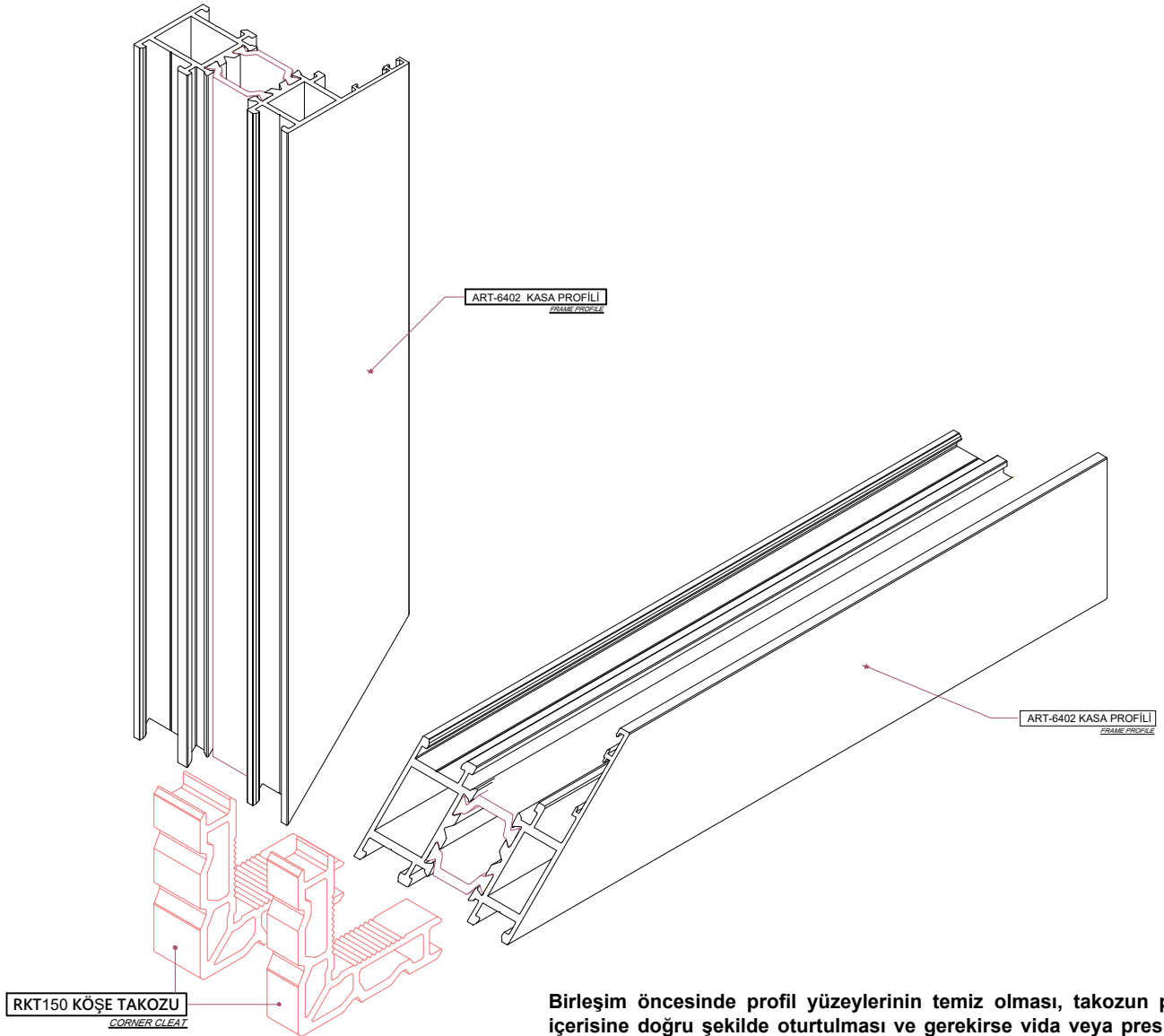
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KÖŞE TAKOZU KASA PROFİLİ BİRLEŞİM DETAYI/ CORNER CLEAT FRAME PROFILE JOINING DETAIL



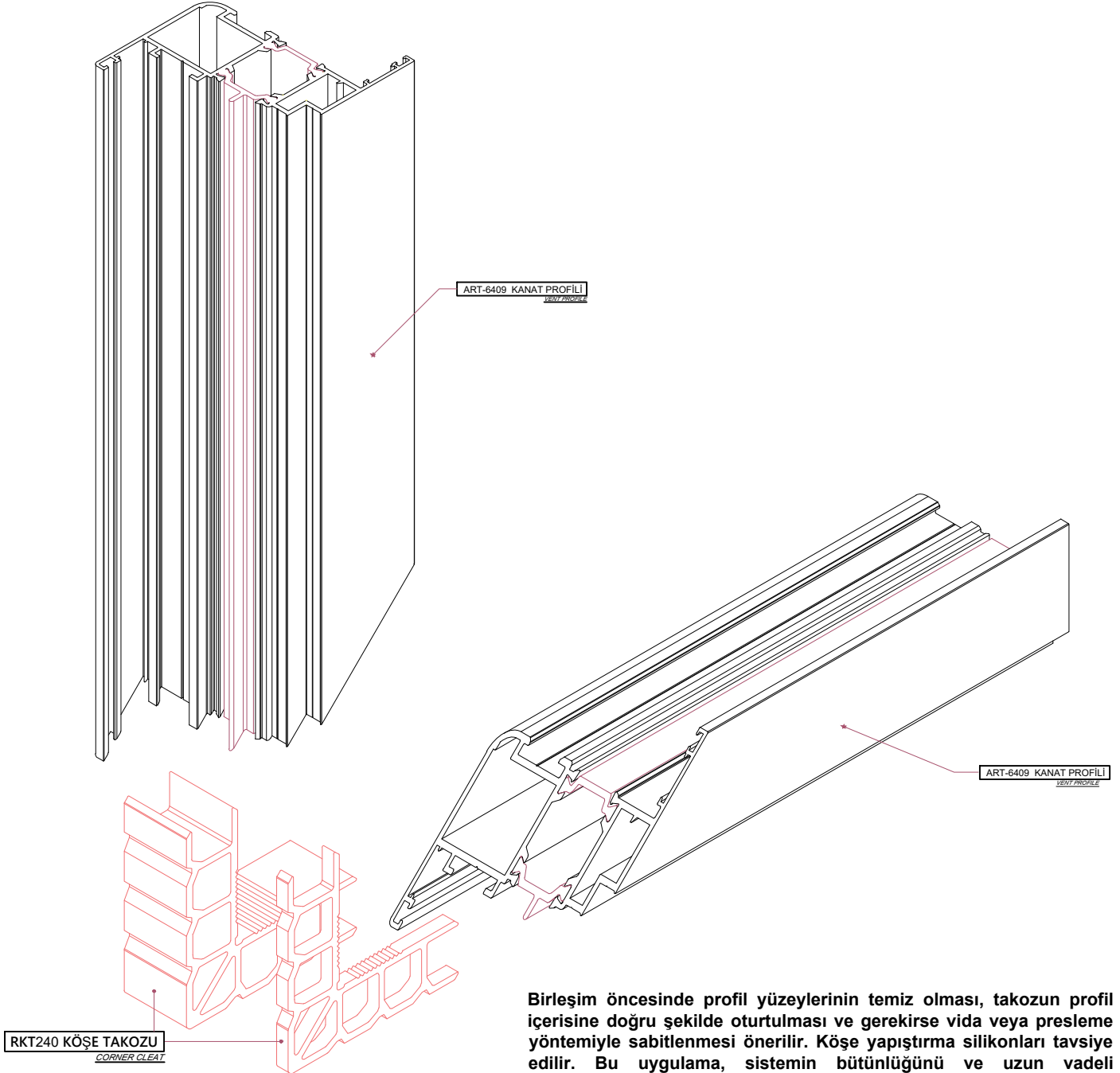
Birleşim öncesinde profil yüzeylerinin temiz olması, takozun profil içerisine doğru şekilde oturtulması ve gerekirse vida veya presleme yöntemiyle sabitlenmesi önerilir. Köşe yapıştırma silikonları tavsiye edilir. Bu uygulama, sistemin bütünlüğünü ve uzun vadeli performansını doğrudan etkiler.

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



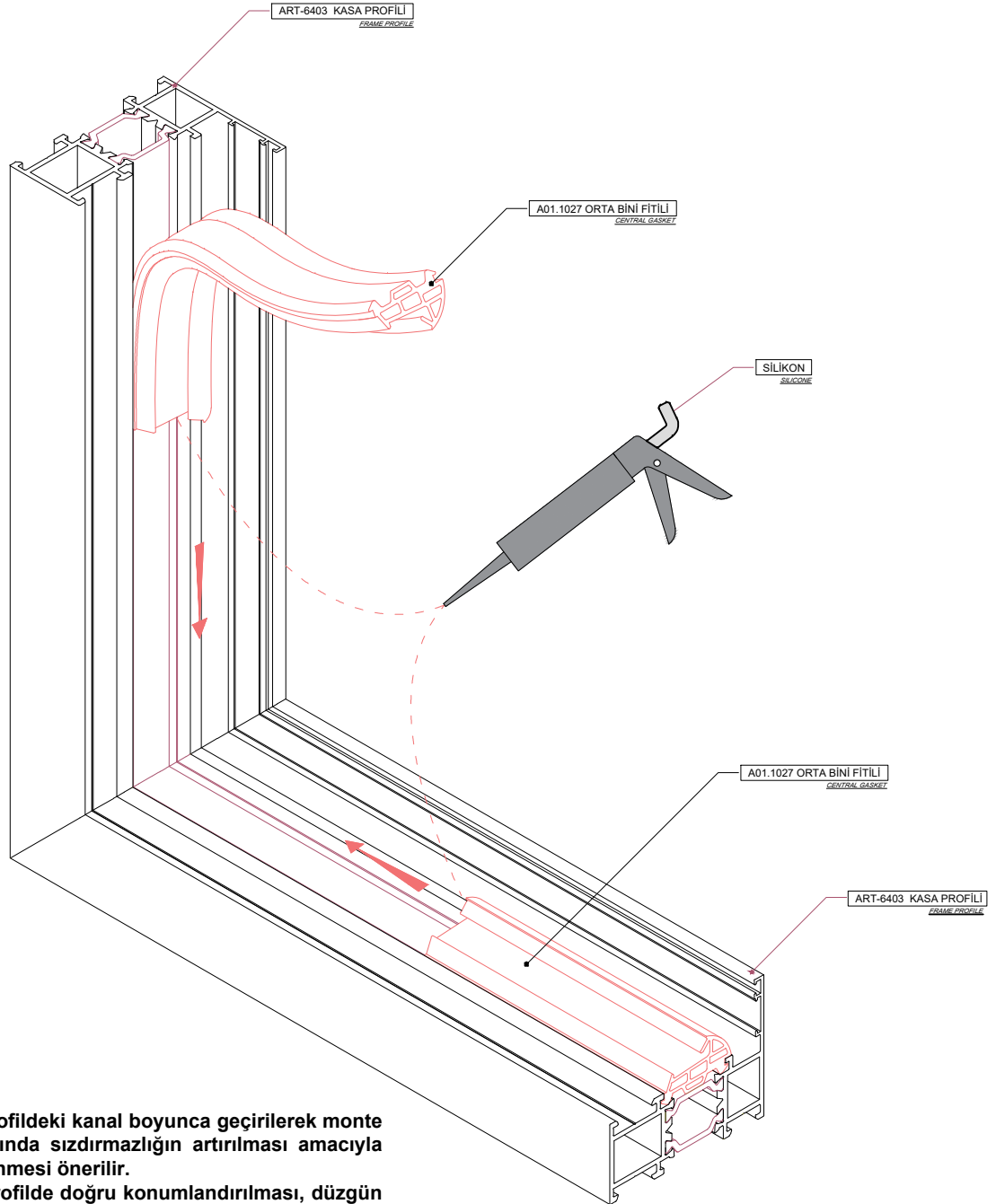
Birleşim öncesinde profil yüzeylerinin temiz olması, takozun profil içerisine doğru şekilde oturtulması ve gerekirse vida veya presleme yöntemiyle sabitlenmesi önerilir. Köşe yapıştırma silikonları tavsiye edilir. Bu uygulama, sistemin bütünlüğünü ve uzun vadeli performansını doğrudan etkiler.

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.



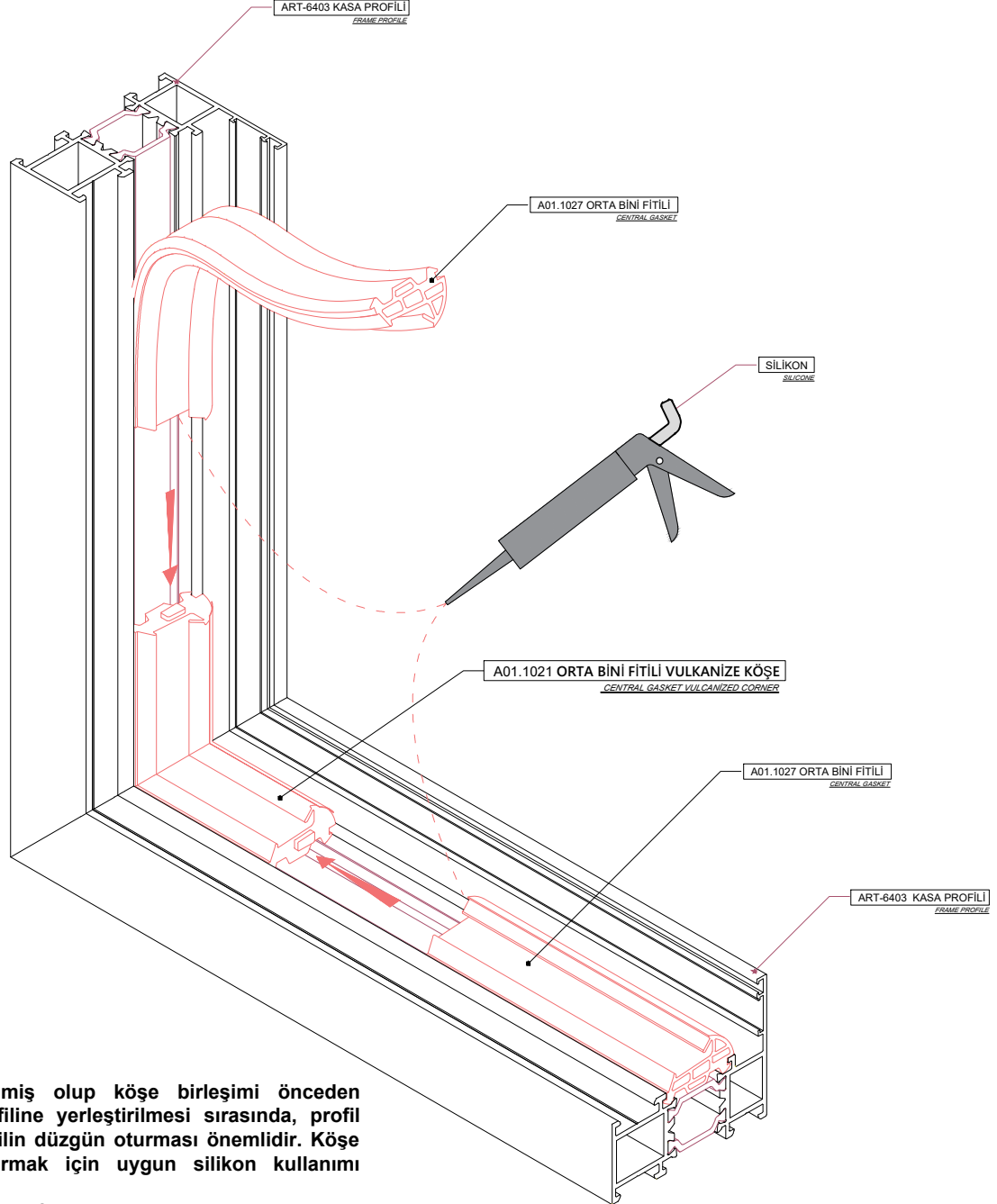
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VULKALİZE KÖŞE BİRLEŞİM DETAYI/ VULCANIZED CORNER JOINING DETAIL



Fitil, 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.

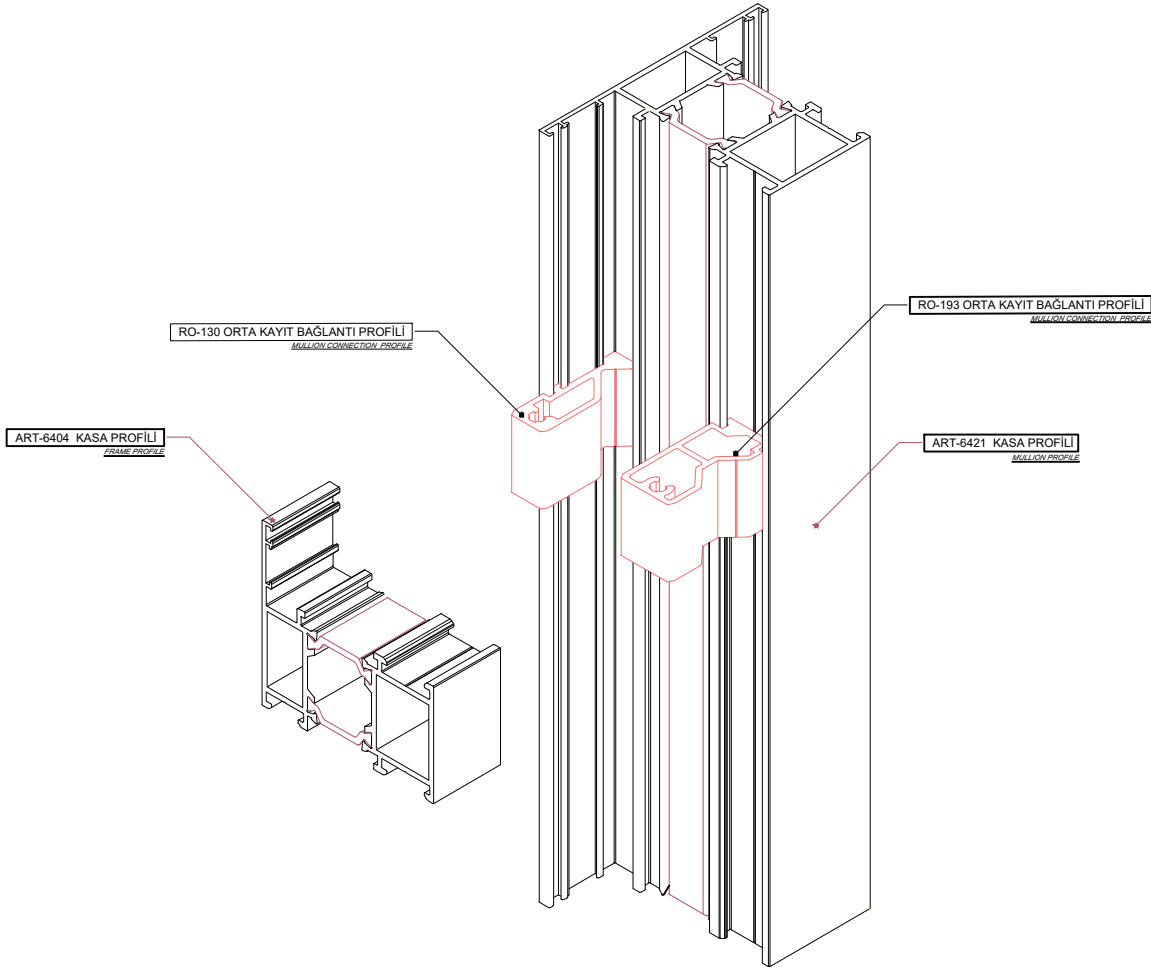
The gasket is produced as a single piece with pre-joined corners. During installation, profile channels must be clean, and the gasket must be properly seated. For enhanced corner sealing, suitable silicone application is recommended.

□□ **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.





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



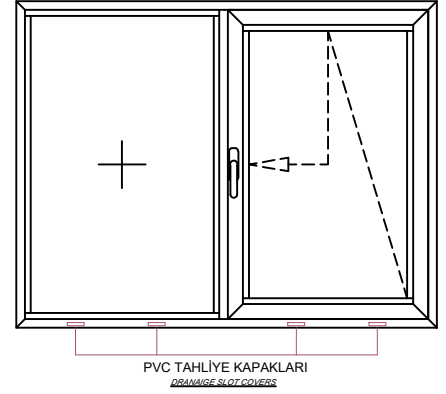
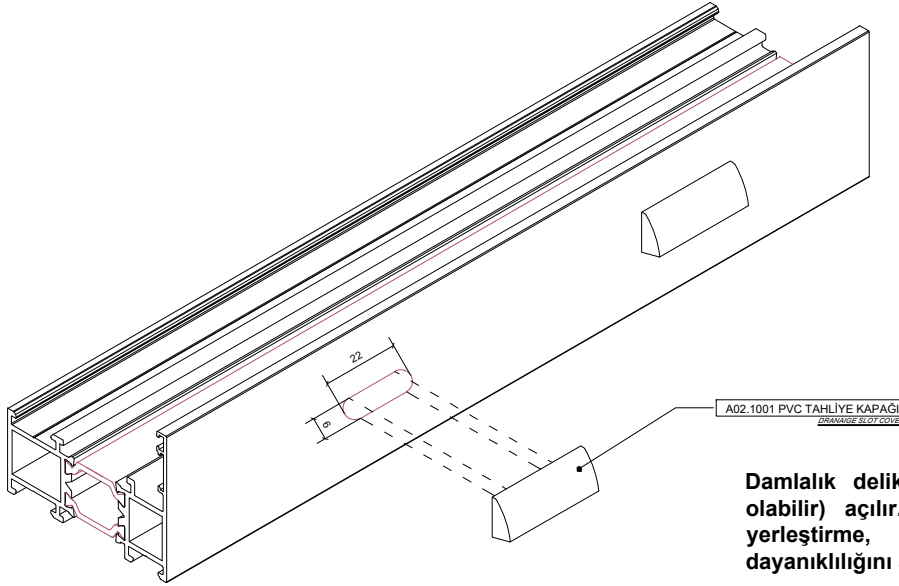
□ Uygulama Notu: Bağlantı öncesinde profil uçlarının temiz ve düzgün kesilmiş olması önemlidir. Bağlantı profili, ilgili kanallara sıkı geçme ile yerleştirilmeli ve gerekirse vida ile sabitlenmelidir. Uygulama, sistemin rijitliğini ve montaj bütünlüğünü doğrudan etkiler.

□ 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.



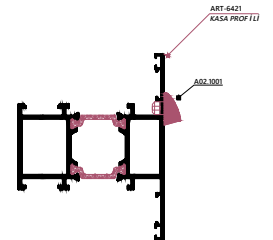
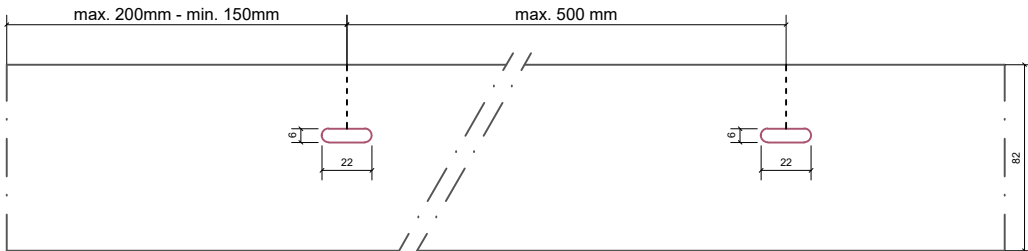
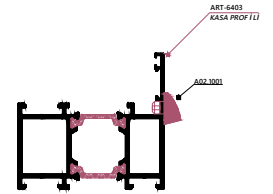
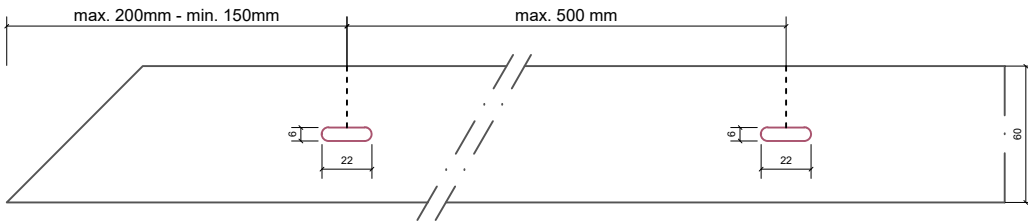


DAMLALIK DELİĞİ DETAYI/ DRIP HOLE DETAIL



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

ART-64

DOOR & WINDOW SYSTEMS

AKSESUAR LİSTESİ /

ACCESSORY LIST

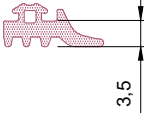
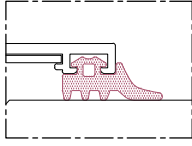
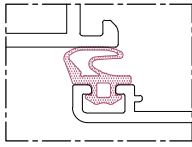
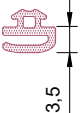
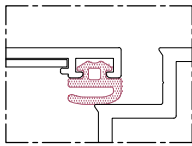
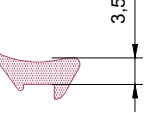
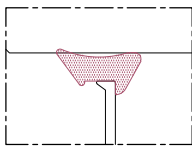
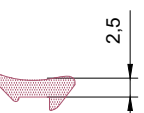
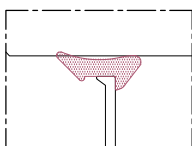
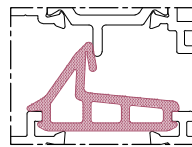
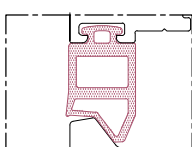


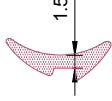
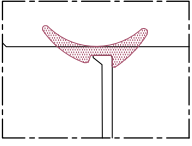
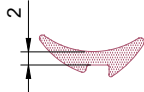
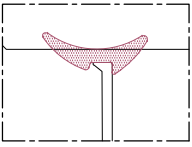
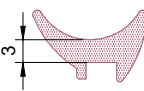
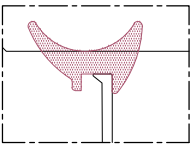
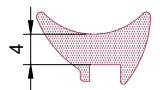
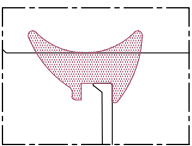
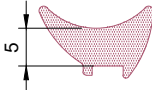
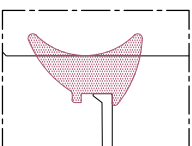
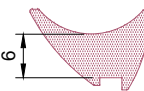
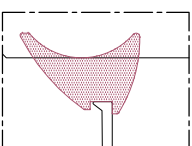
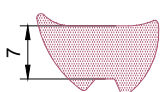
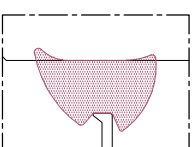
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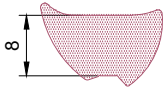
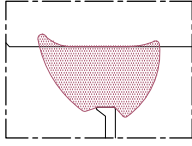
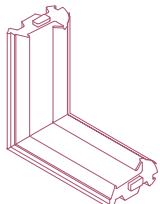
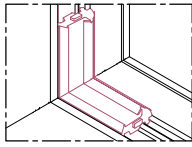
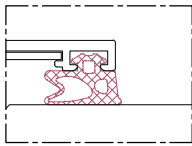
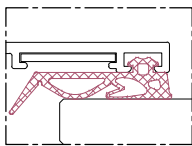
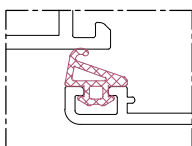
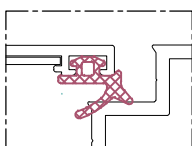
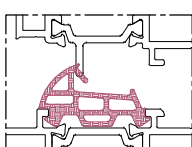


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 Ölçek : 1/1	A01.1001 3.5mm DIŞ CAM FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 46 gr/m	
 Ölçek : 1/1	A01.1002 5mm İÇ BİNİ FİTİLİ Malzeme / Material : EPDM Ağırlık / Weight : 30 gr/m	
 Ölçek : 1/1	A01.1003 3.5mm DIŞ BİNİ FİTİLİ Malzeme / Material : 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	A01.1007 ORTA BİNİ FİTİLİ RT64 İÇİN Malzeme / Material : EPDM Ağırlık / Weight : 125.2 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	

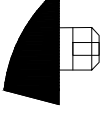
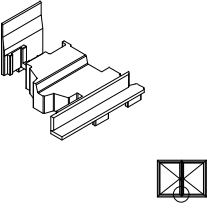
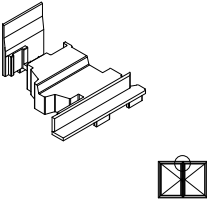




ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
 Ölçek : 1/1	A01.1017 8 mm İÇ CAM FİTİLİ	
 Ölçek : 1/1	A01.1021 VULKANİZE KÖŞE FİTİLİ (A01.1027 kodlu fitil içindir.)	
 Ölçek : 1/1	A01.1023 DIŞ CAM FİTİLİ (YENİ KISA) Malzeme / Material : EPDM Ağırlık / Weight : 32.6 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	
 Ölçek : 2/3	A01.1027 ORTA BİNİ FİTİLİ ART64 İÇİN Malzeme / Material : EPDM Ağırlık / Weight : 194.35 gr/m	





ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION
	A02.1001 PVC TAHLIYE KAPAĞI
	A02.1004 PVC ADAPTÖR KAPAĞI (ALT) ART-64 İÇİN
	A02.1005 PVC ADAPTÖR KAPAĞI (ÜST) ART-64 İÇİN





ÇİZİM / 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

ÇİZİM / 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



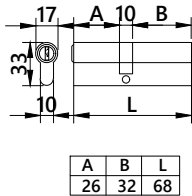
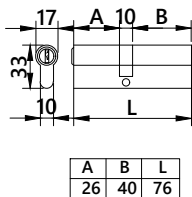
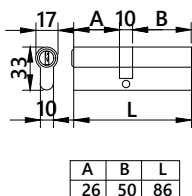
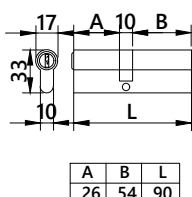
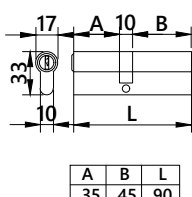
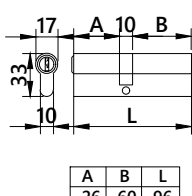
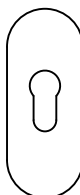


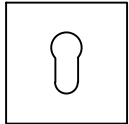
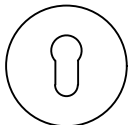
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	A05.1001 DİLLİ KİLİT
	A05.1002 SİLİNDİRLİ KİLİT
	A05.1003 VAŞİSTAS MANDAL KİLİT
	A05.1004 DİLLİ KİLİT KARŞILIĞI
	A05.1005 SİLİNDİRLİ KİLİT KARŞILIĞI
	A05.1006 PİM KARŞILIĞI
	A05.1007 PİM

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



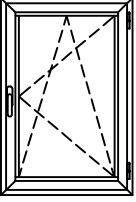
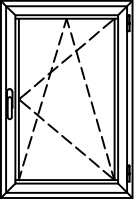
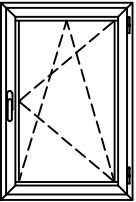
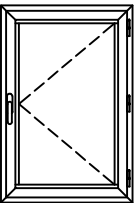
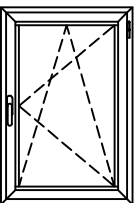
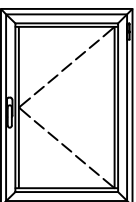


ÇİZİM / DRAWING	ÜRÜN BİLGİLERİ/ PRODUCT DESCRIPTION						
 <table><tr><td>A</td><td>B</td><td>L</td></tr><tr><td>26</td><td>32</td><td>68</td></tr></table>	A	B	L	26	32	68	A06.1001 BAREL 68MM (26+10+32)
A	B	L					
26	32	68					
 <table><tr><td>A</td><td>B</td><td>L</td></tr><tr><td>26</td><td>40</td><td>76</td></tr></table>	A	B	L	26	40	76	A06.1002 BAREL 76MM (26+10+40)
A	B	L					
26	40	76					
 <table><tr><td>A</td><td>B</td><td>L</td></tr><tr><td>26</td><td>50</td><td>86</td></tr></table>	A	B	L	26	50	86	A06.1003 BAREL 86 MM (26+10+50)
A	B	L					
26	50	86					
 <table><tr><td>A</td><td>B</td><td>L</td></tr><tr><td>26</td><td>54</td><td>90</td></tr></table>	A	B	L	26	54	90	A06.1004 BAREL 90MM (26+10+54)
A	B	L					
26	54	90					
 <table><tr><td>A</td><td>B</td><td>L</td></tr><tr><td>35</td><td>45</td><td>90</td></tr></table>	A	B	L	35	45	90	A06.1005 BAREL 90MM (35+10+45)
A	B	L					
35	45	90					
 <table><tr><td>A</td><td>B</td><td>L</td></tr><tr><td>26</td><td>60</td><td>96</td></tr></table>	A	B	L	26	60	96	A06.1006 BAREL 90MM (26+10+60)
A	B	L					
26	60	96					
	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

