

# BM66

Yalıtımlı Menteşeli Sistem  
Insulated Hinged System

- **Sistem Kataloğu**

Teknik Özellikler  
Profil Bilgisi  
Sistem Detayları  
Aksesuarlar  
Montaj Talimatları

- **System Catalogue**

Technical Properties  
Profile Data  
System Details  
Accessories  
Fabrication Manual



## Tarihçe

1984 yılında İstanbul Bayrampaşa'da alüminyum levha üretimine başlandı. 1991 yılında ilk ekstrüzyon presini kurarak alüminyum profil üretimine başladı. 1994'te Hadımköy Tesislerine taşındı. 1995'te elektrostatik toz boyası ünitesi ve dökümhaneye kuruldu. 1996'da ilk ihracatını gerçekleştirdi. 1997'de ikinci ekstrüzyon hattı devreye alındı. 1998'de ekstrüzyon hatları revize edildi, dökümhanenin kapasitesi artırıldı. 2002'de alu-line markasıyla, alüminyum yapı sistemleri üretilmeye başlandı. 2003-2008 yılları arasında 1.400 ve 2.000 tonluk pres hatları, eloksal ünitesi, CNC mekanik işlem makine parkuru devreye alındı, Lüleburgaz fabrikasının 12.500 m<sup>2</sup>'lik 1. etap inşaatı tamamlandı. 2011'de Lüleburgaz fabrikasının kuruluşu tamamlandı. 2012'de **Aksan Alüminyum**, gruba katıldı. 2013'te **65.000 m<sup>2</sup>**si kapalı alan olmak üzere toplam **220.000 m<sup>2</sup>**lik Lüleburgaz fabrikası tamamlanarak işletmeye alındı.

## History

It started manufacturing aluminium sheet in Istanbul Bayrampasa in 1984. It founded its first extrusion project in 1991 to produce aluminium profiles. In 1994, Hadimkoy Plant started production. In 1995, electrostatic powder coating unit and foundry was opened. Burak implemented its first export in 1996. And the second extrusion line was commissioned in 1997. Extrusion lines were revised, and the foundry's capacity was increased in 1998. Production of architectural aluminium building systems was commenced with the brand name "alu-line" in 2002. 1,400 and 2,000 tons of extrusion lines, anodization unit CNC mechanical processing machinery were commissioned, and the 1st phase construction of 12,500 sqm Luleburgaz plant was completed between 2003 and 2008. The foundation of Luleburgaz plant was completed in 2011. **Aksan Alüminyum** joined the group in 2012. In 2013, total **220,000 sqm** Luleburgaz plant with **65,000 sqm** indoor space was completed and set into operation.

## Üretim

### Burak Alüminyum Endüstriyel:

Burak Aluminyum, standart alaşımı ekstrüzyon profili yanı sıra özel alaşımı alüminyum profil üretimi de yapmaktadır. Nitelikli tasarım ihtiyacı olan otomotiv, havacılık sanayi, ısıtma-soğutma, mobilya reklam ve raylı sistemler gibi sektörlerde A'dan Z'ye hizmet vermenin yanı sıra güneş enerjisi, karavan, otomotiv, endüstriyel buzdolabı ve radyatör gibi alüminyundan müteşekkil yarı mamul ve bitmiş ürünler üretmektedir.

### Burak Alüminyum Yapı sistemleri:

Burak, **alu-line®** markasıyla da mimari çözümler geliştirmektedir. Cephe giydirmeye, kapı ve pencere, sırme, ofis bölme sistemleri, küpeste profilleri ve uyumlu aksesuarlarını üreten Burak, ayrıca alüminyum kompozit panelleri de **BURAKBOND®** ve **alu-linebond®** markalarıyla üretmekte ve tüm bu ürünlerini **50** ülkeye ihraç etmektedir.

## Product

### Burak Alüminyum Industrial:

Burak Aluminyum also performs special alloy aluminium profile manufacture besides standard alloy extrusion profile. Besides serving industries such as automotive, aviation industry, heating-cooling, furniture promotions and rail systems which need qualified design from A to Z, it manufactures solar energy, semi-finished and finished products composed of aluminium such as caravan, automotive, industrial fridges, and radiators.

### Burak Alüminyum Architectural Systems:

Burak develops architectural solutions with its **alu-line®** brand as well. Manufacturing facade, doors and windows, sliding, office partition systems, handrail profiles and their compatible accessories, Burak also manufactures aluminium composite panels via its **BURAKBOND®** and **alu-linebond®** brands and exports these products to **50** countries.

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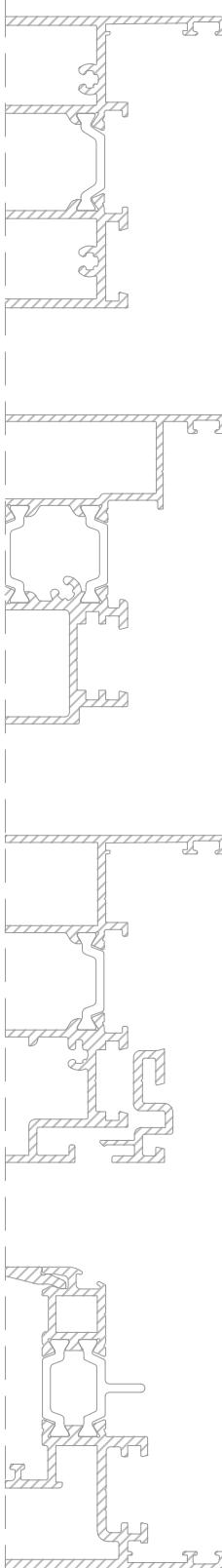
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## ÜRÜN KONSEPTİ / PRODUCT CONCEPT



BM 66 **"Burak Menteşeli 66mm"**; pencere ve kapı çözümlerindeki bütün varyasyonları yüksek ısı yalıtımları ve yüksek sızdırmazlık performanslarıyla bir arada sunabilen yeni nesil menteşeli doğrama sistemidir.

### PERFORMANS

Menteşeli doğramaların yaygın kullanım alanı konutlardır. Yaşam alanını bir kalkan gibi kaplayan ve insanları dış ortamın zorlu şartlarından koruyan bu sistemlerin performansı diğer sistemlere göre daha büyük önem arz etmektedir. Teknolojinin ilerleyişine paralel olarak konutların asgari konfor ihtiyaçları gün geçtikçe artmaktadır ve bu ihtiyaçları karşılama noktasında dizayn ofislerinin ekonomiklik özelliklerinden taviz vermeden mümkün olduğunca performanslı ürünler geliştirmesi zorunluluk haline gelmektedir. BM 66 sisteminin hem yüksek hava-su-rüzgar sızdırmazlık değerlerine sahip olması hem de yüksek akustik yalıtlım performansı sergileyen yapısı sayesinde "yaşam ortamında maksimum konfor" olgunsunun gereği tam manasıyla yerine getirilebilmektedir.

### ENERJİ TASARRUFU

Çevreye duyarlılık ve enerji tasarrufu konuları gün geçtikçe önem kazanmakta olduğundan BM 66'da ısı yalıtımları üst düzeyde tutuldu. Alüminyum, yapısı gereği soğuk bir materyal olmasına rağmen gelişen malzeme çeşitliliği, dizayn yöntemleri ve teknolojilerle artık oldukça yalıtkan bir haline dönüştürülebilmektedir. BM 66 tamamen günümüz ihtiyaçlarına uygun şekilde performans odaklı olarak tasarlandı.

### İMALAT KOLAYLIĞI

Sistemin tüm aksesuarları ortak kullanım ve birbirine uyumlu çalışma mantığı çerçevesinde tasarlandığından, BM 66 aynı tip aksesuarlar kullanımı ve dolayısıyla imalat kolaylığı yönünden benzersiz bir yapıdadır.

### GELİŞTİRİLEBİLİRLİK

BM 66, sistem konsepti açısından kolaylıkla genişletilebilir yapıdadır. Bu özelliği sayesinde eklenecek yeni çözümlerinin sisteme adaptasyonu hızlı ve kolay biçimde yapılabilmektedir.

BM 66 **"Burak Menteşeli 66mm"** is the new generation hinged system that presents all variations for door and window solutions together with high insulation and high impermeability performances.

### PERFORMANCE

Hinged systems are preferred particularly in houses. Performance of hinged systems that covered as a shield and keeping from forced conditions of out environment is more important than the other systems. With development of technology, minimum enough comfort requirements of houses rise day by day and design offices have to develop economical and high performance products. BM 66 has even high impermeability values of air-water-wind, and too it has high acoustic performance. So through these facilities of BM 66, it performs fact thoroughly that "maximum comfort at living area".

### ENERGY SAVING

Subjects of environment sensitivity and energy saving become important day by day. For this reason thermal insulation specifications was become on high level in BM 66. Even though Aluminium is cold material, it can be transformed reasonably insulator with developing material variability,design methods and new technologies. BM 66 is designed by focused performance according to actual requirements.

### EASE OF MANUFACTURING

Accessories of BM 66 was designed as logic of collective and harmonious with each other. So BM 66 has unique construction by ease of manufaturing

### IMPROVABILITY

BM 66 was designed as smoothly developable system concept. In this way adaptation of new system solutions can be done quickly.

## **MALZEME TEKNİK ÖZELLİKLERİ / TECHNICAL PROPERTIES OF MATERIALS**

Alüminyum profil üretim tesisimiz **ISO 9001 , ISO 14001 , ISO 18001** kalite güvence belgelerine sahiptir.

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

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

Elastisite Modülü (*Elasticity Modul*) : 7000 kN/cm<sup>2</sup>

Kopma Mukavemeti (*Yield Strength*) : 215 N/mm<sup>2</sup>

Akma Mukavemeti (*Flow Strength*) : 160 N/mm<sup>2</sup>

Uzama (*Elongation*) : minimum 6 %

Sertlik (*Hardness*) : 70 HRB

### **3-Bariyer Hammaddesi**

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

Eloksal ve toz boyası işleminden **önce** yerleştirilir. (*Placed into the aluminium profiles **before** anodic oxidation and powder coating.*)

#### **b- PVC :**

Eloksal ve toz boyası işleminden **sonra** yerleştirilir. (*Placed into the aluminium profiles **after** anodic oxidation and powder coating.*)

PVC bariyerler, Polyamid bariyerlere göre 10 % daha ağırdır. (*PVC insulation bars are 10 % heavier than Polyamide insulation bars .*)

### **4-Eloksal** (*Anodic Oxidation*)

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

(*The Standards of Technical Delivery Terms Regarding Elokal Products*)

Eloksal Tabakasının Kalınlığı (*Thickness of Elokal Coating*): 10-15 mikron, **EN ISO 2360**

Daldırma ve Renklendirme Standardı (*The Standards of Immersion Coloring*) : **DIN 50018**

Tesbit İşlemi Standardı (*Sealing Standards*) : **EN 12373-5 , ISO 3210 (TS 2676)**

### **5-Toz Boya Standartları** (*The Standards of Powder Coating*)

Kalınlık (*Thickness*) : min. 60 mikron

Adhezyon (*Adhesion*) : **EN ISO 2409**

Esneklik (*Elasticity*) : **EN ISO 1519**

Deformasyon (*Deformation*) : **EN ISO 6272-1**

Sertlik (*Hardness*) : **EN ISO 2815**

### **6-Yüzey Görünümü** (*Surface Appearance*) : Gözle yapılacak kontrolde,yüzey üzerinde kaplanmış

alan,çizik,pütürlük,kabarıklık,leke,soyulma vb. hatalar görülmemelidir. (*By visual observation,there has been no defects seen on the surface,such as scratches cramped shapes,swellings,stain etc. on the exposed areas.*)

### **7-Tüm Fitiller** (*All gaskets*)

Hammade (*Raw material*) : EPDM

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

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

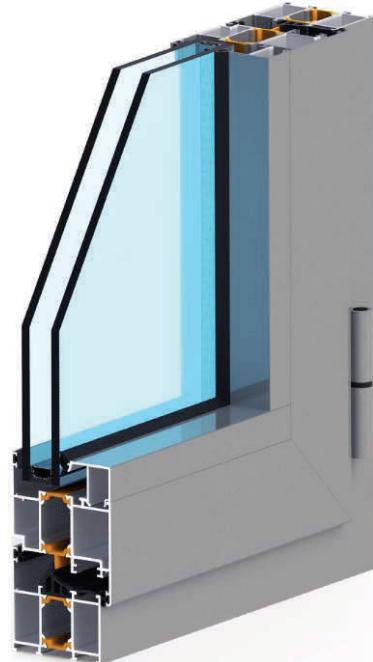
Kalite Kontrol Standardı (*Quality Control Standard*) : **RAL-GZ 716**

### **8-Profil Tasarım ve Üretimindeki Ölçü Toleransları Standartları** : **EN 12020-2 , EN 755-9**

(*Measurement Tolerances Standards for Profile Design and Manufacturing*)

## **YÜKSEK PERFORMANSLI MENTEŞELİ SİSTEM**

### HIGH PERFORMANCE HINGED SYSTEM



#### **TEKNİK ÖZELLİKLER**

TECHNICAL PROPERTIES

<b>KASA DERİNLİĞİ / FRAME DEPTH :</b>	<b>66 mm</b>
<b>KANAT DERİNLİĞİ / SASH DEPTH :</b>	<b>74 mm</b>
<b>PROFİL ET KALINLIĞI / PROFILE WALL THICKNESS :</b>	<b>1,6 mm - 2 mm</b>
<b>MAX. CAM KALINLIĞI / MAX. GLASS THICKNESS :</b>	<b>50 mm</b>
<b>ISI BARIYERLERİ / INSULATION BARS :</b>	<b>22 mm</b>
<b>ISI YALITIM DEĞERİ (Uf) / THERMAL INSULATION VALUE (Uf) :</b>	<b>1,98 W/m<sup>2</sup>K - 2,81 W/m<sup>2</sup>K</b>

#### **KULLANIM SEÇENEKLERİ**

APPLICATION ALTERNATIVES

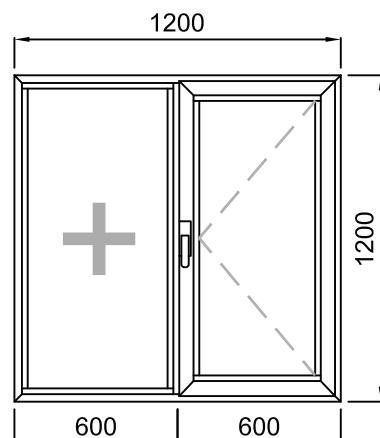
	PENCERE WINDOW	KAPI DOOR
<b>İÇE AÇILIR BİNİLİ / INWARD OPENING STEP :</b>	●	●
<b>DIŞA AÇILIR BİNİLİ / OUTSIDE OPENING STEP :</b>	●	●
<b>İÇE AÇILIR HEMYÜZ / INWARD OPENING FLUSH :</b>		●
<b>DIŞA AÇILIR HEMYÜZ / OUTSIDE OPENING FLUSH :</b>		●
<b>GİZLİ KANAT / HIDDEN VENT :</b>	●	●
<b>ÇİFT EKSEN / TILT&amp;TURN :</b>	●	●
<b>PARALEL / TILT&amp;SLIDE :</b>	●	●
<b>KATLANIR / FOLDING :</b>	●	●

**TEST RAPORU PERFORMANS DEĞERLERİ**

TEST REPORT PERFORMANCE VALUES

**Test Numunesi Ebatları**

Test Sample Dimensions



Genişlik / Width: 1200 mm  
Yükseklik / Height: 1200 mm

Açılar Kanat / Opening Vent  
Genişlik / Width: 600 mm  
Yükseklik / Height: 1200 mm

**TEST RAPORU SONUÇLARI**

TEST REPORT RESULTS

HAVA GEÇİRGENLİĞİ - EN 12207  
(AIR PERMEABILITY)

<b>1</b> (150 Pa)	<b>2</b> (300 Pa)	<b>3</b> (450 Pa)	<b>4</b> (600 Pa)
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SU SIZDIRMAZLIĞI - EN 12208  
(WATERTIGHTNESS)

<b>2A</b> (50 Pa)	<b>3A</b> (100 Pa)	<b>4A</b> (150 Pa)	<b>5A</b> (200 Pa)	<b>6A</b> (250 Pa)	<b>7A</b> (300 Pa)	<b>8A</b> (450 Pa)	<b>9A</b> (600 Pa)	<b>E1200</b> (1200 Pa)
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RÜZGAR YÜKÜNE DAYANIM - EN 12210  
(RESISTANCE TO WIND LOAD)

<b>1</b> (400 Pa)	<b>2</b> (800 Pa)	<b>3</b> (1200 Pa)	<b>4</b> (1600 Pa)	<b>5</b> (2000 Pa)
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SEHİM KRİTERİ - EN 12210  
(DEFLECTION CRITERIA)

<b>A</b> (<L/150)	<b>B</b> (<L/200)	<b>C</b> (<L/300)
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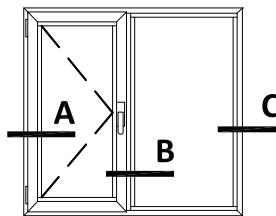
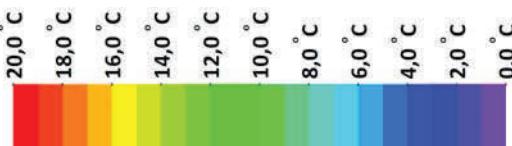
AKUSTİK PERFORMANS - EN 10140-2  
(ACOUSTIC PERFORMANCE) EN 717-1

Rw (C ; Ctr) = <b>37</b> (-1,9; -4,5) dB
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STATİK BURULMA - EN 13115  
(STATIC TORSION)

<b>350 N</b>
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\*\* Daha detaylı bilgi için, lütfen test raporlarını isteyiniz. / For further information, please ask for the test reports.

**TERMAL PERFORMANS DEĞERLERİ / THERMAL PERFORMANCE VALUES****BM 66**İÇE AÇILIR BİNİLİ PENCERE  
INWARD OPENING STEP WINDOW**TERMAL HESAP KOŞULLARI**

THERMAL CALCULATION CONDITIONS

DIŞ ORTAM SICAKLIĞI : 0°C

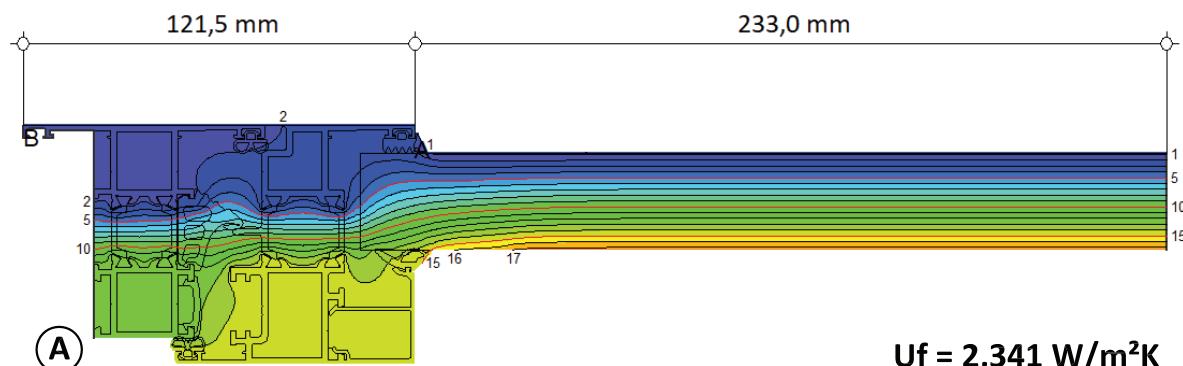
(OUTER TEMPERATURE)

İÇ ORTAM SICAKLIĞI : 20°C

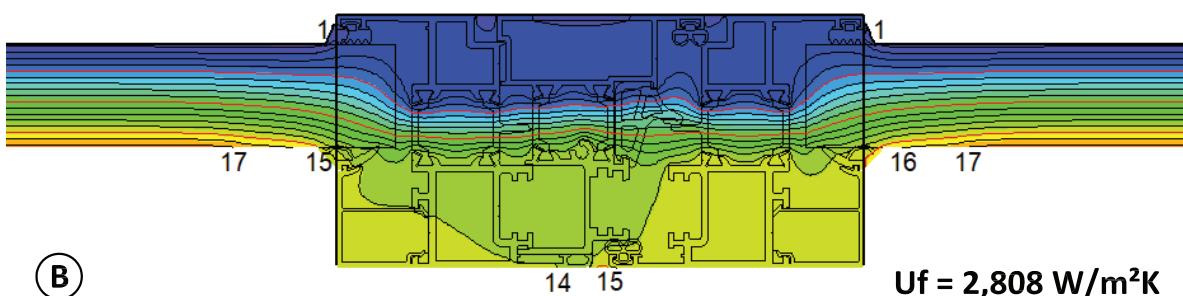
(ROOM TEMPERATURE)

BAĞIL NEM : %50

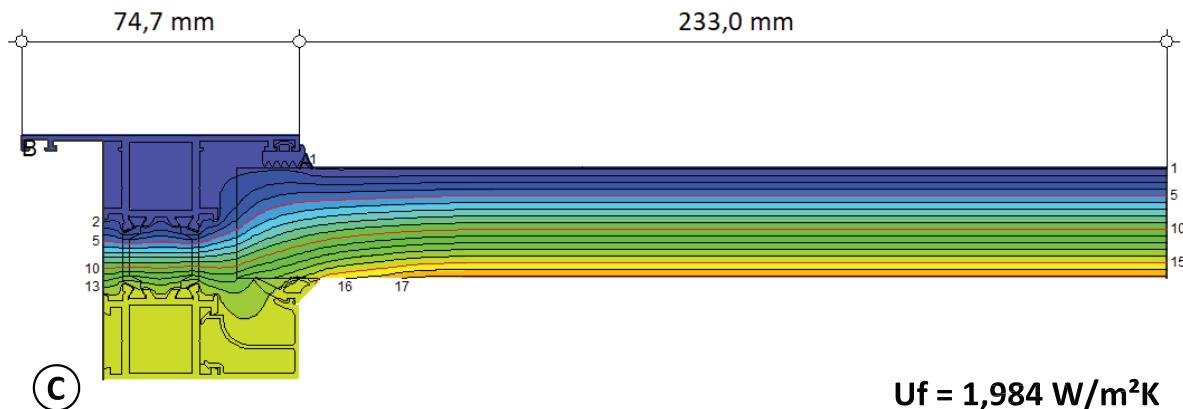
(RELATIVE HUMIDITY)



$$U_f = 2,341 \text{ W/m}^2\text{K}$$



$$U_f = 2,808 \text{ W/m}^2\text{K}$$

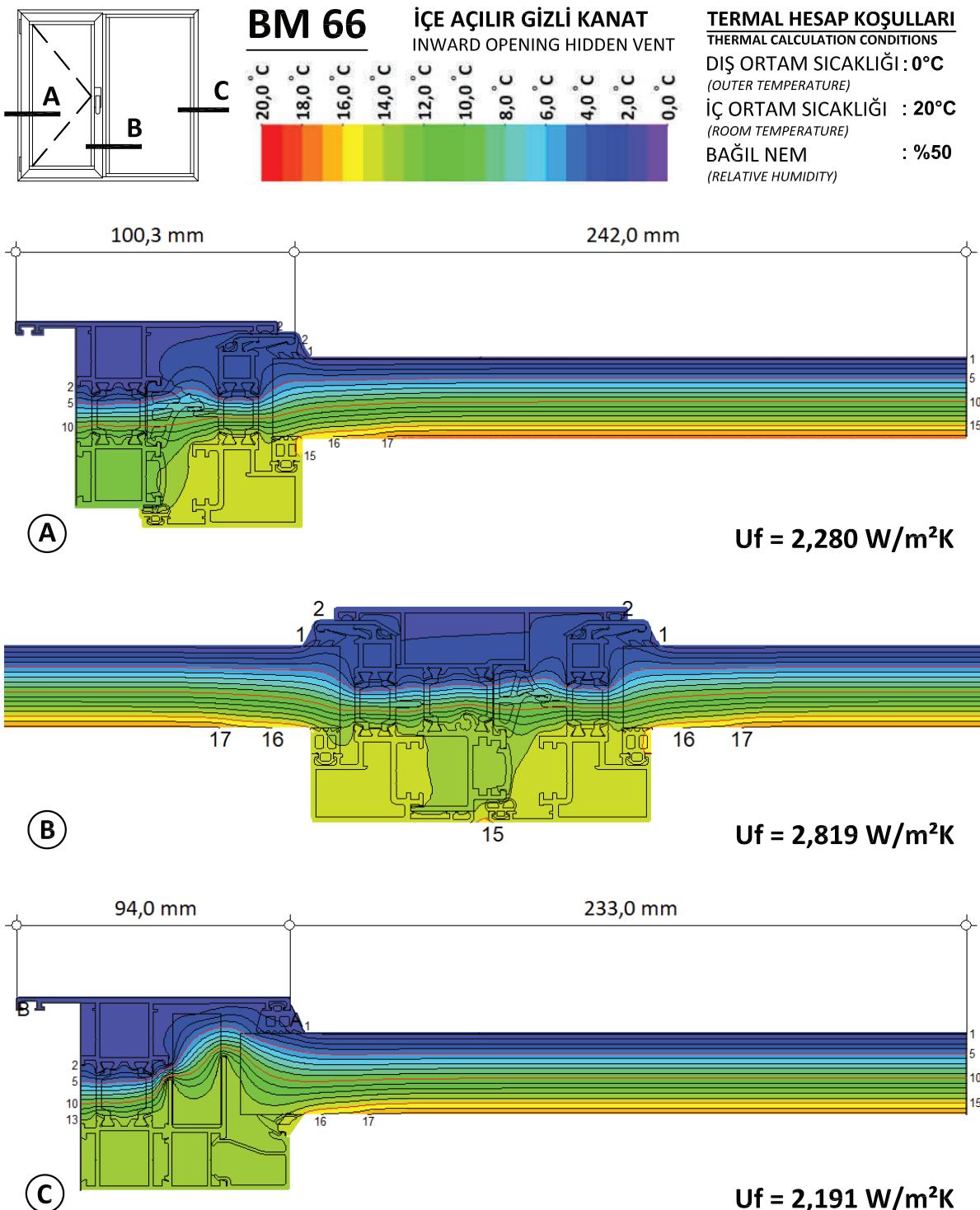


$$U_f = 1,984 \text{ W/m}^2\text{K}$$

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

Detaylı bilgi için, lütfen termal hesap raporlarını isteyiniz. / For further information, please ask for the reports.

## TERMAL PERFORMANS DEĞERLERİ / THERMAL PERFORMANCE VALUES



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

Detaylı bilgi için, lütfen termal hesap raporlarını isteyiniz. / For further information, please ask for the reports.

## STATİK HESAPLAMALARDA KABULLER

### THE ACCEPTANCES OF STATIC CALCULATIONS

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

**TS 498 (DIN 1055) , TS EN 13830**

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

**1-Yatay Rüzgar Yükleri (Horizontal Wind Load)**

**2-Düsey Cam Yükleri (Vertical Glass Load)**

**3-Kar Yükleri (Snow Load)**

**Rüzgar Yükleri (Wind Load) :**

Statik hesaba başlamadan önce rüzgar şekil katsayısi tayin edilerek binanın yüksekliğine göre aşağıdaki tablodan seçilen rüzgar yükü referans değer olarak alınır. (Before the static calculation, first determine the shape coefficient of wind and then according to the height of the building select the wind load value from the table below.)

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

Binanın boyu (height of building) / binanın en dar eni (minimum width of building) < 5 : **c = 1.2**

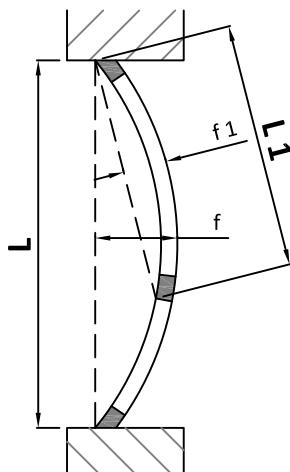
Binanın boyu (height of building) / binanın en dar eni (minimum width of building) > 5 : **c = 1.6**

RÜZGAR ŞEKLİ KATSAYISI SHAPE COEFFICIENT OF WIND	ZEMİNDEN YÜKSEKLİK (m) GROUND ELEVATION	RÜZGAR HIZI (m/s) WIND SPEED	HİZ BASINCI (kg/m <sup>2</sup> ) ABSORPTION	RÜZGAR YÜKÜ (kg/m <sup>2</sup> ) WIND LOAD
<b>1.2</b>	0 - 8	28	50	60
	9 - 20	36	80	96
	21 - 100	42	110	132
	> 100	46	130	156
<b>1.6</b>	0 - 8	28	50	80
	9 - 20	36	80	128
	21 - 100	42	110	176
	> 100	46	130	208

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

**Tek camlarda (at single glass);**

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



**Çift camlarda (at double glass);**

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

#### KISALTMALARIN ANLAMLARI

*EXPLANATIONS OF ABBREVIATIONS*

**W:** Rüzgar yükü (Wind load)

**c:** Rüzgar şekil katsayısı (Wind shape c.)

**q:** Emme hız basıncı (Speed pressure)

**V:** Rüzgar hızı (Wind speed)

**L:** Düsey açıklık (Vertical clearance)

**E:** Elastisite modülü (Elasticity modulus)

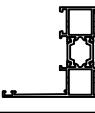
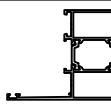
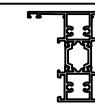
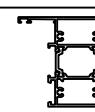
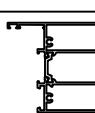
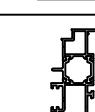
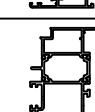
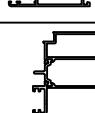
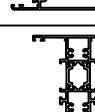
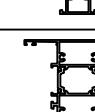
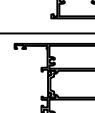
**f:** Maksimum sehim (Max. deflection)

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
20234		KÖŞE TAKOZU PROFİLİ CORNER CLEAT PROFILE	-	2,553	42
20301		KÖŞE TAKOZU PROFİLİ CORNER CLEAT PROFILE	-	2,564	42
20404		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,327	43
20407		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,360	43
20409		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,208	43
20410		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,229	43
20411		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,255	43
20412		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,275	43
20413		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,295	43
20414		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,310	43
20415		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,326	43
20416		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,358	43
20417		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,391	43
20418		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,408	43
20419		CAM ÇITASI PROFİLİ GLAZING BEAD PROFILE	-	0,424	43

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
20500		<b>ADAPTÖR PROFİLİ</b> ADAPTER PROFILE	-	0,234	<b>31</b>
20501		<b>GİZLİ KANAT İÇİN ADAPTÖR PROFİLİ</b> ADAPTER PROFILE FOR HIDDEN VENT	-	0,125	<b>35</b>
20502		<b>GİZLİ KANAT İÇİN ADAPTÖR PROFİLİ</b> ADAPTER PROFILE FOR HIDDEN VENT	-	0,280	<b>35</b>
20519		<b>HEMYÜZ KAPI ADAPTÖR PROFİLİ</b> ADAPTER PROFILE FOR FLUSH DOORS	-	0,270	<b>37</b>
20521		<b>T BAĞLANTI PROFİLİ</b> T CONNECTION PROFILE	-	0,597	<b>42</b>
20522		<b>U BAĞLANTI PROFİLİ</b> U CONNECTION PROFILE	-	1,034	<b>42</b>
20523		<b>KÖŞE TAKOZU PROFİLİ</b> CORNER CLEAT PROFILE	-	3,793	<b>42</b>
20524		<b>KÖŞE TAKOZU PROFİLİ</b> CORNER CLEAT PROFILE	-	5,273	<b>42</b>
20529		<b>ADAPTÖR PROFİLİ</b> ADAPTER PROFILE	-	0,296	<b>31</b>
20531		<b>KÖŞE TAKOZU PROFİLİ</b> CORNER CLEAT PROFILE	-	3,145	<b>42</b>
20538		<b>ADAPTÖR PROFİLİ</b> ADAPTER PROFILE	-	0,241	<b>31</b>
20539		<b>ADAPTÖR PROFİLİ</b> ADAPTER PROFILE	-	0,204	<b>31</b>
20540		<b>ADAPTÖR PROFİLİ</b> ADAPTER PROFILE	-	0,289	<b>31</b>
20541		<b>EŞİK PROFİLİ</b> DÖORSTEP PROFILE	-	0,434	<b>31</b>
20542		<b>KİLİT KARŞILIĞI PROFİLİ</b> LOCKING STRIKER PROFILE	-	0,299	<b>42</b>

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
20543		KİLİT KARŞILIĞI PROFİLİ LOCKING STRIKER PROFILE	-	0,183	42
20544		GİZLİ KANAT İÇİN T BAĞLANTI PROFİLİ T CONNECTION PROFILE FOR HIDDEN VENT	-	0,807	42
20557		ADAPTÖR PROFİLİ ADAPTER PROFILE	-	0,312	37
20559		GİZLİ KANAT İÇİN ADAPTÖR PROFİLİ ADAPTER PROFILE FOR HIDDEN VENT	-	0,246	35
20560		ADAPTÖR PROFİLİ ADAPTER PROFILE	-	0,346	42
20561		GİZLİ KANAT İÇİN ADAPTÖR PROFİLİ ADAPTER PROFILE FOR HIDDEN VENT	-	0,539	35
BM66101		L KASA PROFİLİ L SHAPED FRAME PROFILE	24,31 6,34	1,327	20
BM66102		L KASA PROFİLİ L SHAPED FRAME PROFILE	30,23 15,84	1,570	20
BM66103		L KASA PROFİLİ L SHAPED FRAME PROFILE	41,43 31,58	1,888	20
BM66104		T KASA PROFİLİ T SHAPED FRAME PROFILE	26,94 10,14	1,422	21
BM66105		T KASA PROFİLİ T SHAPED FRAME PROFILE	32,34 21,91	1,665	21
BM66106		T KASA PROFİLİ T SHAPED FRAME PROFILE	44,24 39,26	1,983	21
BM66107		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	30,12 7,87	1,421	22
BM66108		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	37,59 17,41	1,664	22
BM66109		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	52,56 31,61	1,982	22

# BM 66

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
BM66110		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	39,44 11,24	1,541	23
BM66111		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	50,46 20,08	1,783	23
BM66112		KASA İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR FRAME	29,91 10,42	1,606	24
BM66113		KASA İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR FRAME	35,41 23,19	1,864	24
BM66114		KASA İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR FRAME	46,80 41,49	2,141	24
BM66115		İÇE AÇILIR KANAT PROFİLİ VENT PROFILE FOR INWARD OPENING	39,43 8,83	1,588	25
BM66116		İÇE AÇILIR KANAT PROFİLİ VENT PROFILE FOR INWARD OPENING	49,60 19,83	1,864	25
BM66117		İÇE AÇILIR KANAT PROFİLİ VENT PROFILE FOR INWARD OPENING	65,97 35,20	2,117	25
BM66118		KANAT İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR VENT	38,73 11,06	1,739	26
BM66119		KANAT İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR VENT	45,29 24,77	1,982	26
BM66120		KANAT İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR VENT	52,78 50,01	2,260	26
BM66124		TAKVİYELİ ORTA KAYIT PROFİLİ REINFORCEMENT TRANSOM PROFILE	96,13 13,95	2,200	29
BM66125		TAKVİYELİ ORTA KAYIT PROFİLİ REINFORCEMENT TRANSOM PROFILE	139,8 32,81	2,605	29
BM66126		TAKVİYELİ ORTA KAYIT PROFİLİ REINFORCEMENT TRANSOM PROFILE	169,91 34,25	2,692	29
BM66128		TAKVİYELİ ORTA KAYIT PROFİLİ REINFORCEMENT TRANSOM PROFILE	185,20 47,53	3,007	30

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
BM66129		ÇİFT KANAT ADAPTÖR PROFİLİ ADAPTER PROFILE FOR DOUBLE VENT	26,06 10,24	1,418	31
BM66130		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	31,40 10,71	1,447	32
BM66131		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	40,46 19,83	1,690	32
BM66132		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	31,98 16,80	1,542	32
BM66133		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	40,54 28,40	1,784	33
BM66134		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	52,06 13,17	1,660	33
BM66135		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	66,74 21,37	1,903	33
BM66136		GİZLİ KANAT İÇİN ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR HIDDEN VENT	36,53 28,65	1,863	34
BM66137		GİZLİ KANAT İÇİN ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR HIDDEN VENT	42,76 47,34	2,136	34
BM66138		GİZLİ KANAT İÇİN ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR HIDDEN VENT	49,55 79,05	2,431	34
BM66139		GİZLİ KANAT İÇİN ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR HIDDEN VENT	209,1 79,78	3,296	34
BM66140		GİZLİ KANAT PROFİLİ HIDDEN VENT PROFILE	24,64 7,95	1,418	35
BM66141		GİZLİ KANAT PROFİLİ HIDDEN VENT PROFILE	25,79 7,60	1,464	35
BM66142		GİZLİ KANAT ADAPTÖR PROFİLİ ADAPTER PROFILE FOR HIDDEN VENT	32,00 22,26	1,610	35
BM66143		HEMYÜZ KAPI KASA PROFİLİ FRAME PROFILE FOR FLUSH DOORS	51,18 37,51	2,153	36

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
BM66144		<b>HEMYÜZ KAPI KASA PROFİLİ</b> FRAME PROFILE FOR FLUSH DOORS	52,08 48,13	2,247	<b>36</b>
BM66145		<b>HEMYÜZ KAPI KASA PROFİLİ</b> FRAME PROFILE FOR FLUSH DOORS	61,10 37,10	2,151	<b>36</b>
BM66162		<b>İLAVE PROFİL</b> ADDITIONAL PROFILE	20,11 4,07	1,233	<b>40</b>
BM66163		<b>İLAVE PROFİL</b> ADDITIONAL PROFILE	25,38 12,65	1,476	<b>40</b>
BM66164		<b>İLAVE PROFİL</b> ADDITIONAL PROFILE	32,17 30,60	1,794	<b>40</b>
BM66165		<b>PVC KANALLI KANAT PROFİLİ</b> VENT PROFILE WITH PVC GROOVE	42,18 10,57	1,663	<b>39</b>
BM66166		<b>PVC KANALLI KANAT PROFİLİ</b> VENT PROFILE WITH PVC GROOVE	52,96 22,37	1,921	<b>39</b>
BM66167		<b>PVC KANALLI KANAT PROFİLİ</b> VENT PROFILE WITH PVC GROOVE	71,80 38,06	2,207	<b>39</b>
BM66168		<b>PVC KANALLI ADAPTÖR PROFİLİ</b> VENT ADAPTER PROFILE WITH PVC GROOVE	26,11 10,29	1,432	<b>41</b>
BM66201		<b>L KASA PROFİLİ</b> L SHAPED FRAME PROFILE	27,54 7,10	1,477	<b>20</b>
BM66202		<b>L KASA PROFİLİ</b> L SHAPED FRAME PROFILE	34,54 17,80	1,766	<b>20</b>
BM66203		<b>L KASA PROFİLİ</b> L SHAPED FRAME PROFILE	45,12 35,19	2,087	<b>20</b>
BM66204		<b>T KASA PROFİLİ</b> T SHAPED FRAME PROFILE	30,29 10,92	1,572	<b>21</b>
BM66205		<b>T KASA PROFİLİ</b> T SHAPED FRAME PROFILE	36,86 23,74	1,861	<b>21</b>
BM66206		<b>T KASA PROFİLİ</b> T SHAPED FRAME PROFILE	46,73 44,15	2,182	<b>21</b>

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
BM66207		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	33,21 8,82	1,571	22
BM66208		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	41,60 19,73	1,860	22
BM66209		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	56,10 35,40	2,181	22
BM66210		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	42,31 12,63	1,691	23
BM66211		Z KASA PROFİLİ Z SHAPED FRAME PROFILE	54,14 22,99	1,979	23
BM66212		KASA İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR FRAME	32,37 10,59	1,711	24
BM66213		KASA İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR FRAME	39,05 23,90	2,014	24
BM66214		KASA İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR FRAME	48,82 46,49	2,344	24
BM66215		İÇE AÇILIR KANAT PROFİLİ VENT PROFILE FOR INWARD OPENING	43,74 9,85	1,756	25
BM66216		İÇE AÇILIR KANAT PROFİLİ VENT PROFILE FOR INWARD OPENING	54,90 22,16	2,049	25
BM66217		İÇE AÇILIR KANAT PROFİLİ VENT PROFILE FOR INWARD OPENING	72,26 40,33	2,370	25
BM66218		KANAT İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR VENT	42,25 11,27	1,862	26
BM66219		KANAT İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR VENT	50,30 25,64	2,150	26
BM66220		KANAT İÇİ ORTA KAYIT PROFİLİ TRANSOM PROFILE FOR VENT	59,47 52,38	2,480	26
BM66221		ETEK PROFİLİ SILL PROFILE	66,81 92,18	2,709	27

# BM 66

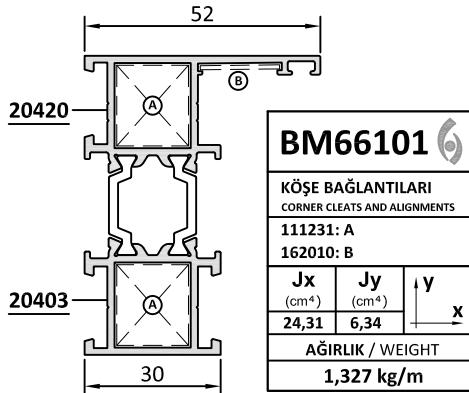
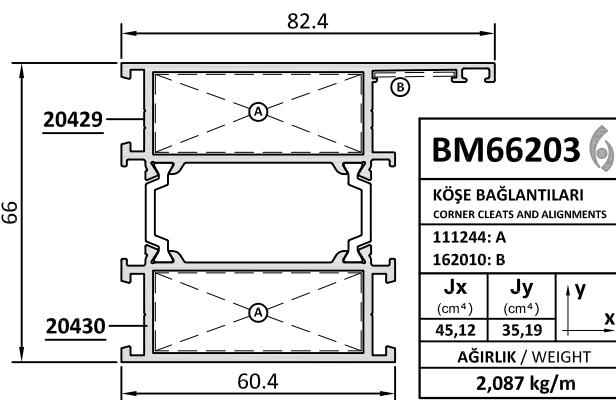
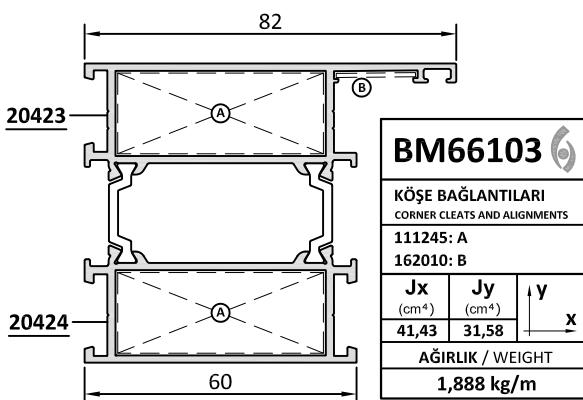
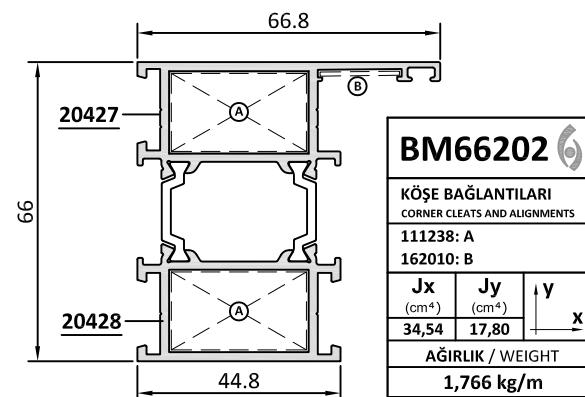
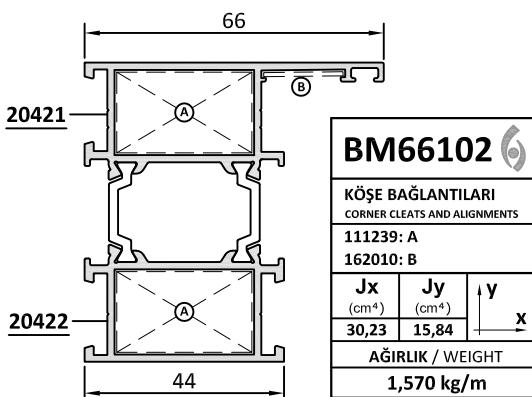
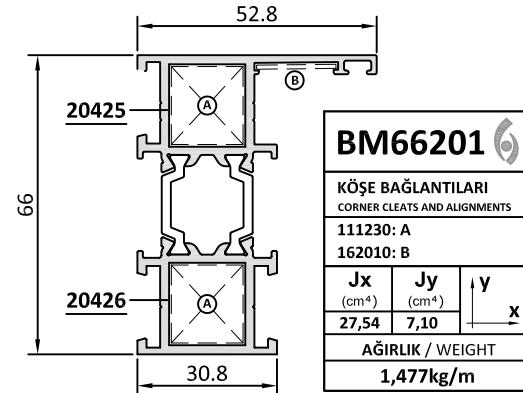
PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
BM66222		ETEK PROFİLİ SILL PROFILE	76,18 139,73	3,018	27
BM66223		ETEK PROFİLİ SILL PROFILE	85,00 201,1	3,327	27
BM66224		ETEK PROFİLİ SILL PROFILE	93,69 276,9	3,636	27
BM66227		TAKVİYELİ ORTA KAYIT PROFİLİ REINFORCEMENT TRANSOM PROFILE	225,6 37,81	3,036	29
BM66230		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	34,47 11,94	1,597	32
BM66231		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	44,37 22,57	1,885	32
BM66232		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	35,25 17,96	1,692	32
BM66233		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	44,42 31,26	1,980	33
BM66234		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	54,69 14,87	1,810	33
BM66235		GİZLİ KANAT İÇİN KASA PROFİLİ FRAME PROFILE FOR HIDDEN VENT	70,21 24,56	2,098	35
BM66243		HEMYÜZ KAPI KASA PROFİLİ FRAME PROFILE FOR FLUSH DOORS	56,45 40,26	2,347	36
BM66244		HEMYÜZ KAPI KASA PROFİLİ FRAME PROFILE FOR FLUSH DOORS	57,74 50,46	2,441	36
BM66245		HEMYÜZ KAPI KASA PROFİLİ FRAME PROFILE FOR FLUSH DOORS	65,99 40,56	2,353	36
BM66246		ADAPTÖRLÜ HEMYÜZ KAPI PROFİLİ PROFILE FOR FLUSH DOORS WITH ADAPTER	54,68 40,19	2,192	38
BM66247		ADAPTÖRLÜ HEMYÜZ KAPI PROFİLİ PROFILE FOR FLUSH DOORS WITH ADAPTER	56,59 48,84	2,265	38

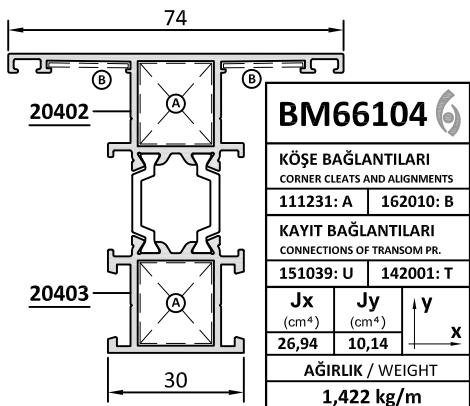
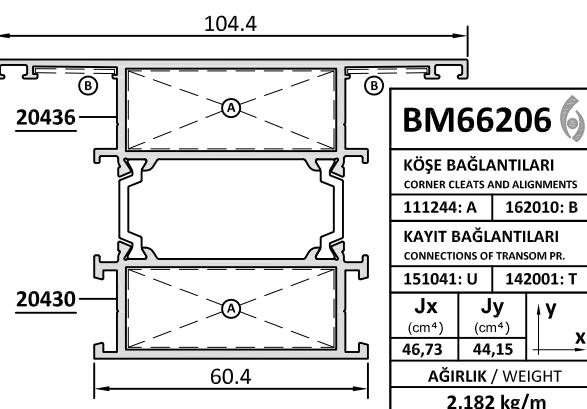
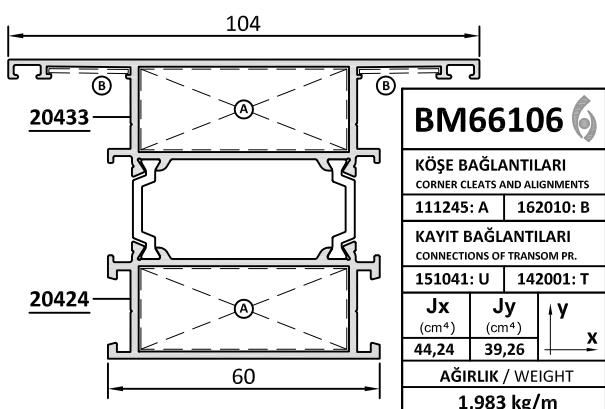
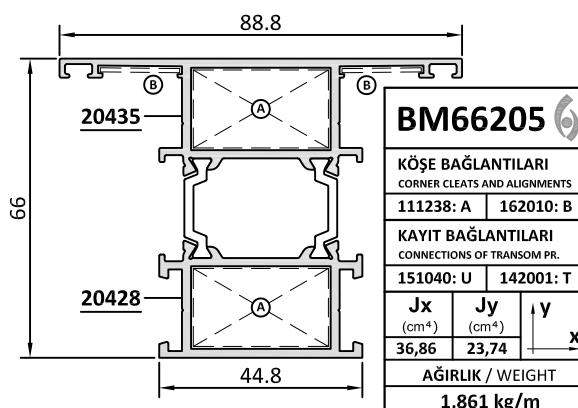
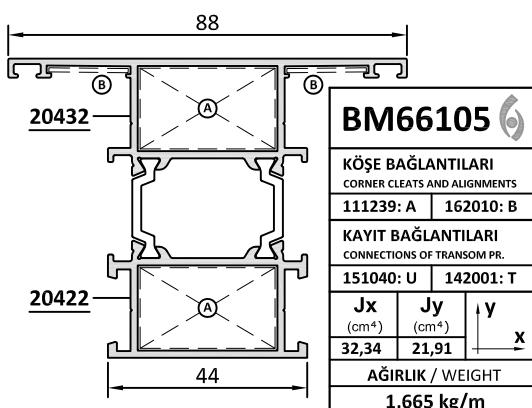
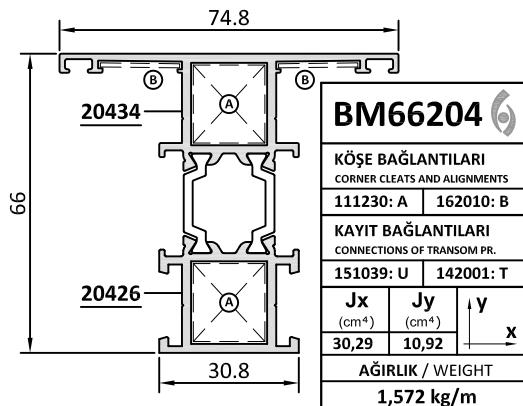
PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
BM66248		ADAPTÖRLÜ HEMYÜZ KAPI KANAT PROFİLİ VENT PROFILE FOR FLUSH DOORS WITH ADAPTER	57,02 36,77	2,141	38
BM66249		ADAPTÖRLÜ HEMYÜZ KAPI KANAT PROFİLİ VENT PROFILE FOR FLUSH DOORS WITH ADAPTER	52,56 44,07	2,171	38
BM66250		DIŞA AÇILIR KANAT PROFİLİ VENT PROFILE FOR OUTER OPENING DOOR	60,17 50,26	2,337	37
BM66251		HEMYÜZ KAPI ADAPTÖR PROFİLİ ADAPTER PROFILE FOR FLUSH DOORS	21,88 3,38	1,179	38
BM66252		HEMYÜZ KAPI ADAPTÖR PROFİLİ ADAPTER PROFILE FOR FLUSH DOORS	23,36 4,61	1,181	38
BM66253		HEMYÜZ KAPI ADAPTÖR PROFİLİ ADAPTER PROFILE FOR FLUSH DOORS	24,22 4,73	1,228	38
BM66254		ETEK PROFİLİ SILL PROFILE	57,21 125,18	2,904	28
BM66255		ETEK PROFİLİ SILL PROFILE	69,02 228,7	3,419	28
BM66256		KÖŞE DÖNÜŞ ADAPTÖR PROFİLİ ADAPTER PROFILE FOR CORNER CONNECTION	17,81 11,78	1,192	30
BM66257		90° AÇILI KÖŞE DÖNÜŞ PROFİLİ CORNER PROFILE WITH THE ANGLE OF 90°	34,13 20,08	1,621	30
BM66258		ADAPTÖR PROFİLİ ADAPTER PROFILE	24,75 8,45	1,365	31
BM66259		ADAPTÖR PROFİLİ ADAPTER PROFILE	31,02 12,45	1,484	30
BM66260		KASA EK PROFİLİ ADDITIONAL PROFILE FOR FRAME	54,70 112,67	2,825	41
BM66261		KASA EK PROFİLİ ADDITIONAL PROFILE FOR FRAME	66,23 211,4	3,340	41
BM66262		KASA EK PROFİLİ ADDITIONAL PROFILE FOR FRAME	23,37 4,68	1,383	40

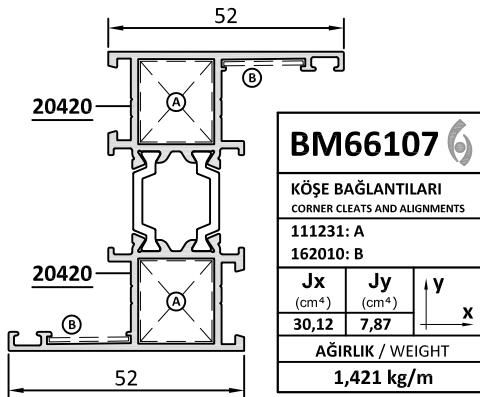
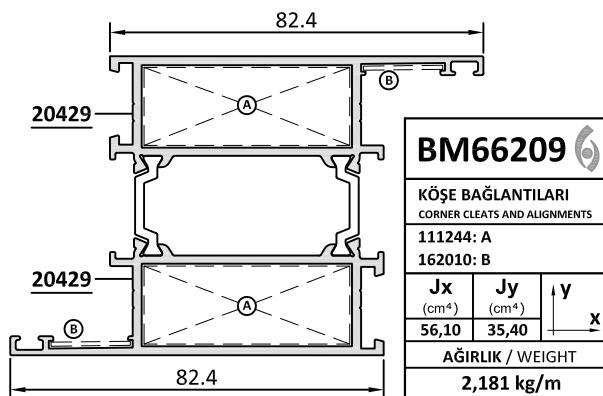
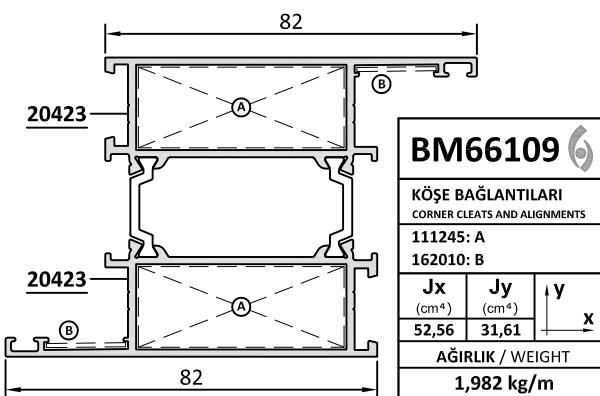
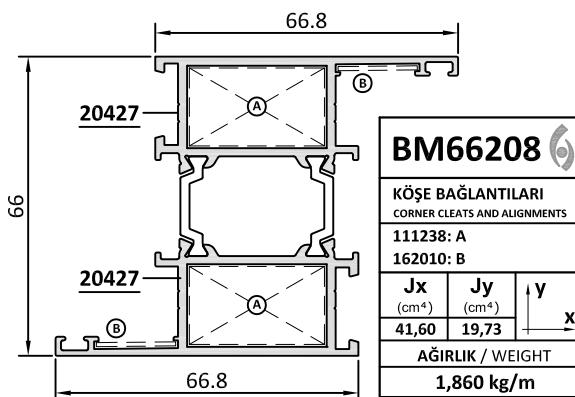
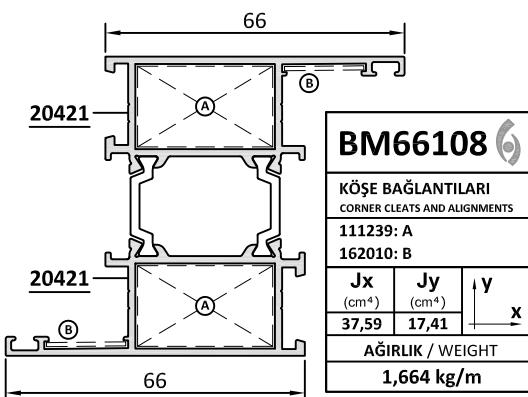
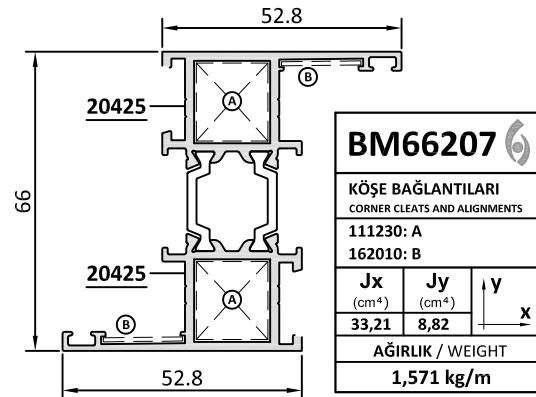
**BM 66**

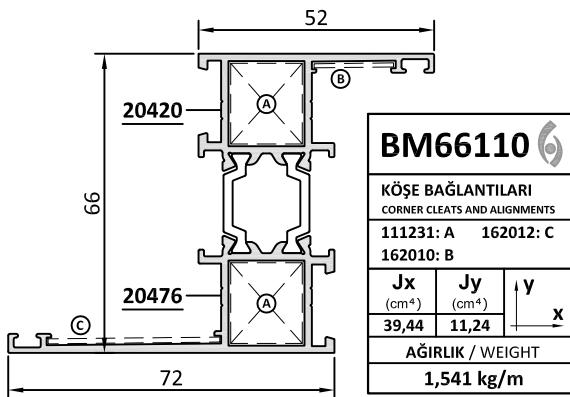
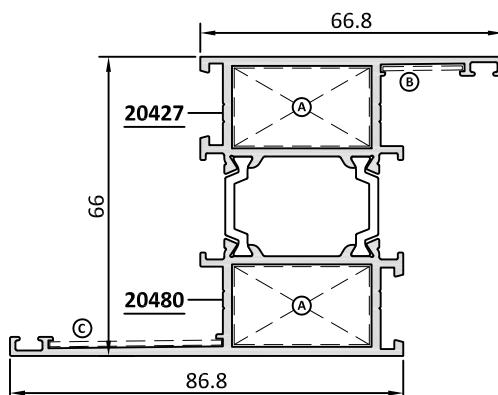
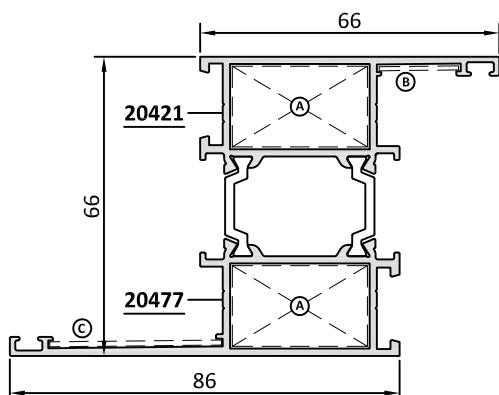
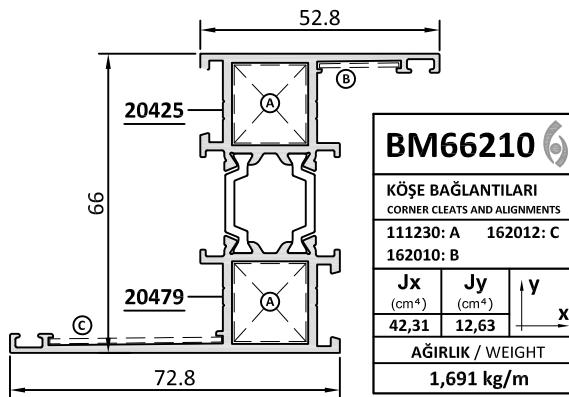
PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	STATİK Jx (cm <sup>4</sup> ) Jy (cm <sup>4</sup> )	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
BM66263		KASA EK PROFİLİ ADDITIONAL PROFILE FOR FRAME	29,82 14,34	1,672	40
BM66264		KASA EK PROFİLİ ADDITIONAL PROFILE FOR FRAME	37,01 32,97	1,993	40
BM66265		PVC KANALLI KANAT PROFİLİ VENT PROFILE WITH PVC GROOVE	46,05 11,51	1,807	39
BM66266		PVC KANALLI KANAT PROFİLİ VENT PROFILE WITH PVC GROOVE	57,88 24,81	2,111	39
BM66267		PVC KANALLI KANAT PROFİLİ VENT PROFILE WITH PVC GROOVE	77,42 43,45	2,448	39
BM66268		ADAPTÖR PROFİLİ ADAPTER PROFILE	37,89 19,12	1,743	31
BM66270		ADAPTÖR PROFİLİ ADAPTER PROFILE	22,01 6,49	1,283	31
BM66271		GENİŞ ORTA KAYIT PROFİLİ LARGE TRANSOM PROFILE	61,50 138,00	3,163	28
BM66272		GENİŞ ORTA KAYIT PROFİLİ LARGE TRANSOM PROFILE	73,08 247,5	3,678	28
S5671-00		TİJ PROFİLİ ROD PROFILE	-	0,145	31
2000-12		SÖVE PROFİLİ DURN PROFILE	-	0,395	41
2000-20		SÖVE PROFİLİ DURN PROFILE	-	0,635	41
3080-20		LAMBRİ PROFİLİ PANEL PROFILE	-	1,482	41
5690-15		KÖR KASA T PROFİLİ T PROFILE FOR FRAME	-	0,310	41
5691-15		KÖR KASA T PROFİLİ T PROFILE FOR FRAME	-	0,335	41

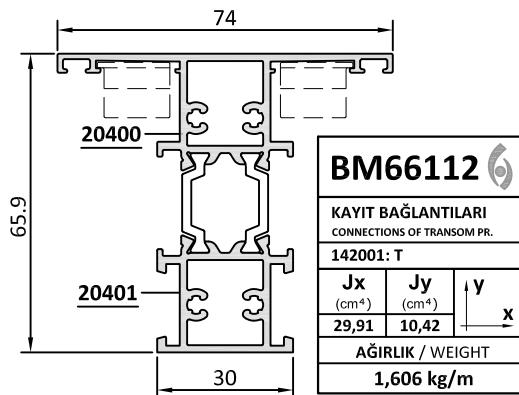
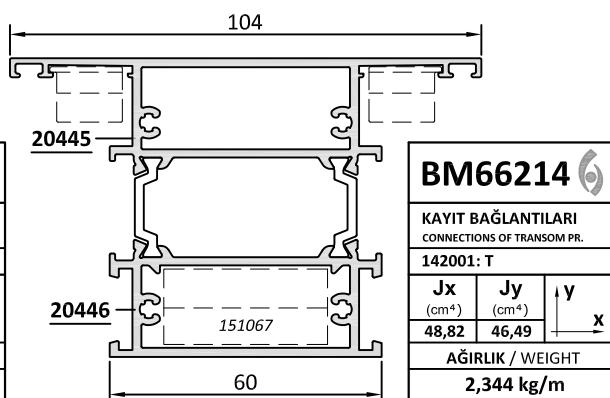
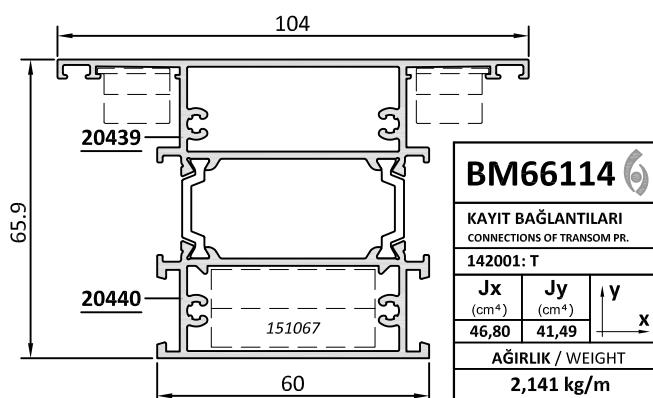
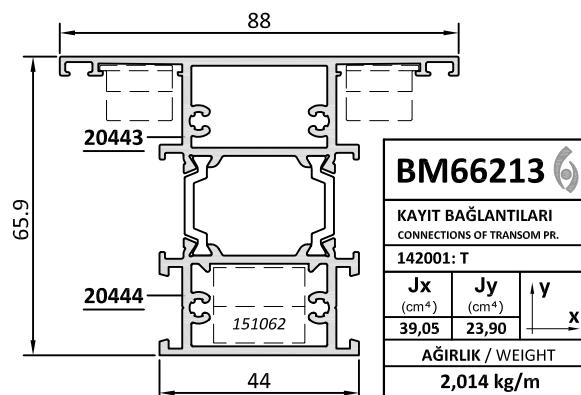
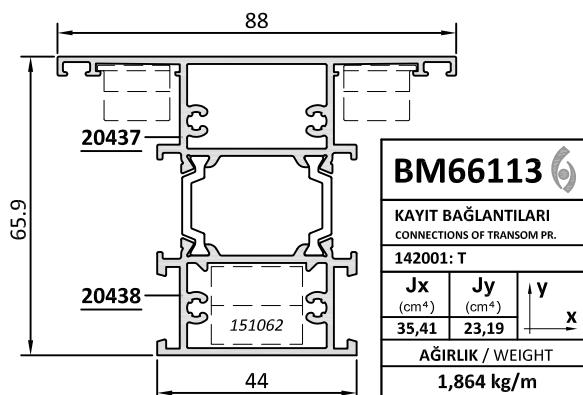
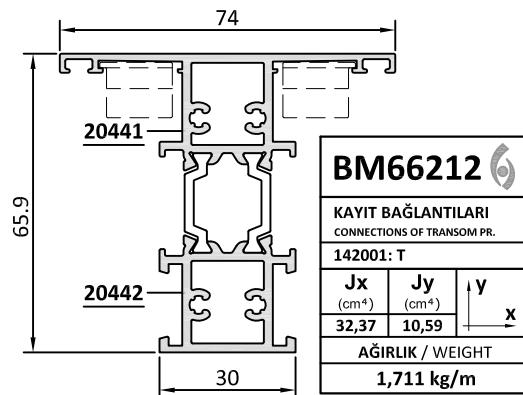


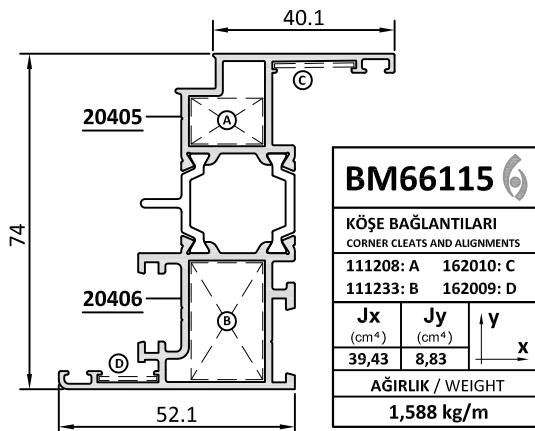
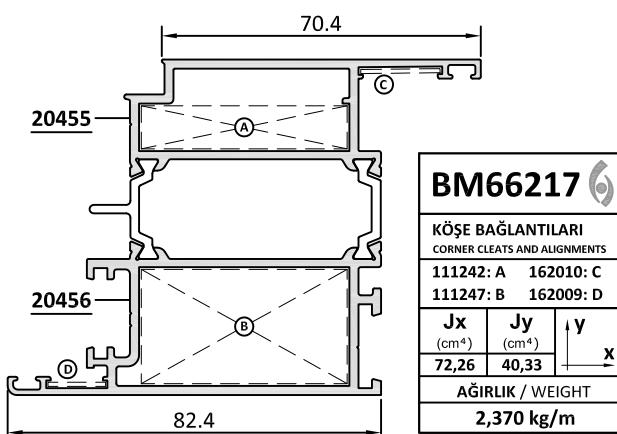
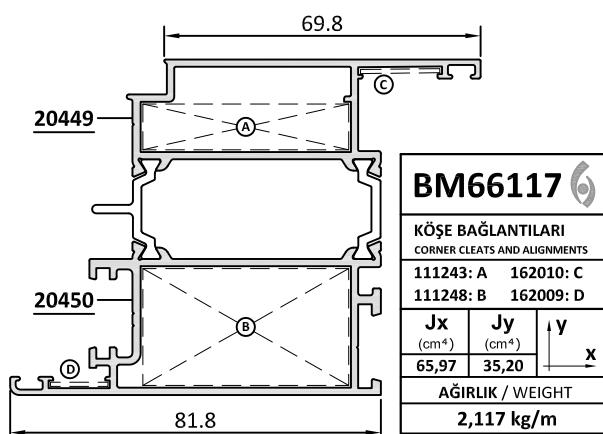
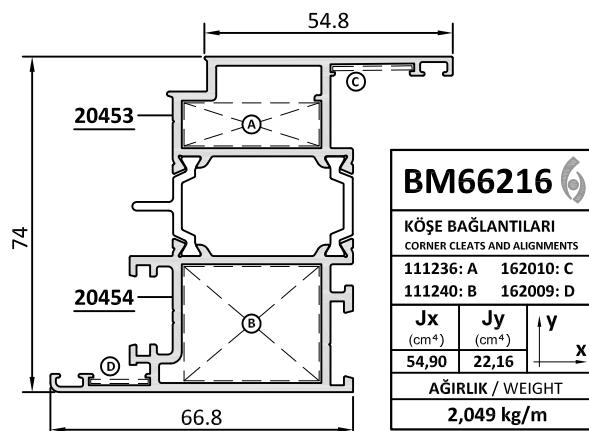
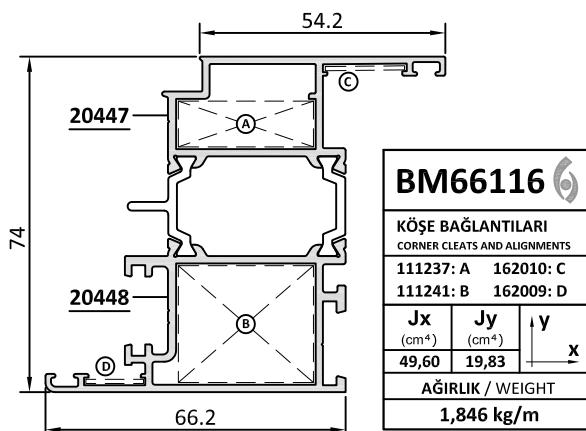
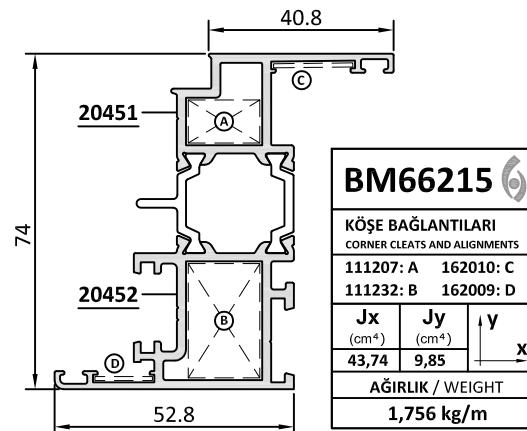
**L KASA PROFİLLERİ / L SHAPED FRAME PROFILES****1,6mm****2mm**

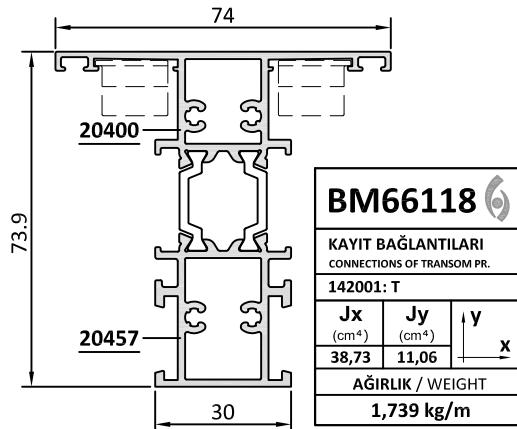
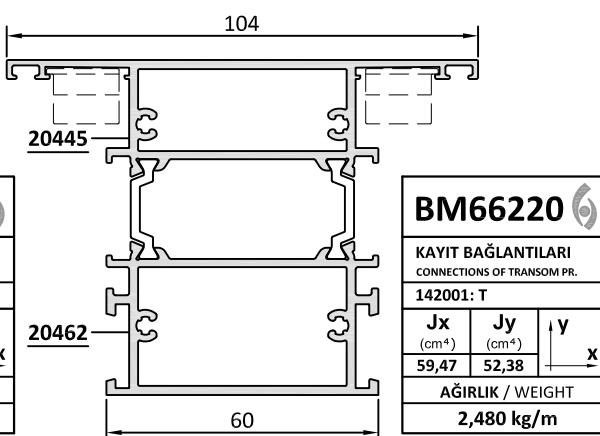
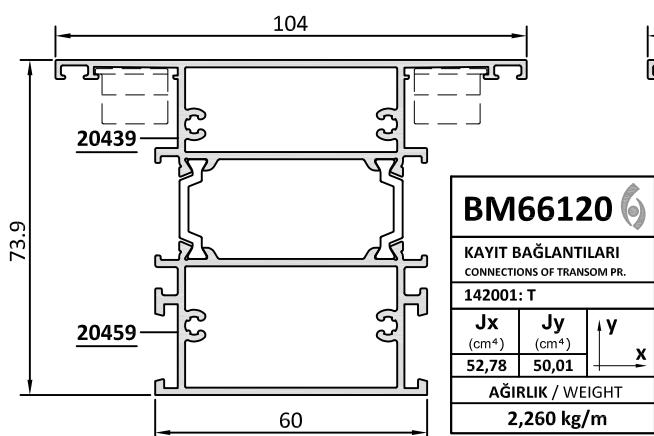
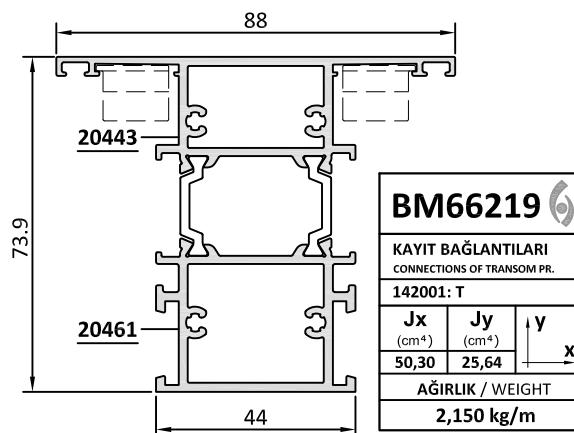
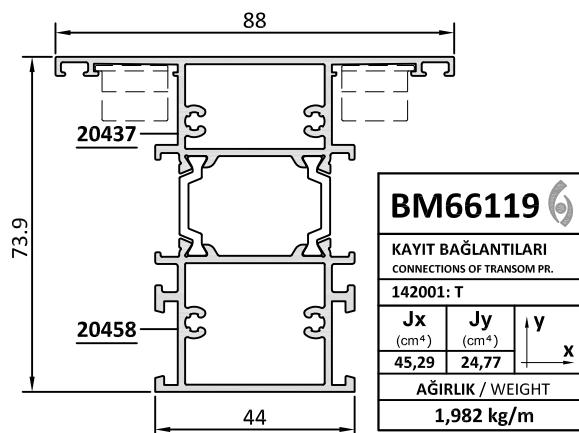
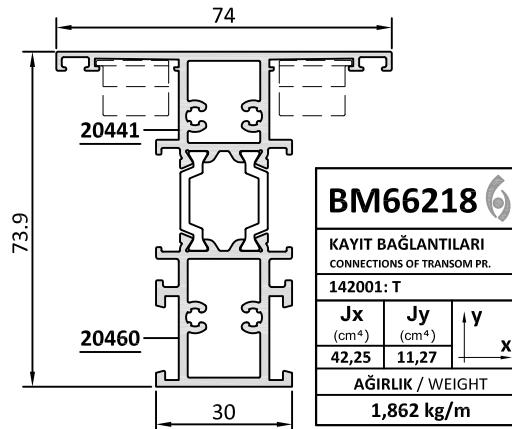
**T KASA PROFİLLERİ / T SHAPED FRAME PROFILES****1,6mm****2mm**

**Z KASA PROFİLLERİ / Z SHAPED FRAME PROFILES****1,6mm****2mm**

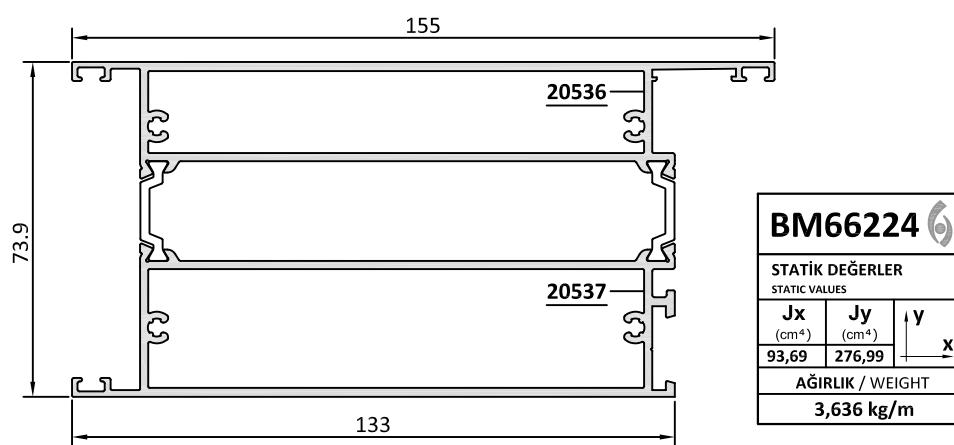
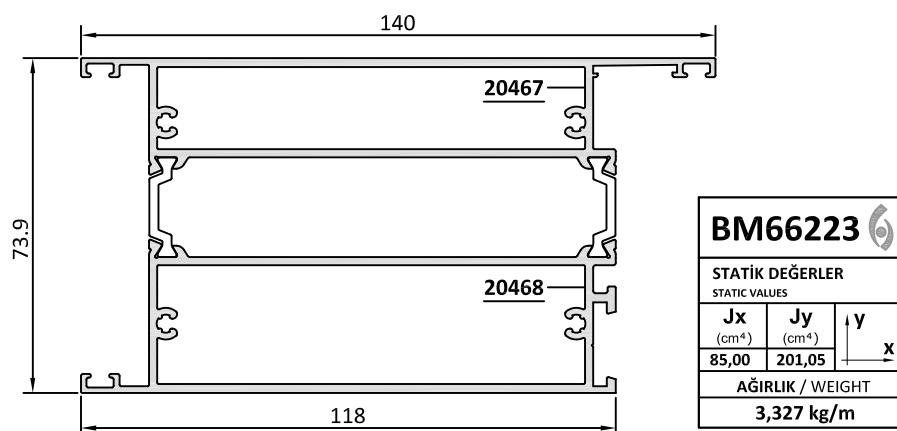
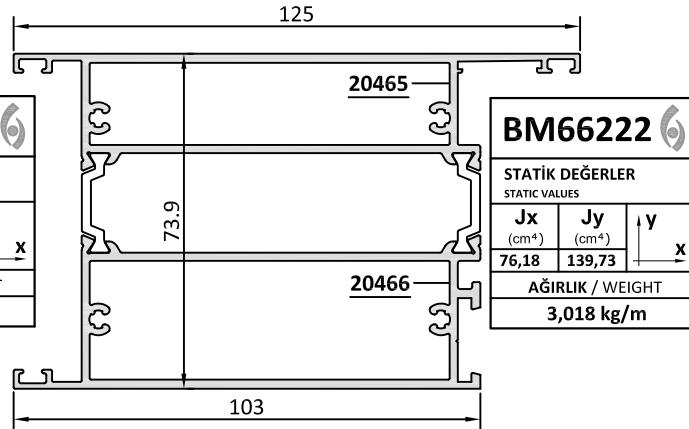
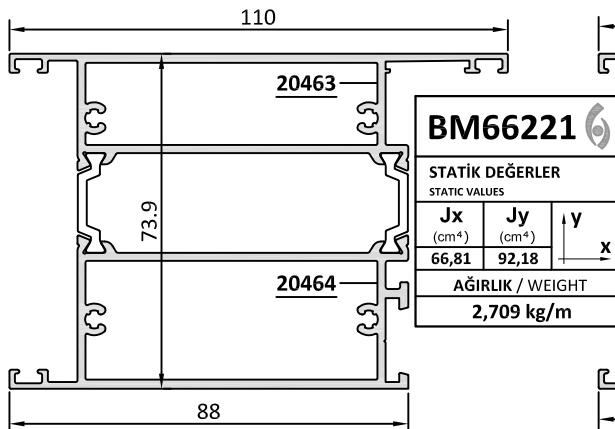
**Z KASA PROFİLLERİ / Z SHAPED FRAME PROFILES****1,6mm****2mm**

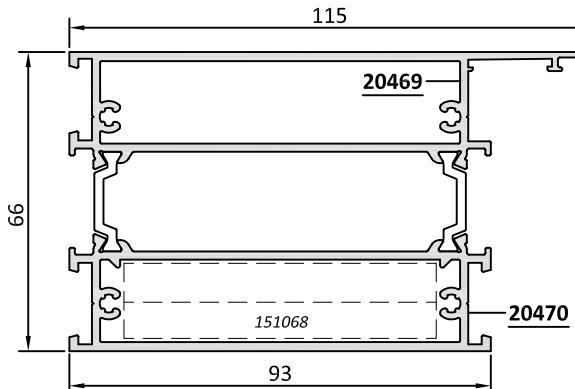
**KASA İÇİ ORTA KAYIT PROFİLLERİ / TRANSOM PROFILES FOR FRAME****1,6mm****2mm**

İÇE AÇILIR KANAT PROFİLLERİ / VENT PROFILES FOR INWARD OPENING**1,6mm****2mm**

**KANAT İÇİ ORTA KAYIT PROFİLLERİ / TRANSOM PROFILES FOR VENT****1,6mm****2mm**

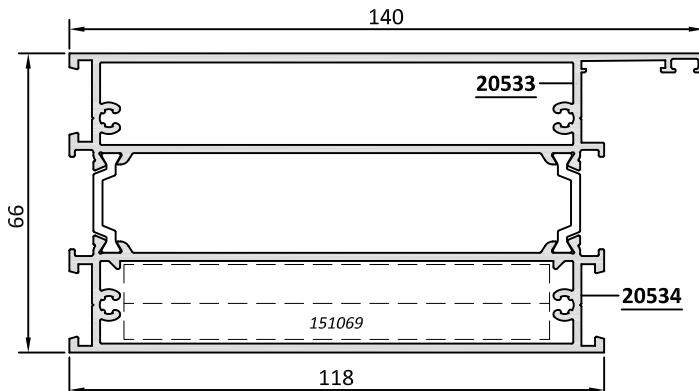
NOT: BU SAYFADAKİ PROFİLLER HEMYÜZ KAPILARIN KASA VE KANATLARINDA ORTA KAYIT OLARAK KULLANILABİLMEKTEDİR.  
NOTE: THE PROFILES SHOWN AT THIS PAGE COULD BE USED AS TRANSOM BOTH FRAME AND VENT PROFILES IN FLUSH DOORS.

**ETEK PROFİLLERİ / SILL PROFILES**

**ETEK PROFİLLERİ / SILL PROFILES****BM66254**STATİK DEĞERLER  
STATIC VALUES

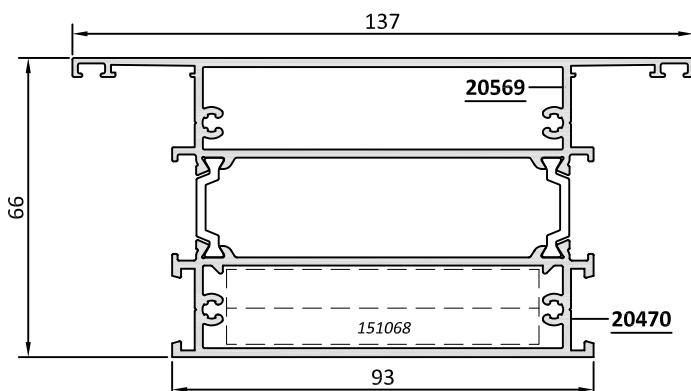
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	<b>y</b>
57,21	125,18	x
AĞIRLIK / WEIGHT		
2,904 kg/m		

\*\* Bu kayıt profili sadece binili kapıların kasalarıyla birlikte kullanılabilmektedir.  
This transom profile could be only used with step door frames.

**BM66255**STATİK DEĞERLER  
STATIC VALUES

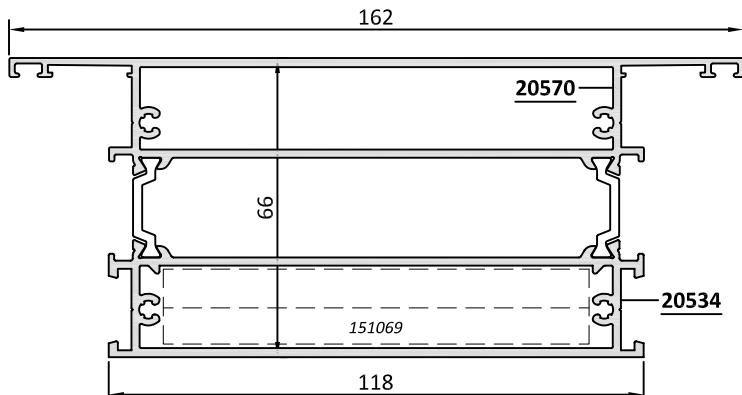
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	<b>y</b>
69,02	228,77	x
AĞIRLIK / WEIGHT		
3,419 kg/m		

\*\* Bu kayıt profili sadece binili kapıların kasalarıyla birlikte kullanılabilmektedir.  
This transom profile could be only used with step door frames.

**BM66271**STATİK DEĞERLER  
STATIC VALUES

<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	<b>y</b>
61,50	138,00	x
AĞIRLIK / WEIGHT		
3,163 kg/m		

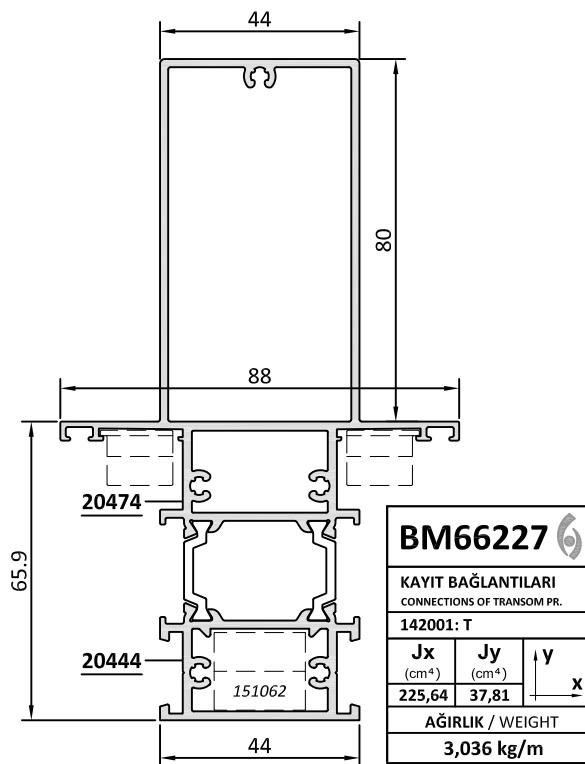
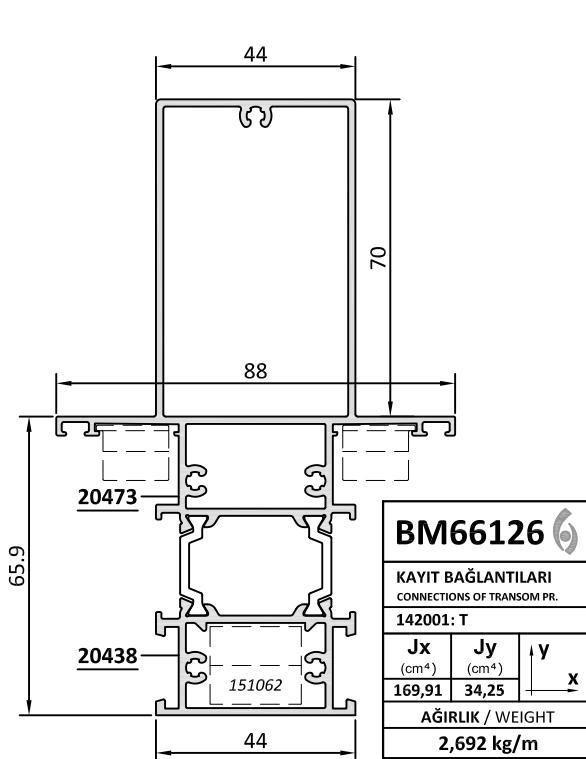
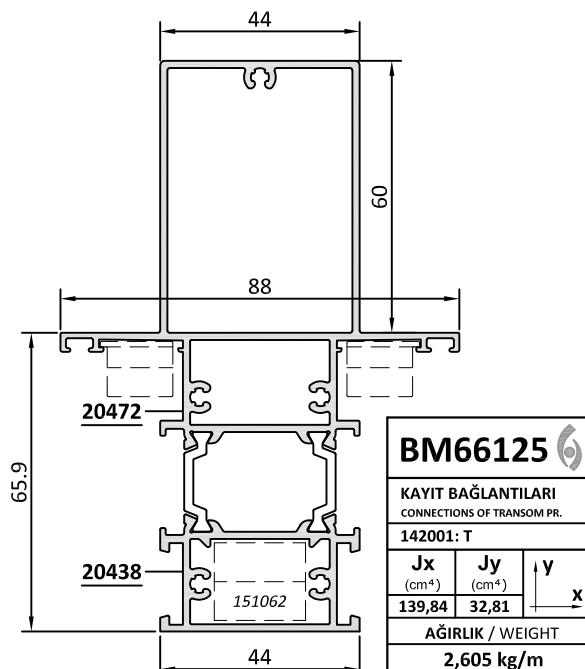
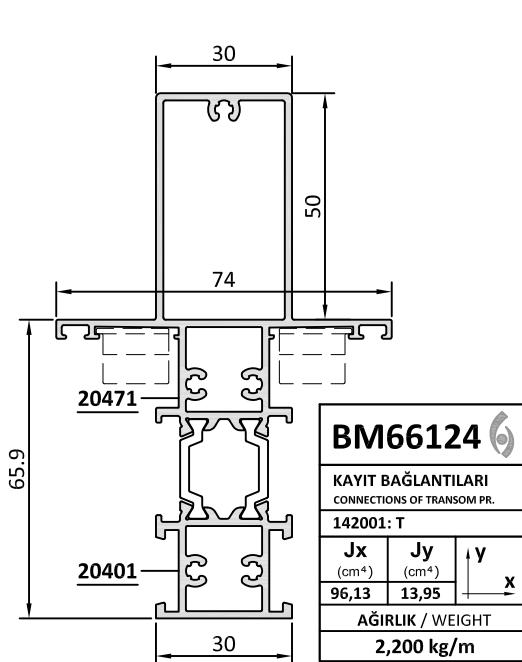
\*\* Bu kayıt profili sadece binili kapıların kasalarıyla birlikte kullanılabilmektedir.  
This transom profile could be only used with step door frames.

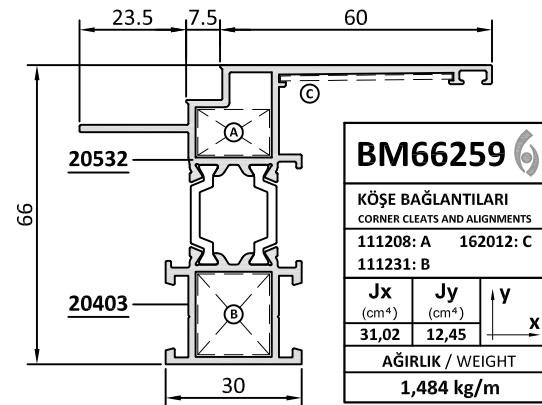
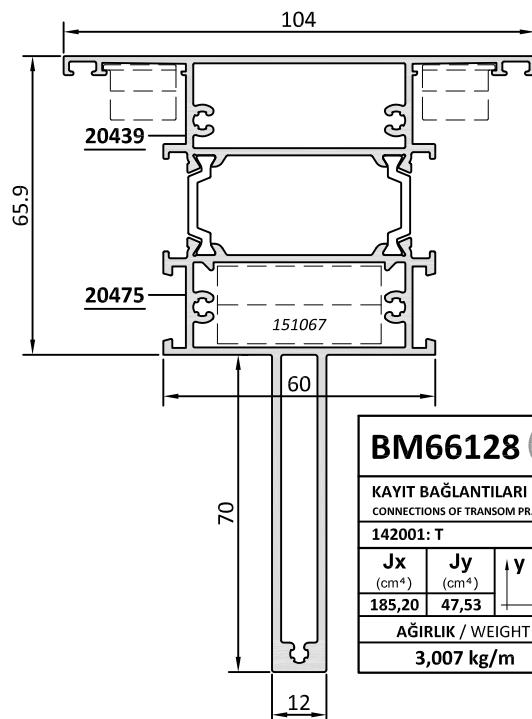
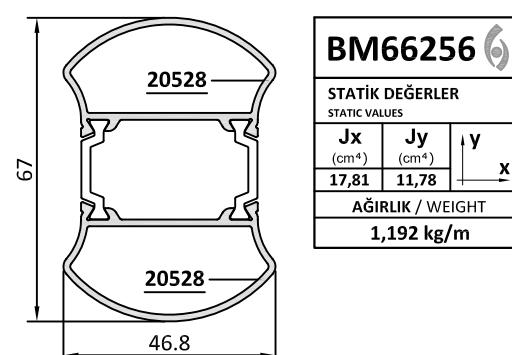
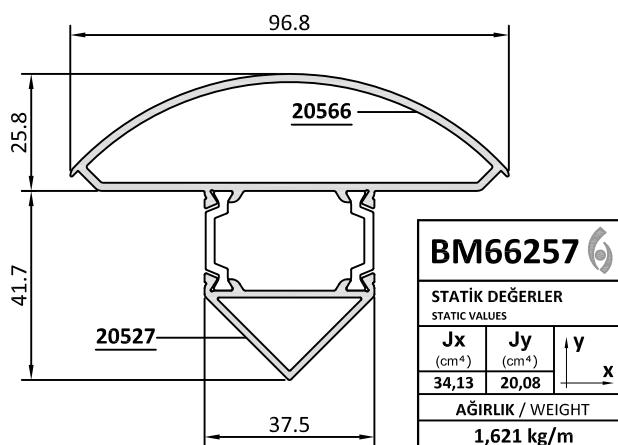
**BM66272**STATİK DEĞERLER  
STATIC VALUES

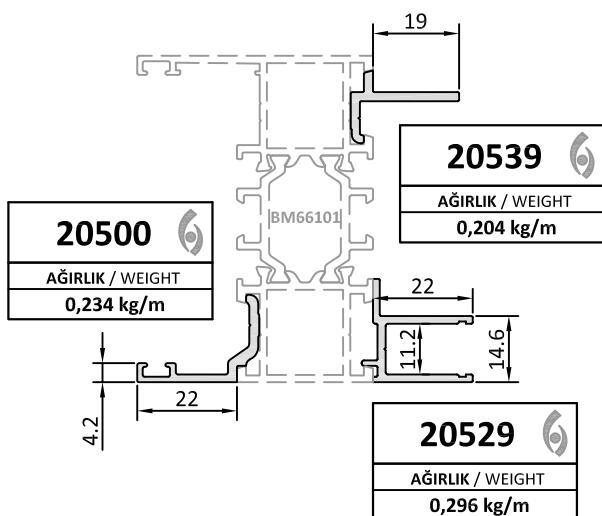
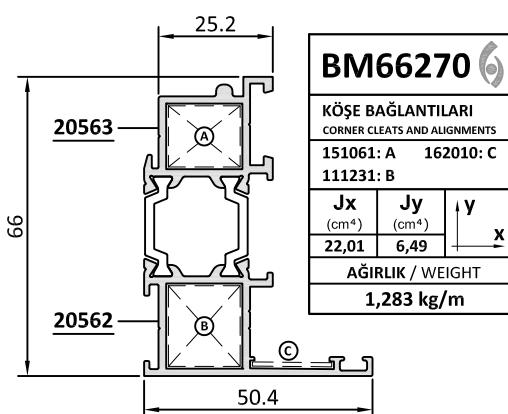
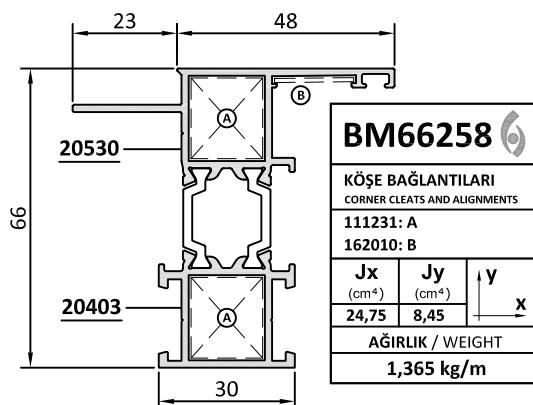
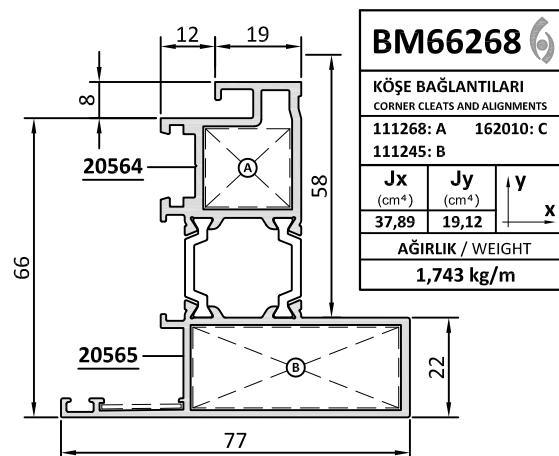
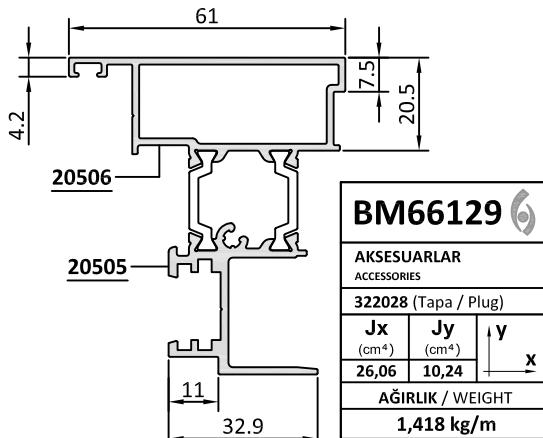
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	<b>y</b>
73,08	247,51	x
AĞIRLIK / WEIGHT		
3,678 kg/m		

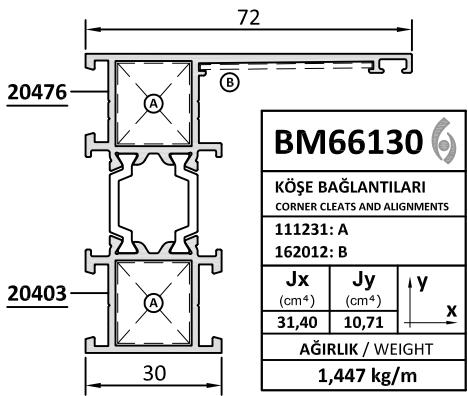
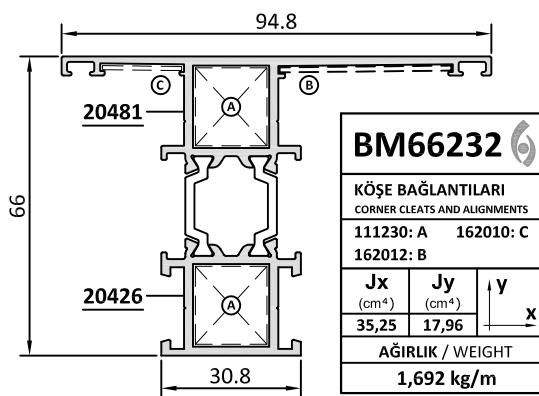
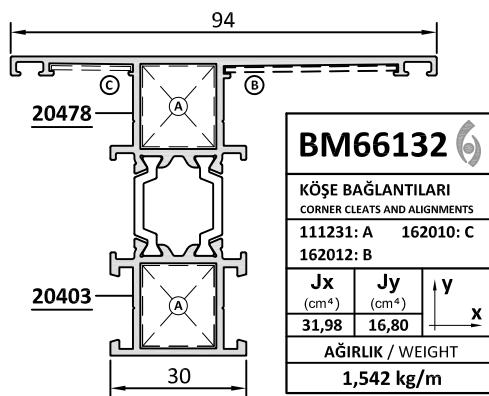
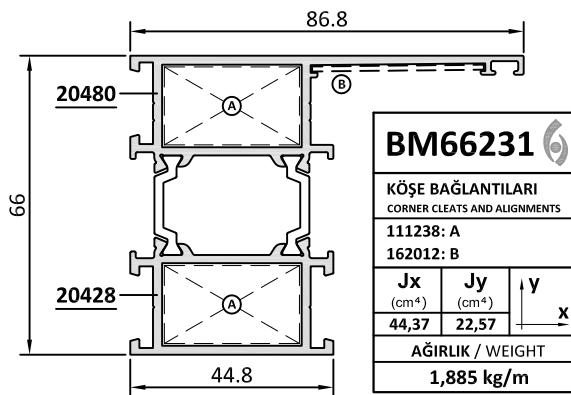
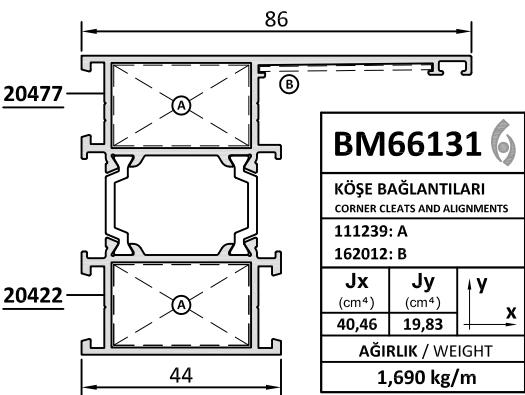
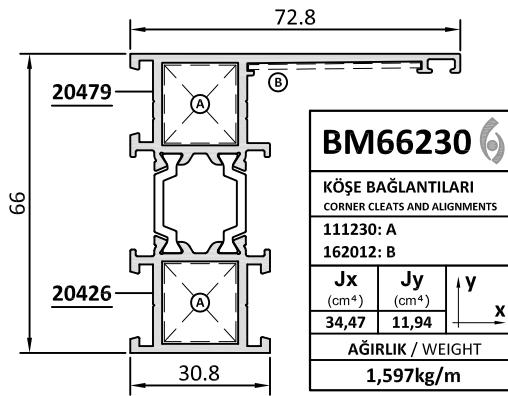
\*\* Bu kayıt profili sadece binili kapıların kasalarıyla birlikte kullanılabilmektedir.  
This transom profile could be only used with step door frames.

## TAKVİYELİ ORTA KAYIT PROFİLLERİ / REINFORCEMENT TRANSOM PROFILES



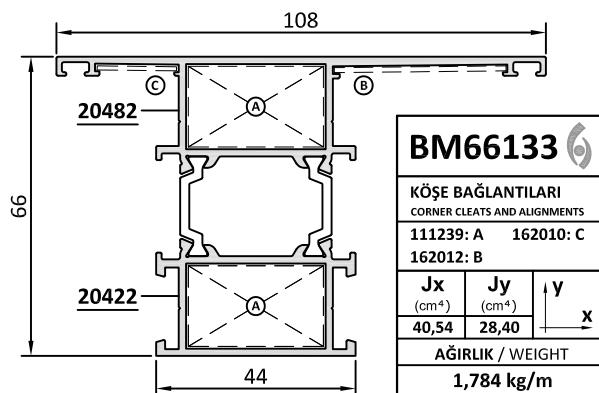
**TAKVİYELİ ORTA KAYIT PROFİLLERİ / REINFORCEMENT TRANSOM PROFILES****KÖŞE DÖNÜŞ PROFİLLERİ / ADAPTER PROFILES FOR THE CORNER JOINT**

**ADAPTÖR PROFİLLERİ / ADAPTER PROFILES**

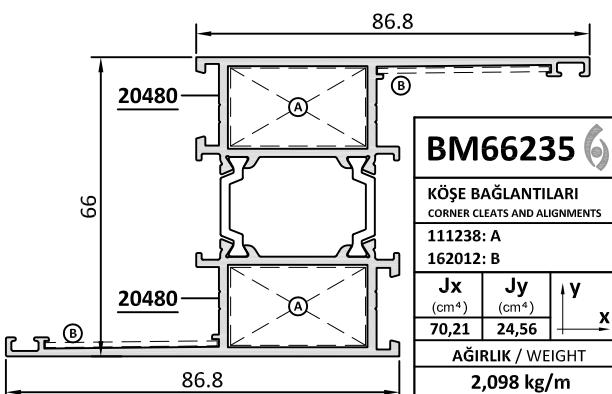
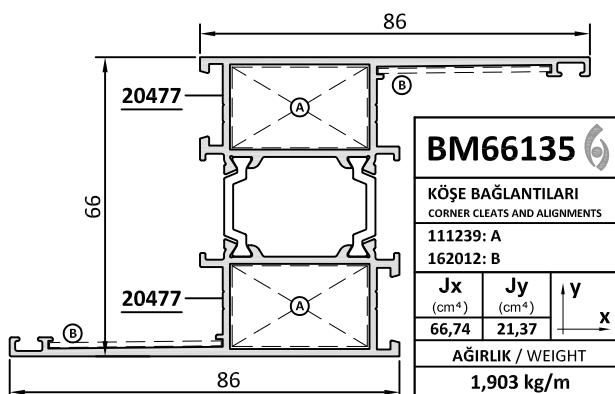
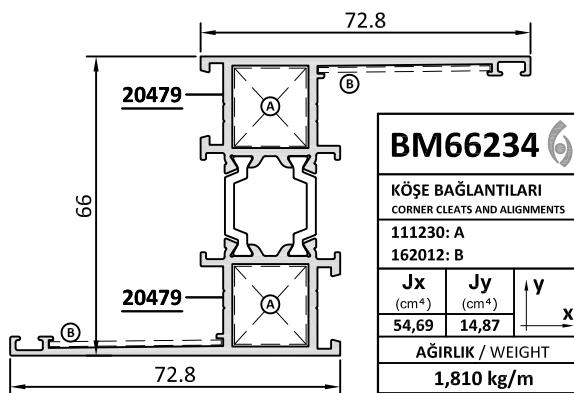
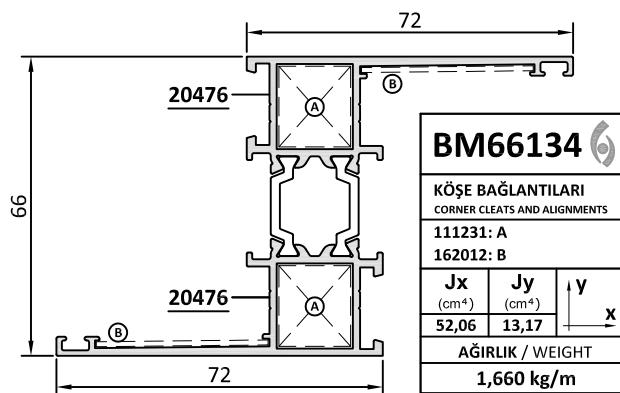
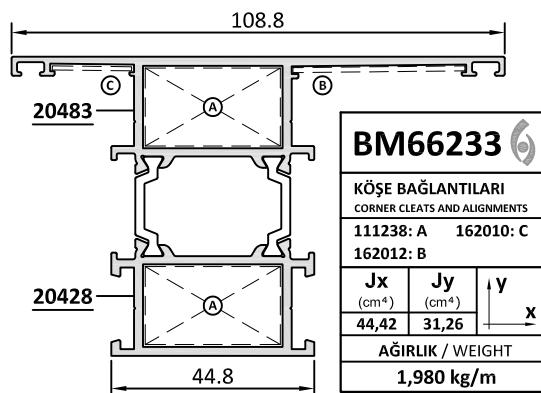
**GİZLİ KANAT İÇİN KASA PROFİLLERİ / FRAME PROFILES FOR HIDDEN VENT****1,6mm****2mm**

## GİZLİ KANAT İÇİN KASA PROFİLLERİ / FRAME PROFILES FOR HIDDEN VENT

**1,6mm**

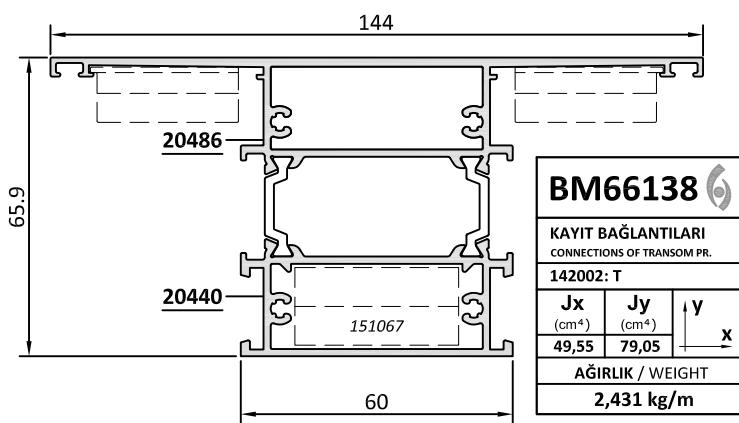
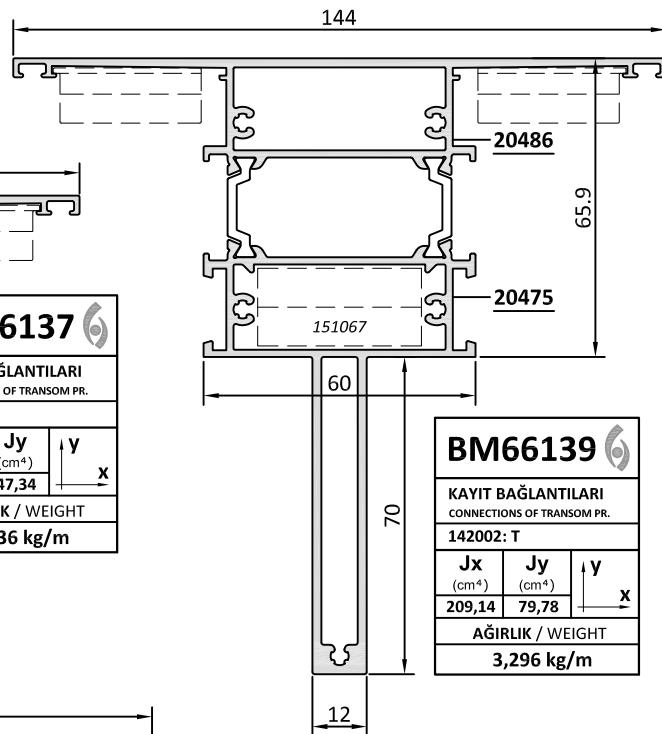
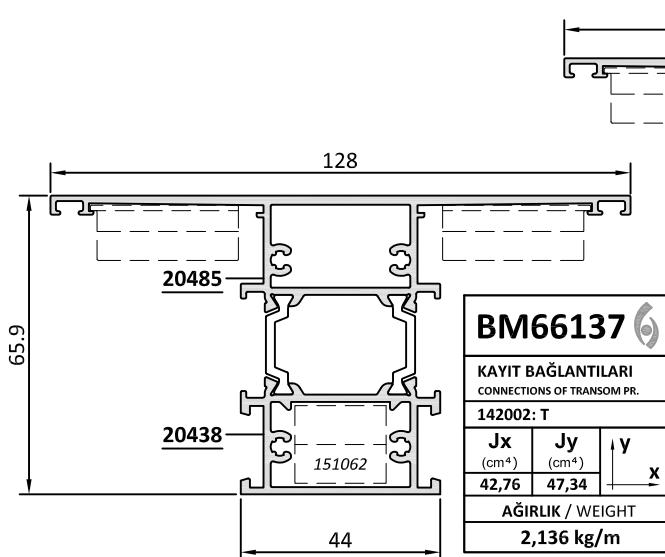
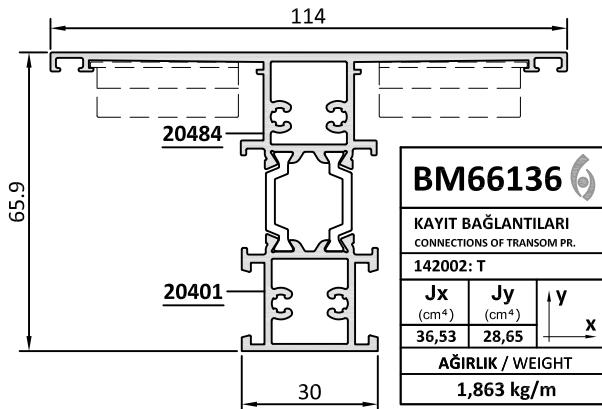


**2mm**



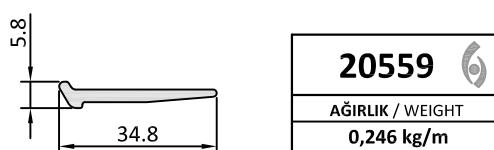
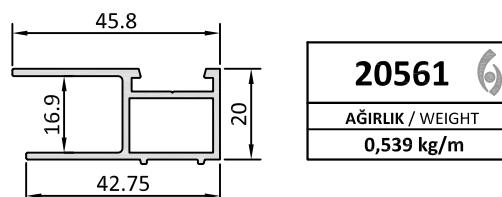
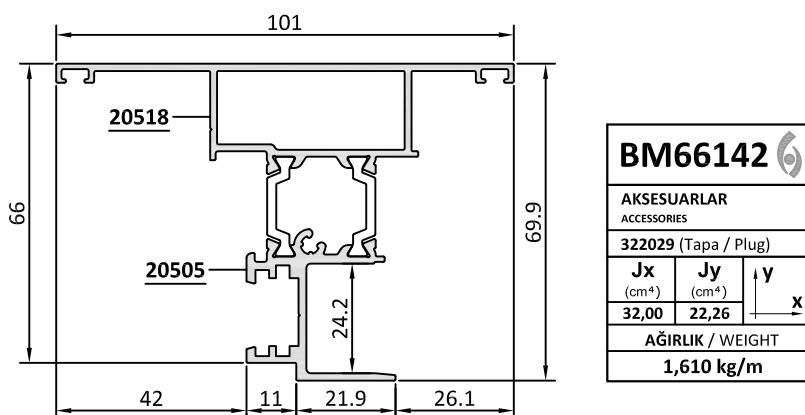
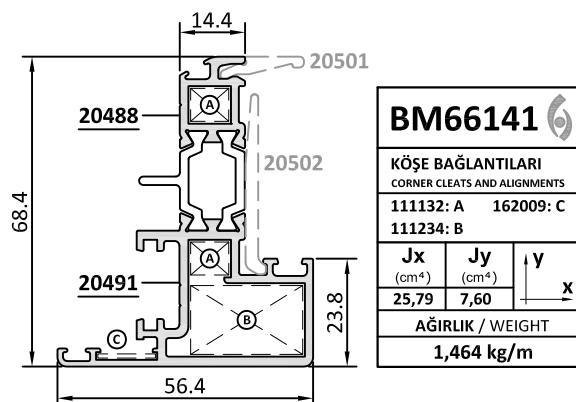
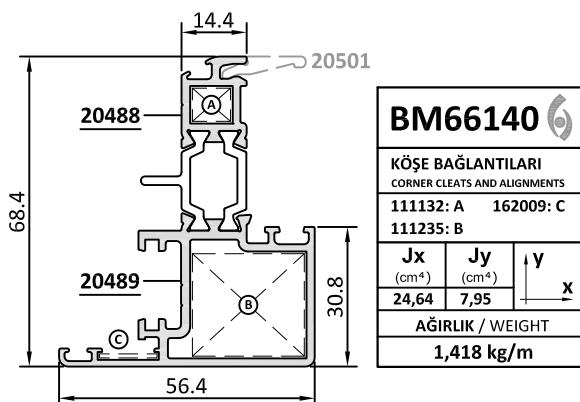
## GİZLİ KANAT İÇİN ORTA KAYIT PROFİLLERİ

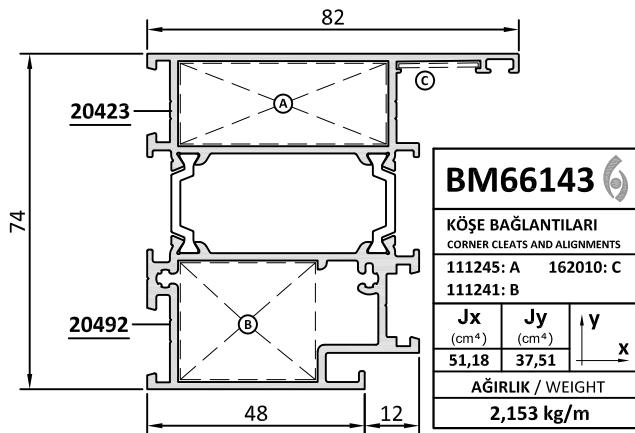
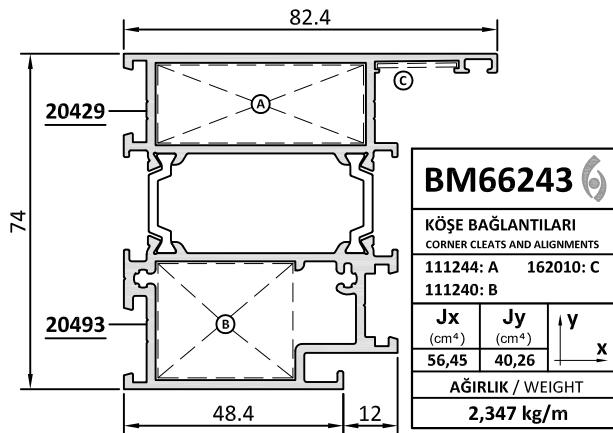
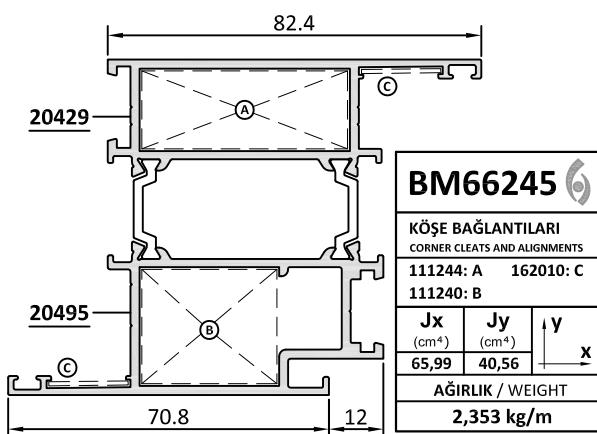
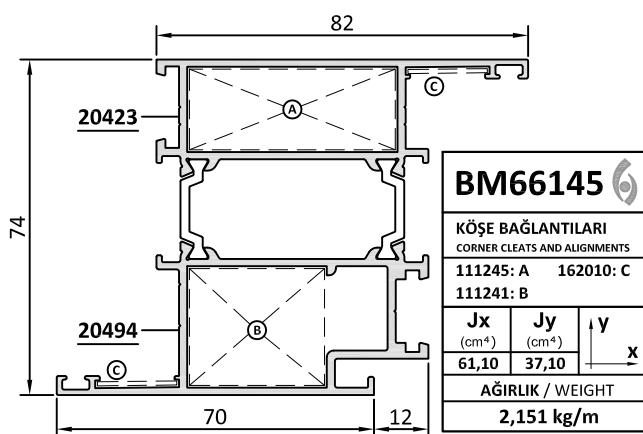
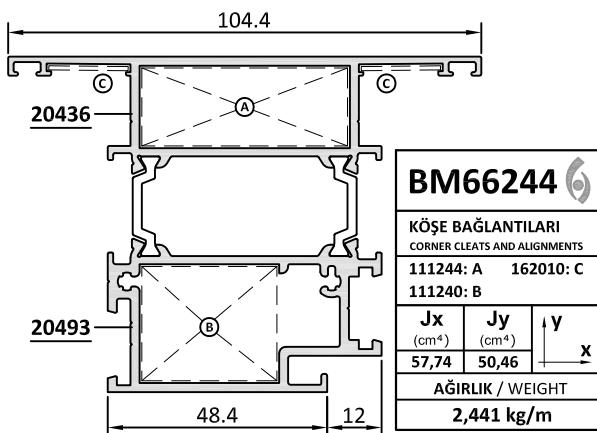
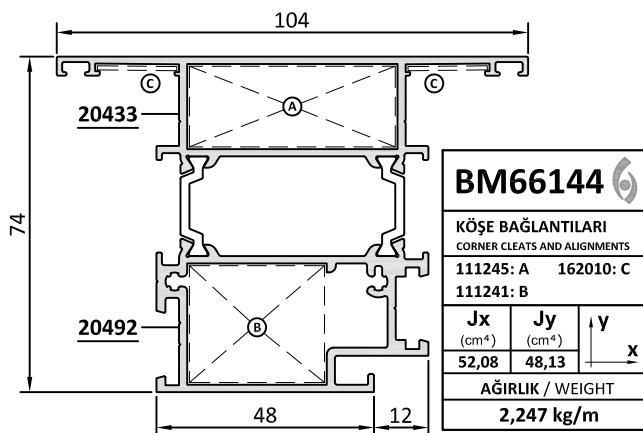
### TRANSOM PROFILES FOR HIDDEN VENT



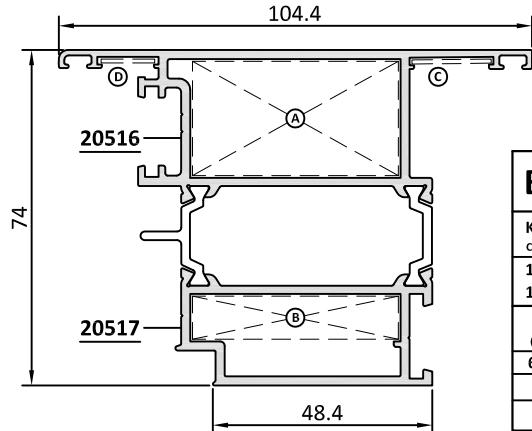
## GİZLİ KANAT İÇİN ADAPTÖRLER VE KANAT PROFİLLERİ

### ADAPTERS AND VENT PROFILES FOR HIDDEN VENT

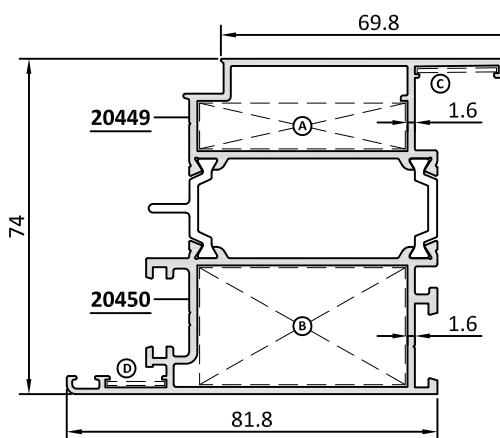


**HEMYÜZ KAPI KASA PROFİLLERİ / FRAME PROFILES FOR FLUSH DOORS****1,6mm****2mm****36**

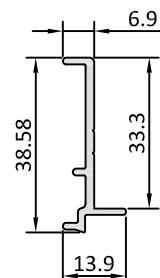
## HEMYÜZ KAPI KANAT PROFİLLERİ / VENT PROFILES FOR FLUSH DOORS



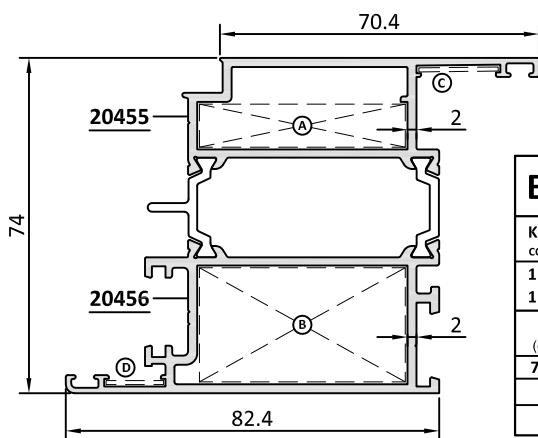
BM66250	
KÖŞE BAĞLANTILARI CORNER CLEATS AND ALIGNMENTS	
111242: A 162010: C 111244: B 162009: D	
Jx (cm <sup>4</sup> )	
60,17	50,26
AĞIRLIK / WEIGHT	
2,337 kg/m	



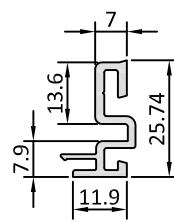
BM66117	
KÖŞE BAĞLANTILARI CORNER CLEATS AND ALIGNMENTS	
111243: A 162010: C 111248: B 162009: D	
Jx (cm <sup>4</sup> )	Jy (cm <sup>4</sup> )
65,97	35,20
AĞIRLIK / WEIGHT	
2,117 kg/m	



20519	
AĞIRLIK / WEIGHT	
0,270 kg/m	



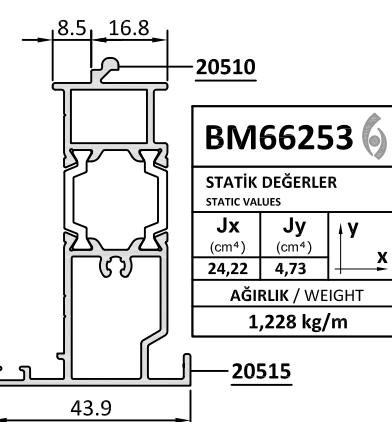
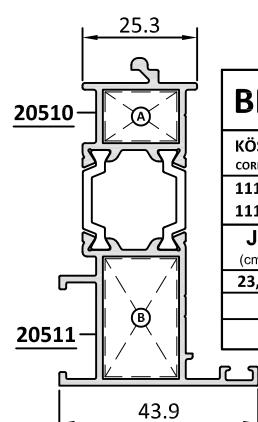
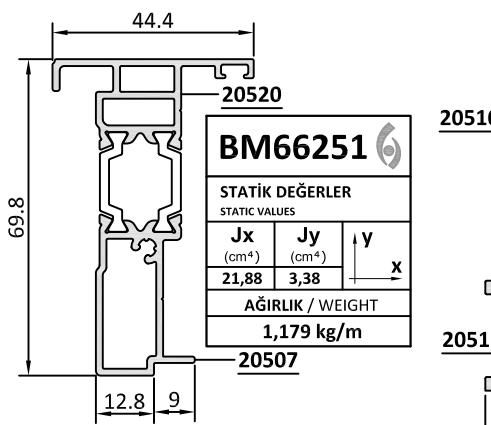
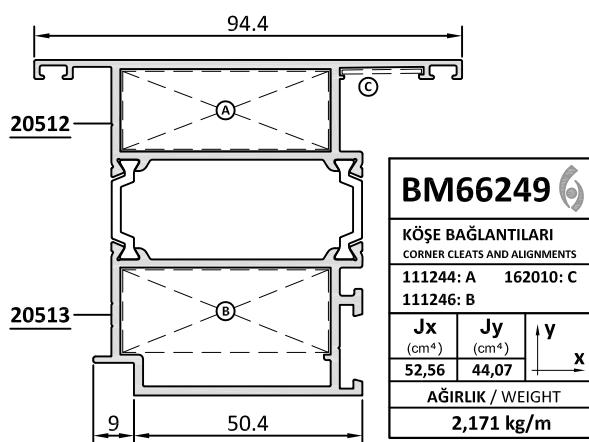
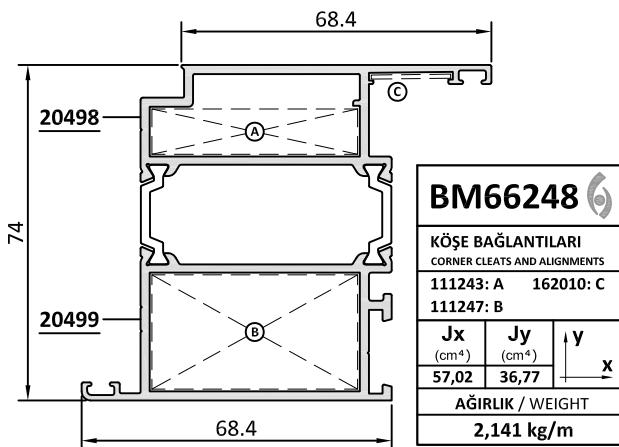
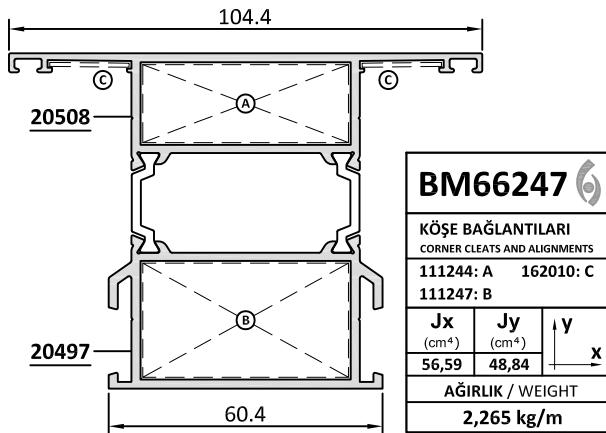
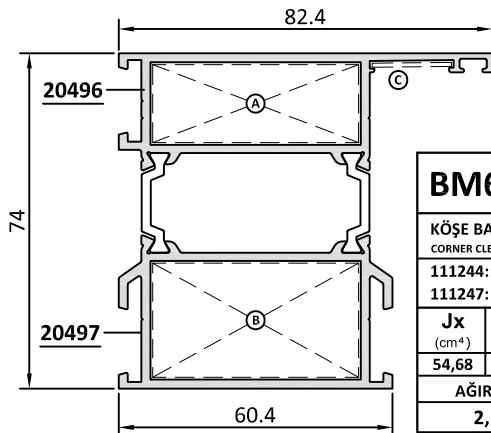
BM66217	
KÖŞE BAĞLANTILARI CORNER CLEATS AND ALIGNMENTS	
111242: A 162010: C 111247: B 162009: D	
Jx (cm <sup>4</sup> )	Jy (cm <sup>4</sup> )
72,26	40,33
AĞIRLIK / WEIGHT	
2,370 kg/m	



20557	
AĞIRLIK / WEIGHT	
0,312 kg/m	

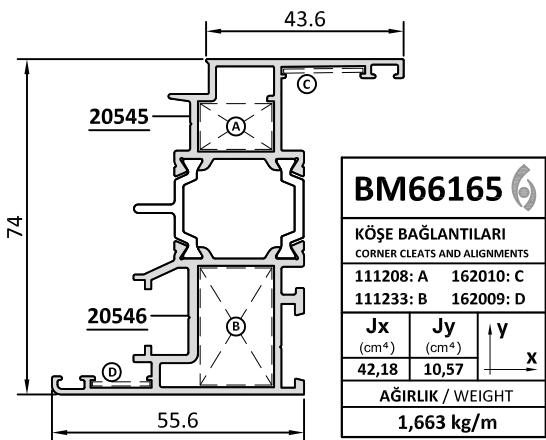
## ADAPTÖRLÜ HEMYÜZ KAPI PROFİLLERİ

### PROFILES FOR FLUSH DOORS WITH ADAPTER

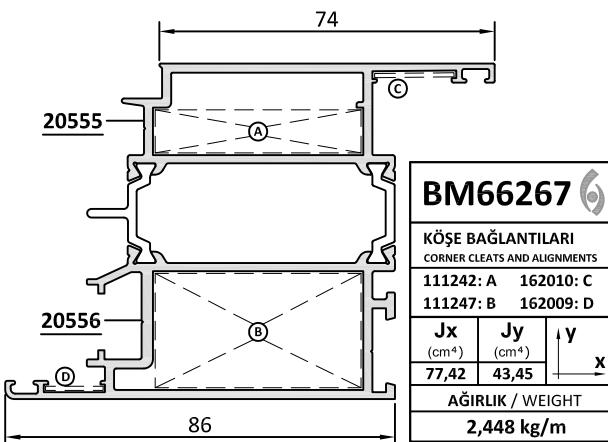
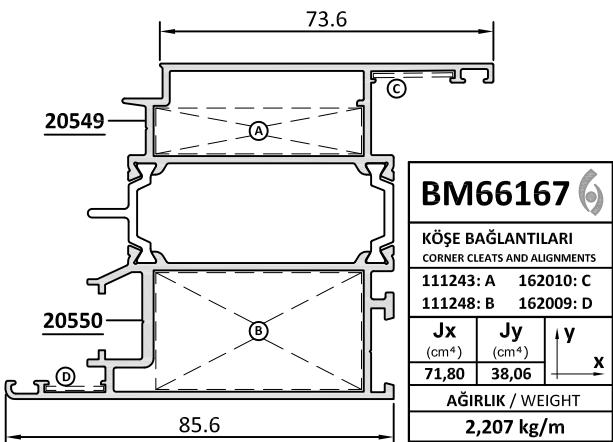
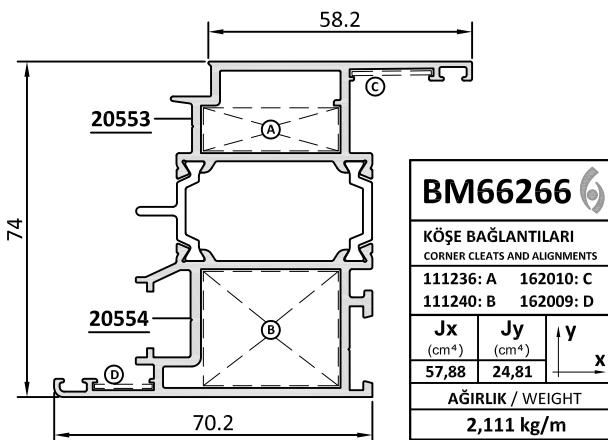
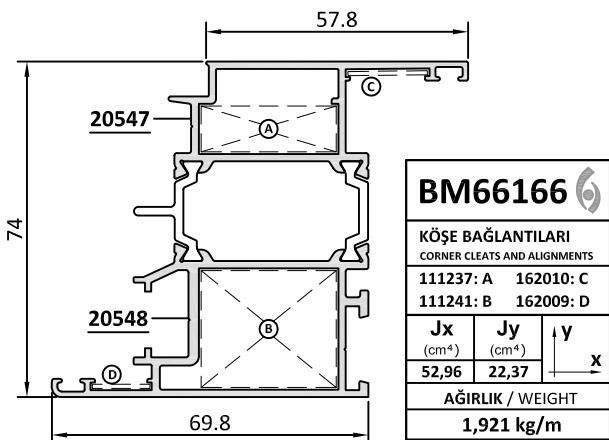
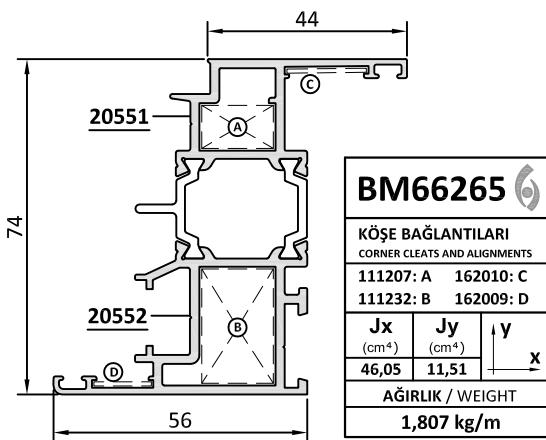


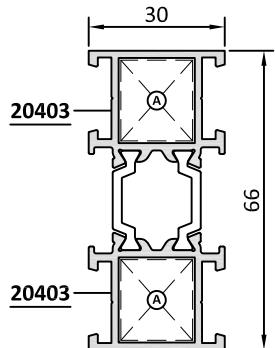
## PVC KANALLI KANAT PROFİLLERİ / VENT PROFILES WITH PVC GROOVE

**1,6mm**

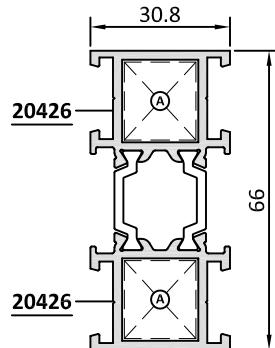


**2mm**

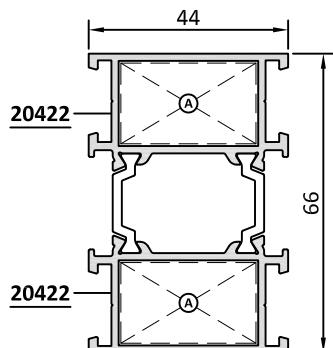


**İLAVE PROFİLLER / ADDITIONAL PROFILES****1,6mm**

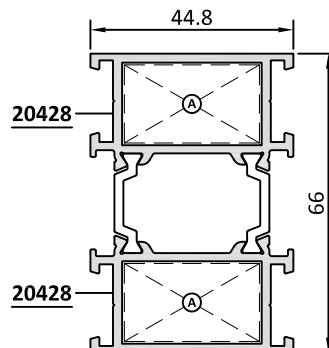
<b>BM66162</b>		
AKSESUARLAR ACCESSORIES		
111231: A		
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	Y X
20,11	4,07	
AĞIRLIK / WEIGHT		
1,233 kg/m		

**2mm**

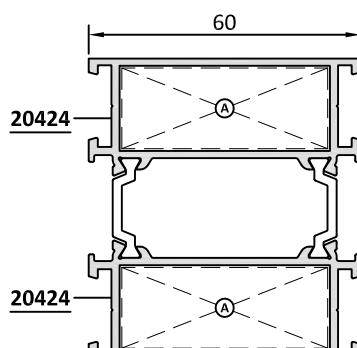
<b>BM66262</b>		
AKSESUARLAR ACCESSORIES		
111230: A		
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	Y X
23,37	4,68	
AĞIRLIK / WEIGHT		
1,383 kg/m		



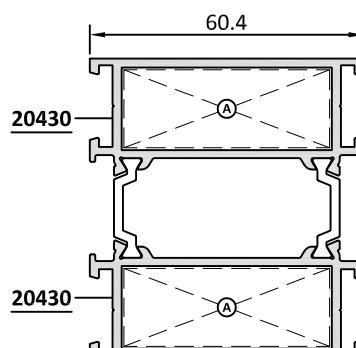
<b>BM66163</b>		
AKSESUARLAR ACCESSORIES		
111239: A		
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	Y X
25,38	12,65	
AĞIRLIK / WEIGHT		
1,476 kg/m		



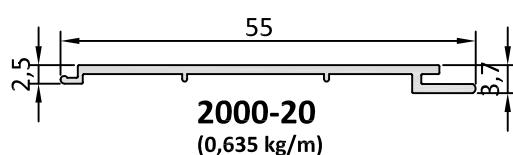
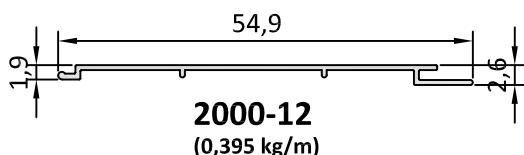
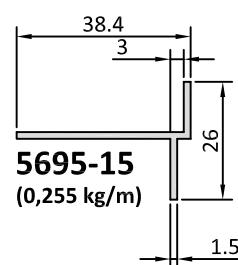
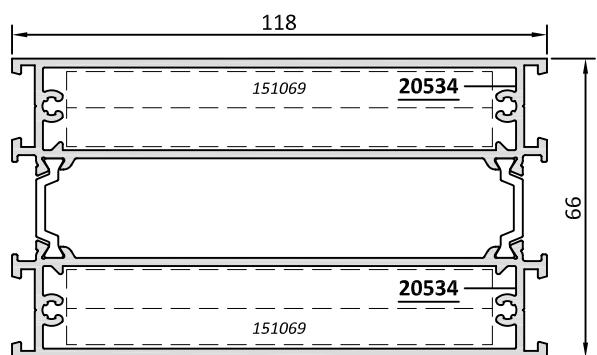
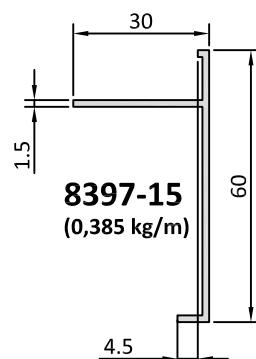
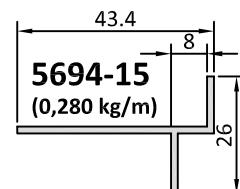
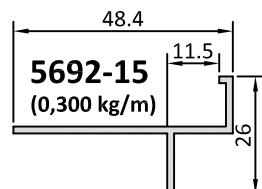
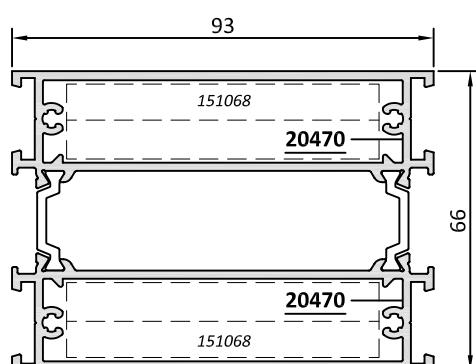
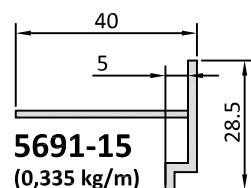
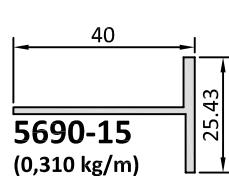
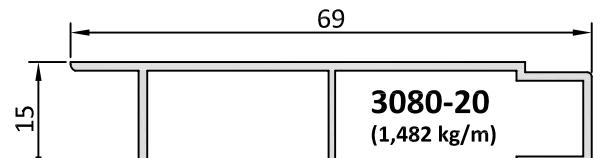
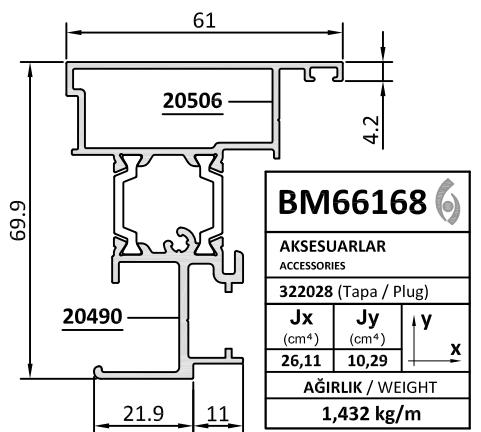
<b>BM66263</b>		
AKSESUARLAR ACCESSORIES		
111238: A		
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	Y X
29,82	14,34	
AĞIRLIK / WEIGHT		
1,672 kg/m		

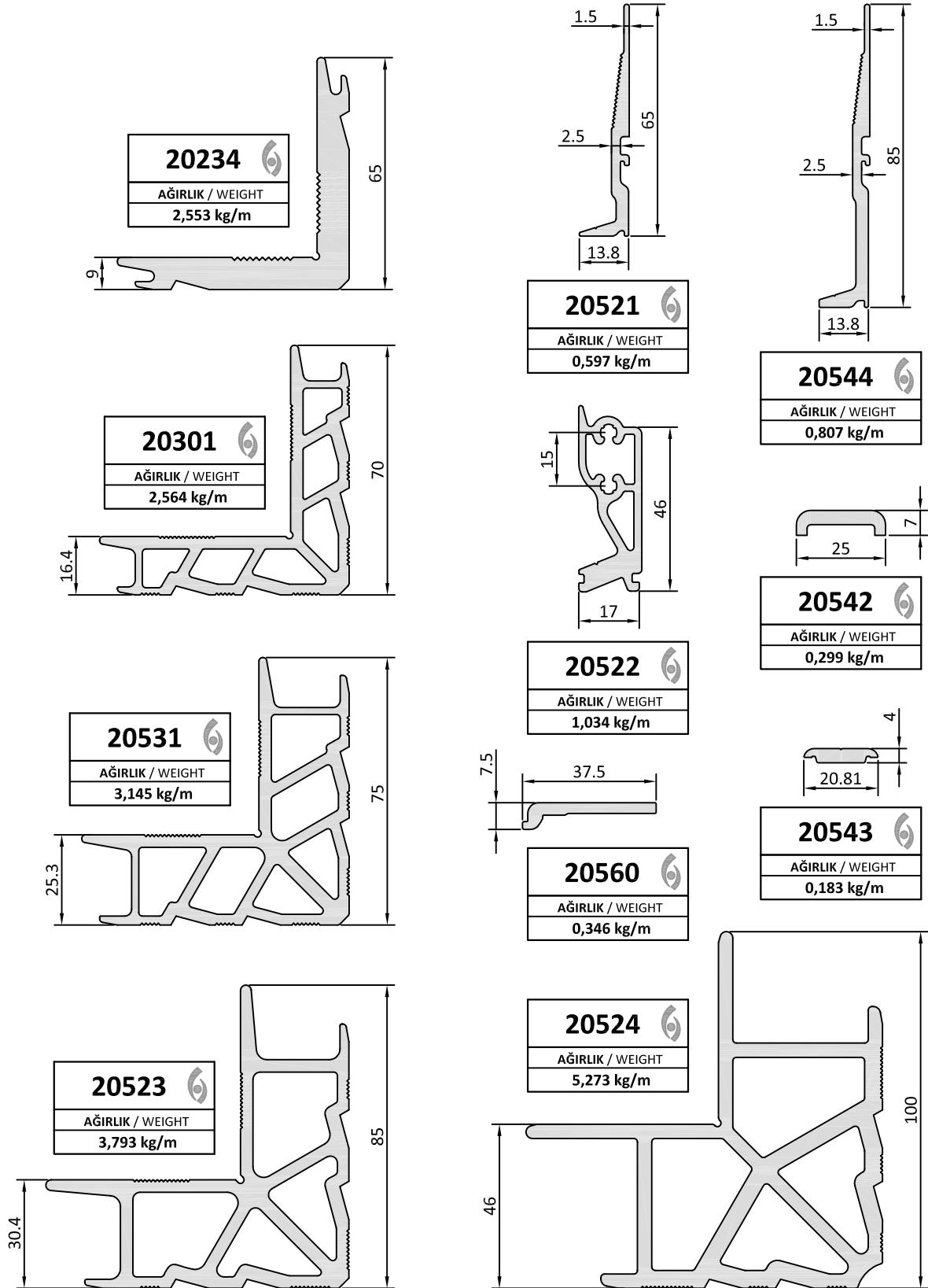


<b>BM66164</b>		
AKSESUARLAR ACCESSORIES		
111245: A		
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	Y X
32,17	30,60	
AĞIRLIK / WEIGHT		
1,794 kg/m		

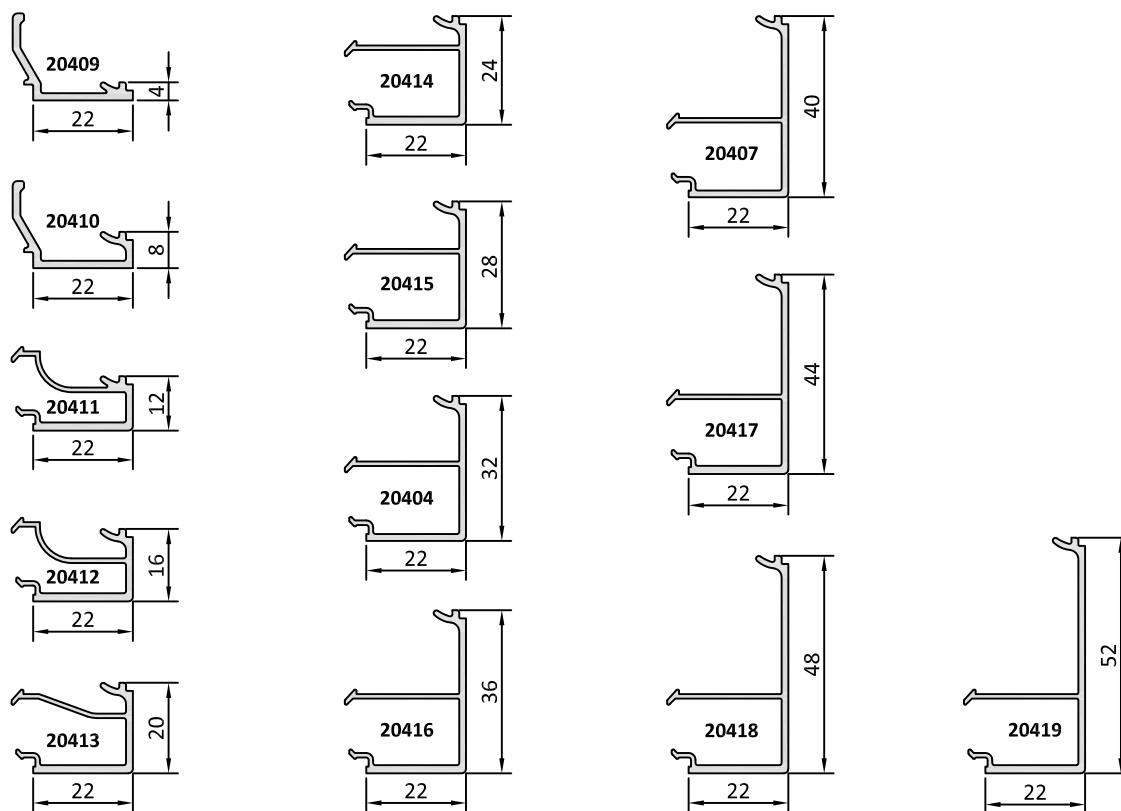


<b>BM66264</b>		
AKSESUARLAR ACCESSORIES		
111244: A		
<b>Jx</b> (cm <sup>4</sup> )	<b>Jy</b> (cm <sup>4</sup> )	Y X
37,01	32,97	
AĞIRLIK / WEIGHT		
1,993 kg/m		

**İLAVE PROFİLLER / ADDITIONAL PROFILES**

**ALÜMİNYUM AKSESUAR PROFİLLERİ / PROFILES OF ALUMINIUM ACCESSORIES**

## CAM ÇITALARI / GLAZING BEAD PROFILES



PROFİL NO PROFILE NO	GENİŞLİK WIDTH (mm)	ET KALINLIĞI WALL THICKNESS (mm)	AĞIRLIK WEIGHT (kg)
20409	4	1,8	0,208
20410	8	1,8	0,229
20411	12	1,8	0,255
20412	16	1,8	0,275
20413	20	1,8	0,295
20414	24	1,8	0,310
20415	28	1,8	0,326
20404	32	1,8	0,327
20416	36	1,8	0,358
20407	40	1,8	0,360
20417	44	1,8	0,391
20418	48	1,8	0,408
20419	52	1,8	0,424

## CAM KALINLIĞINA BAĞLI CAM ÇITASI SEÇİM TABLOSU

GLAZING BEAD SELECTION TABLE ACCORDING TO THE GLASS THICKNESS

20419	9.8	52
20418	13.8	48
20417	17.8	44
20407	21.8	40
20416	25.8	36
20404	29.8	32
20415	33.8	28
20414	37.8	24
20413	41.8	20
20412	45.8	16
20411	49.8	12
20410	53.8	8
20409	57.8	4
	4.2	

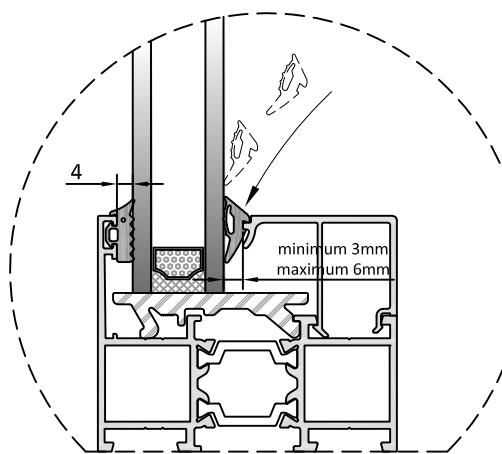
20419	17.8	52
20418	21.8	48
20417	25.8	44
20407	29.8	40
20416	33.8	36
20404	37.8	32
20415	41.8	28
20414	45.8	24
20413	49.8	20
20412	53.8	16
20411	57.8	12
20410	61.8	8
20409	65.8	4
	4.2	

\*\* 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  
FİTİLIN BOŞLUĞU İSE, MİNİMUM 3mm  
MAKSİMUM 6mm OLACAK ŞEKLDE  
AYARLANMALIDIR.**

THE OUTER GASKET'S DIMENSION ARE STANDARD WITH 4mm THICKNESS. THE INNER GASKET'S SPACE SHOULD BE ADJUSTED BETWEEN 3 - 6mm.



**CAM VE PROFİL TOLERANSLARI + VEYA - YÖNDE BERABER ÇALIŞARAK TEORİDE OLMASI  
GEREKENDEN BÜYÜK VEYA KÜCÜK 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.

**İÇ KAMA FİTİLLERİN YERİNE GEÇMESİNDE PROBLEM YAŞANMAMASI İÇİN, ÖNCELİKLE BİR  
NUMUNE ÜZERİNDE DENENMESİNİ TAVSİYE EDERİZ.**

WE ADVISE THAT THE INNER GASKET AND GLAZING BEAD RELATION SHOULD BE CHECKED ON A MOCK-UP BEFORE.

# DETAYLAR

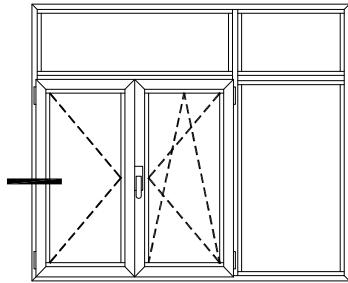
# DETAILS

45

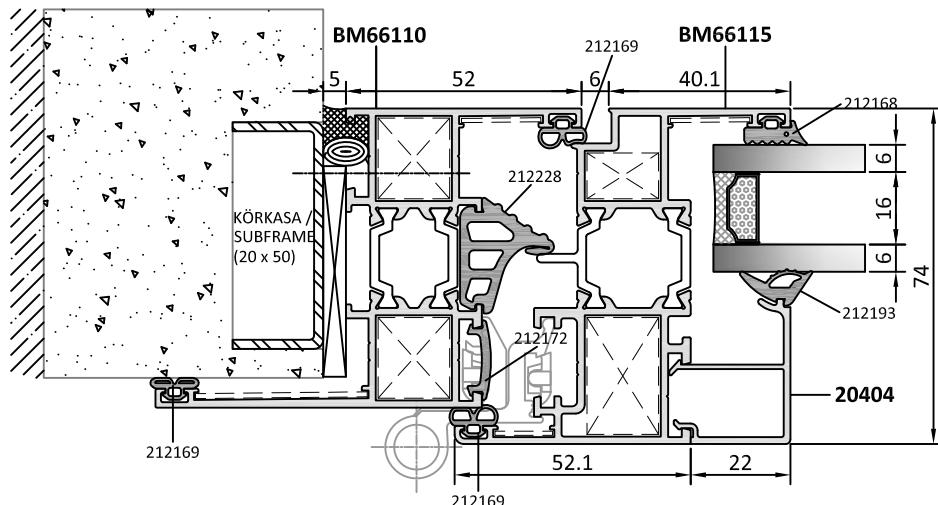
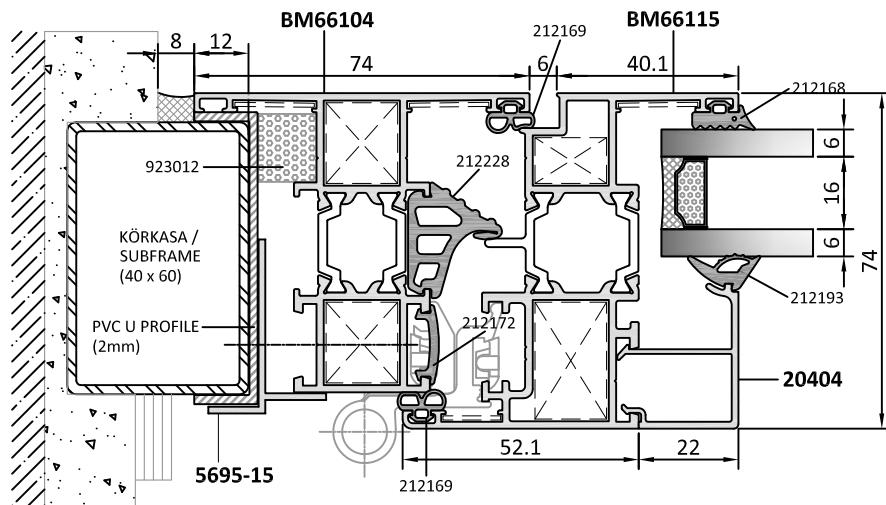
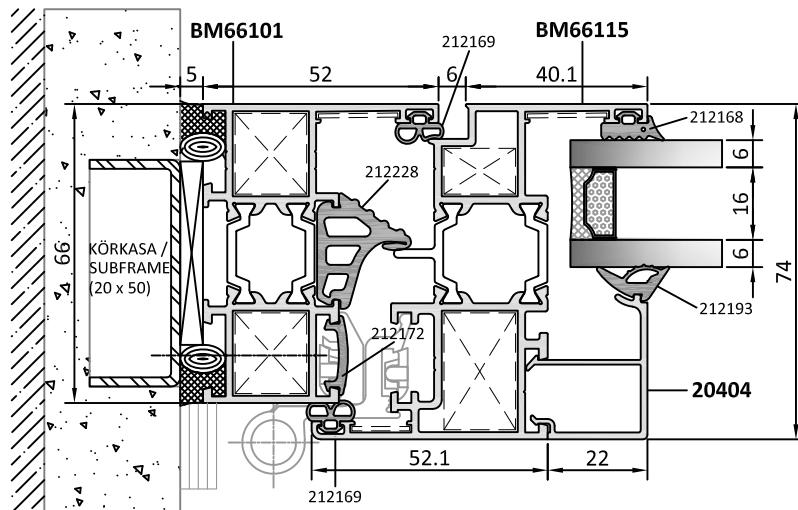
## TARAMA STİLLERİ / HATCH STYLES

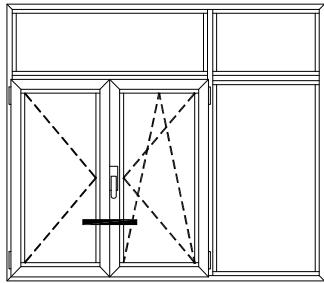
- |   |   |   |  |
|---|---|---|--|
|  | EPDM FİTİL / EPDM GASKET                  |  | PVC PROFİL / PVC PROFILE                     |
|  | STRÜKTÜREL SİLİKON / STRUCTURAL SILICONE  |  | ÇELİK PROFİL / STEEL PROFILE                 |
|  | MESAFE BELİRLEYİCİ / SPACE ADJUSTER       |  | SU YALITIM MEMBRANI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



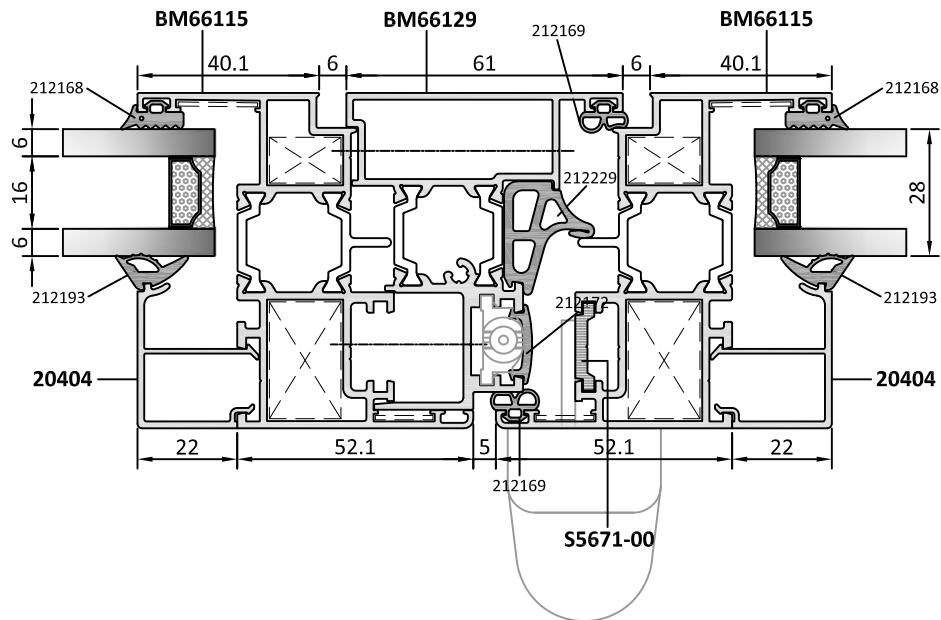


**PENCERE DETAYLARI**  
WINDOW DETAILS

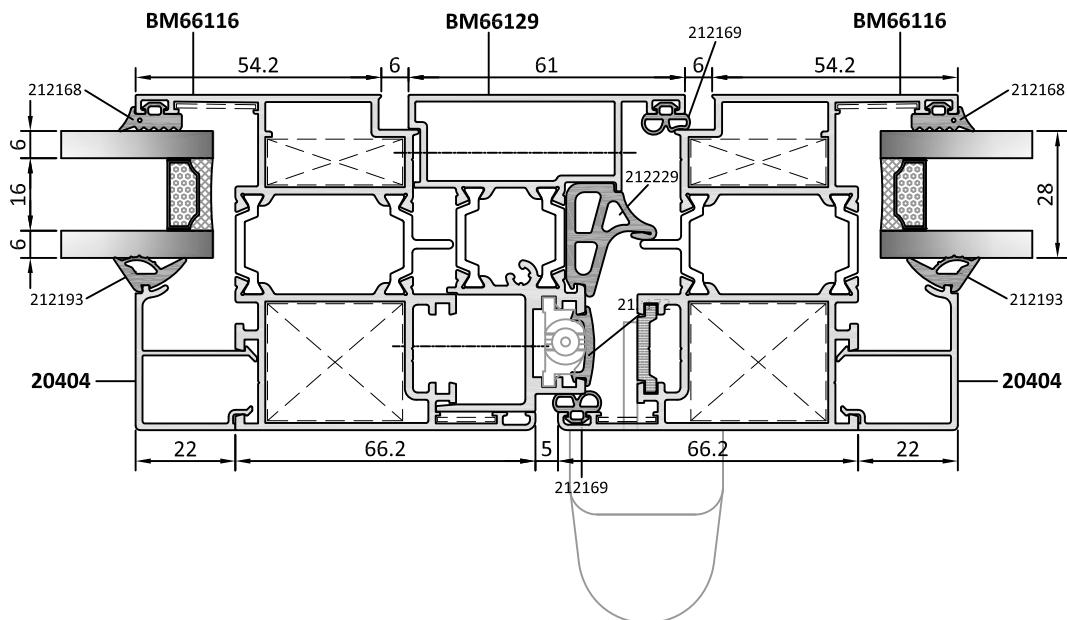


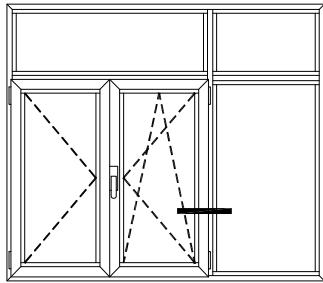


**PENCERE DETAYLARI**  
WINDOW DETAILS

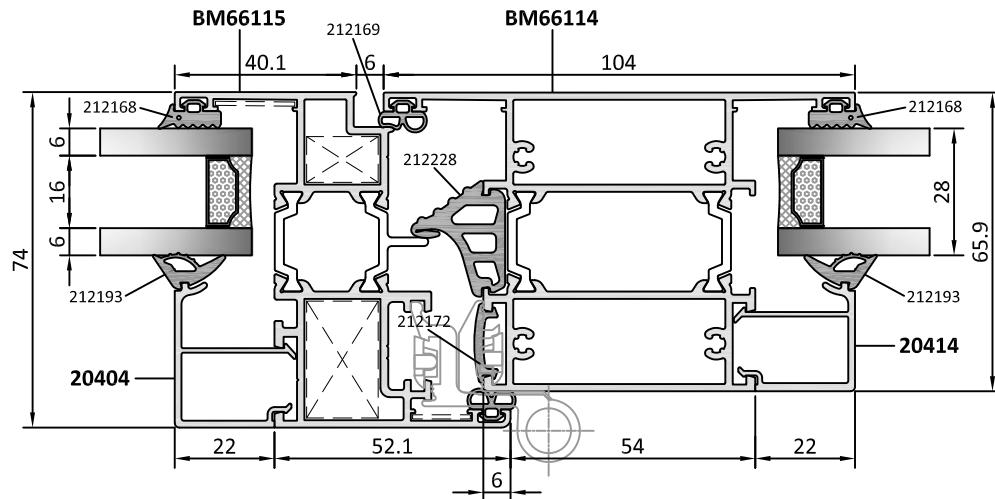


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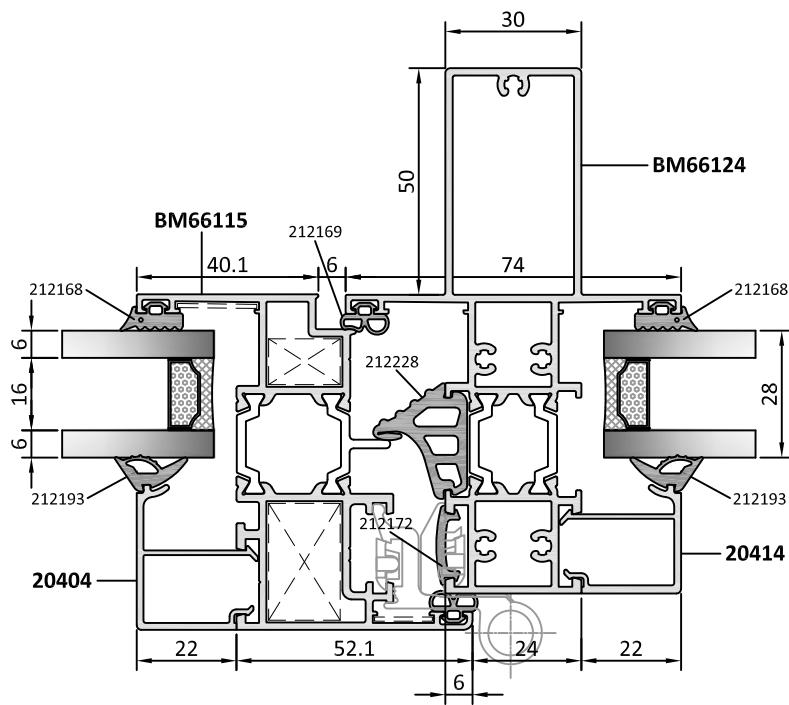


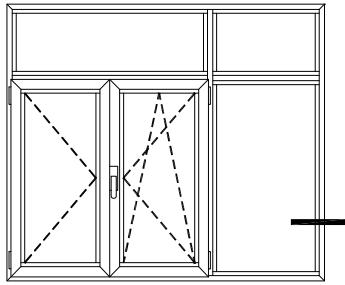


**PENCERE DETAYLARI**  
WINDOW DETAILS

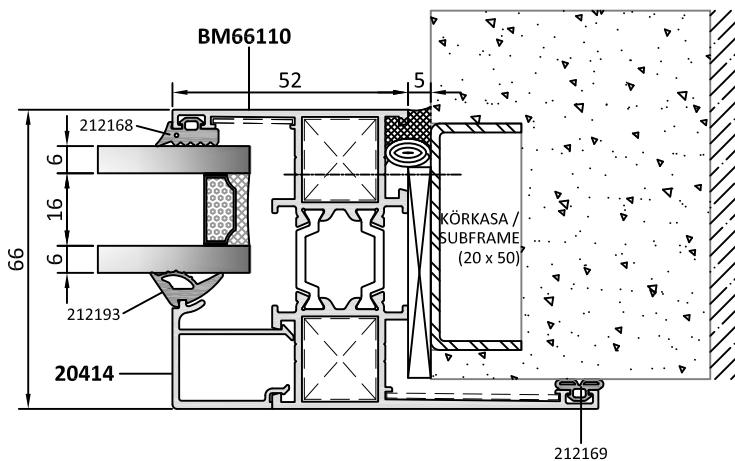
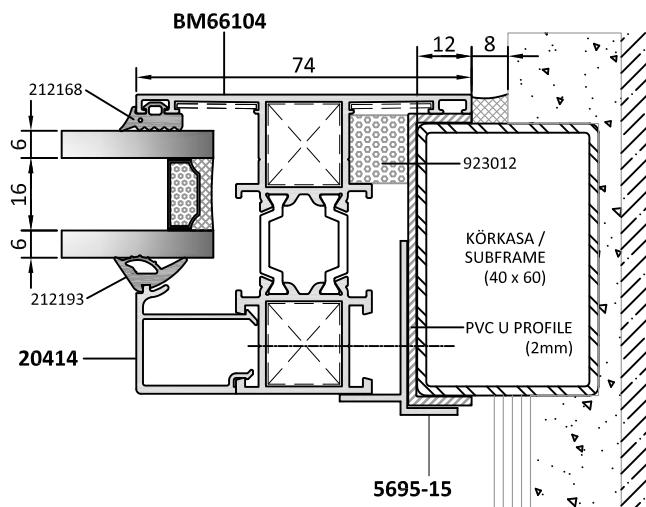
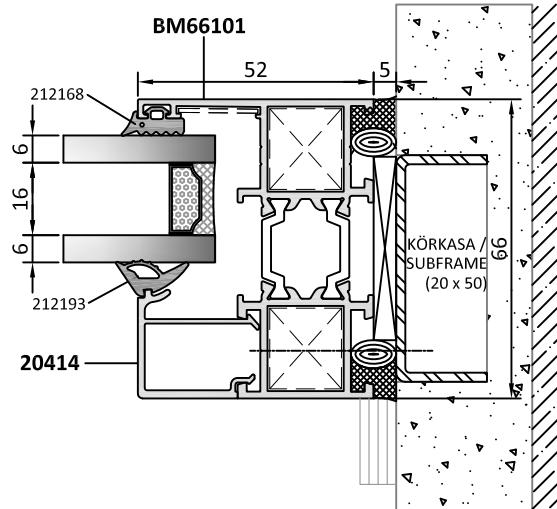


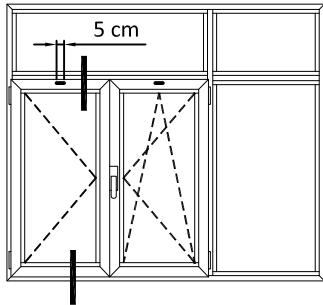
48





**PENCERE DETAYLARI**  
WINDOW DETAILS





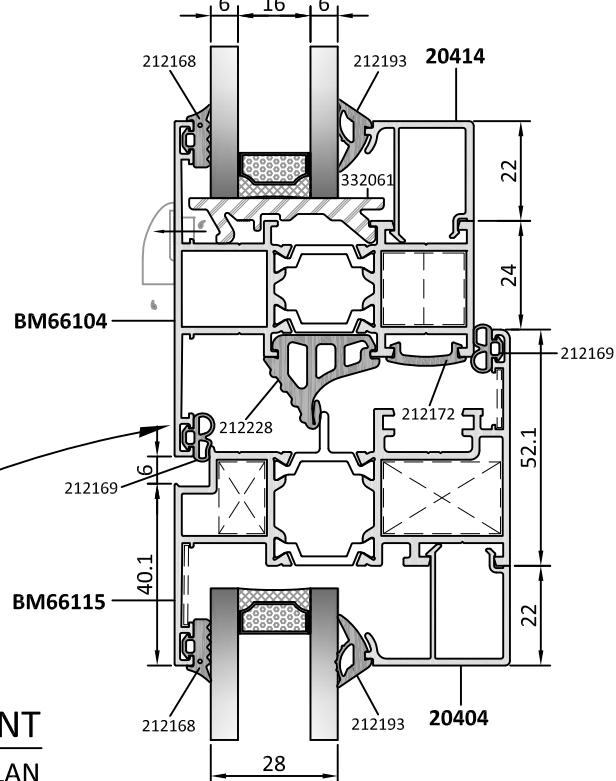
# PENCERE DETAYLARI

## WINDOW DETAILS

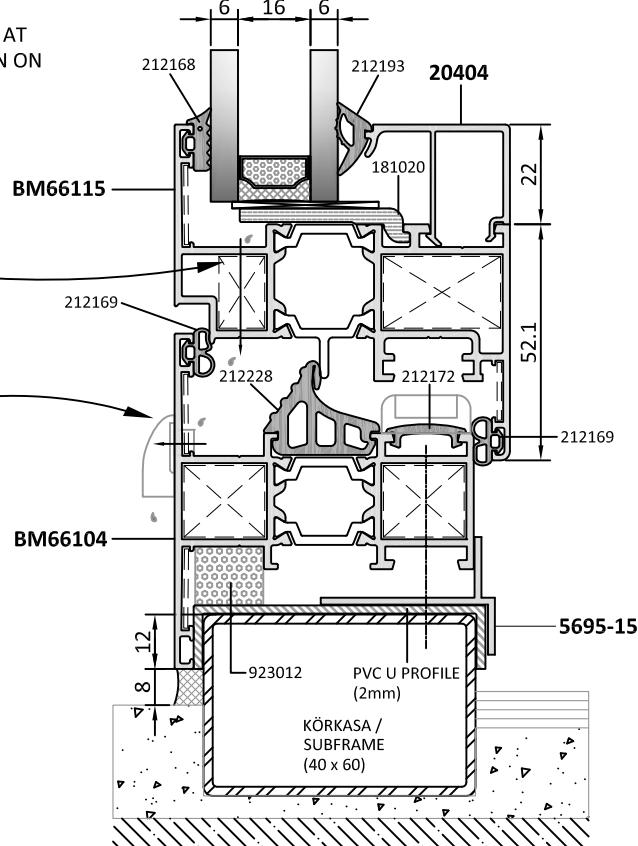
## ÖNEMLİ / IMPORTANT

**DETAY ÜZERİNDE BELİRTİLMİŞ OLAN  
212169 NO'LУ FİTİL HER KANAT İÇİN  
ÜSTTEN 5 CM KERTİLMELİDİR.**

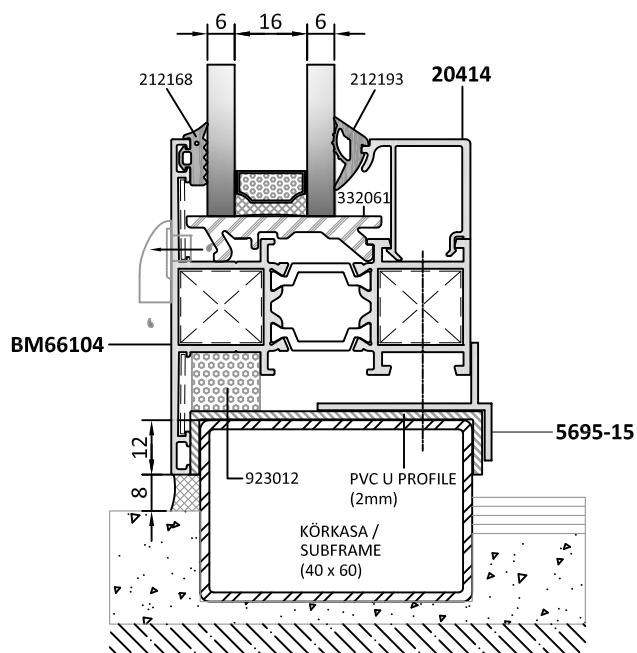
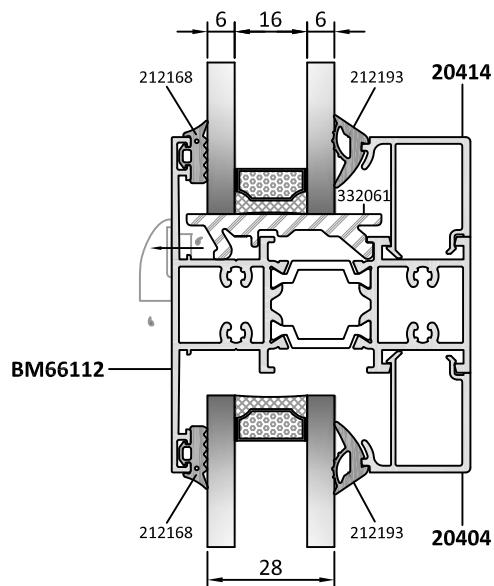
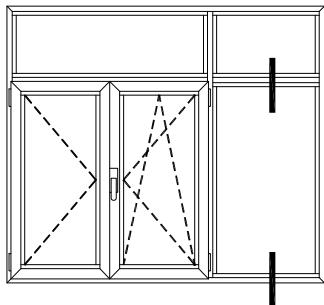
GASKET NO. 212169 SHOULD BE NOTCHED AT THE TOP FOR EACH VENTS 5 CM AS SHOWN ON THE DETAIL.



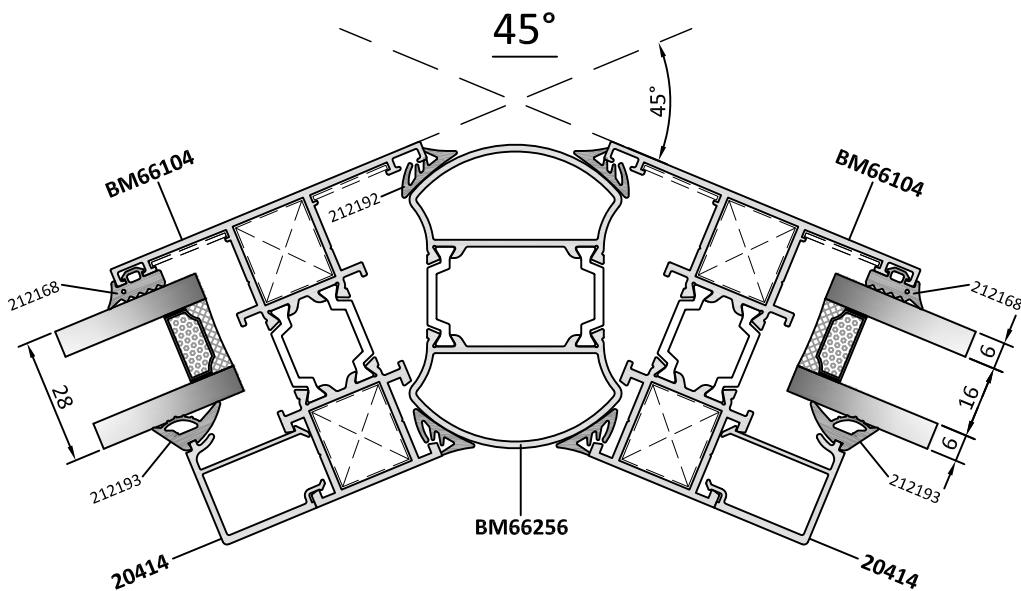
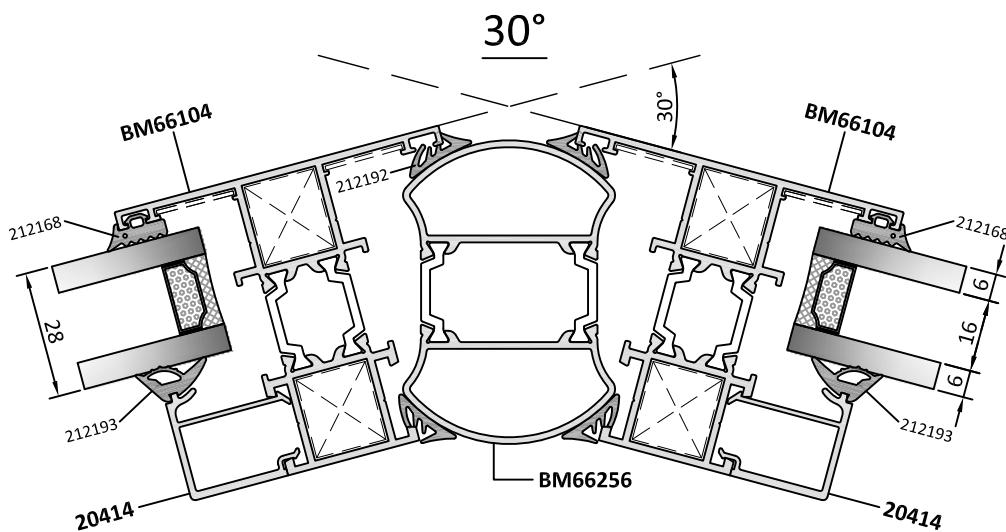
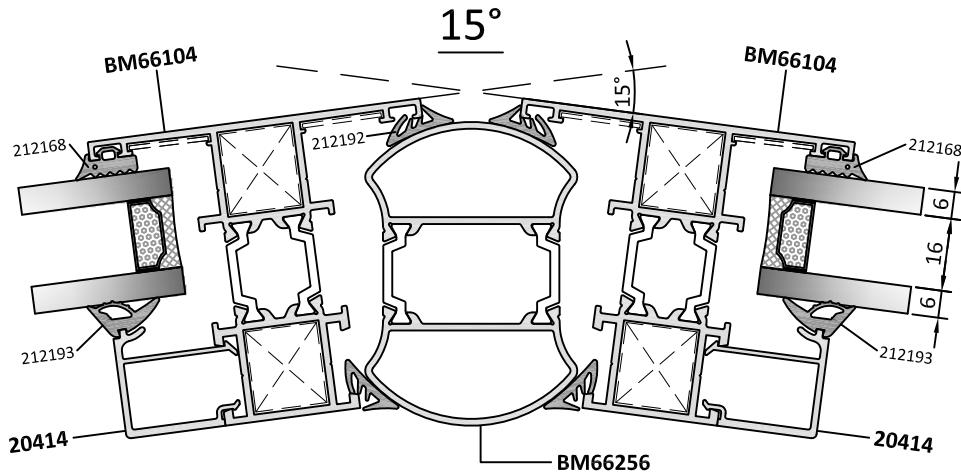
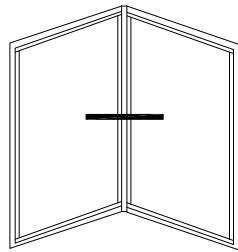
DETAYLAR / DETAILS



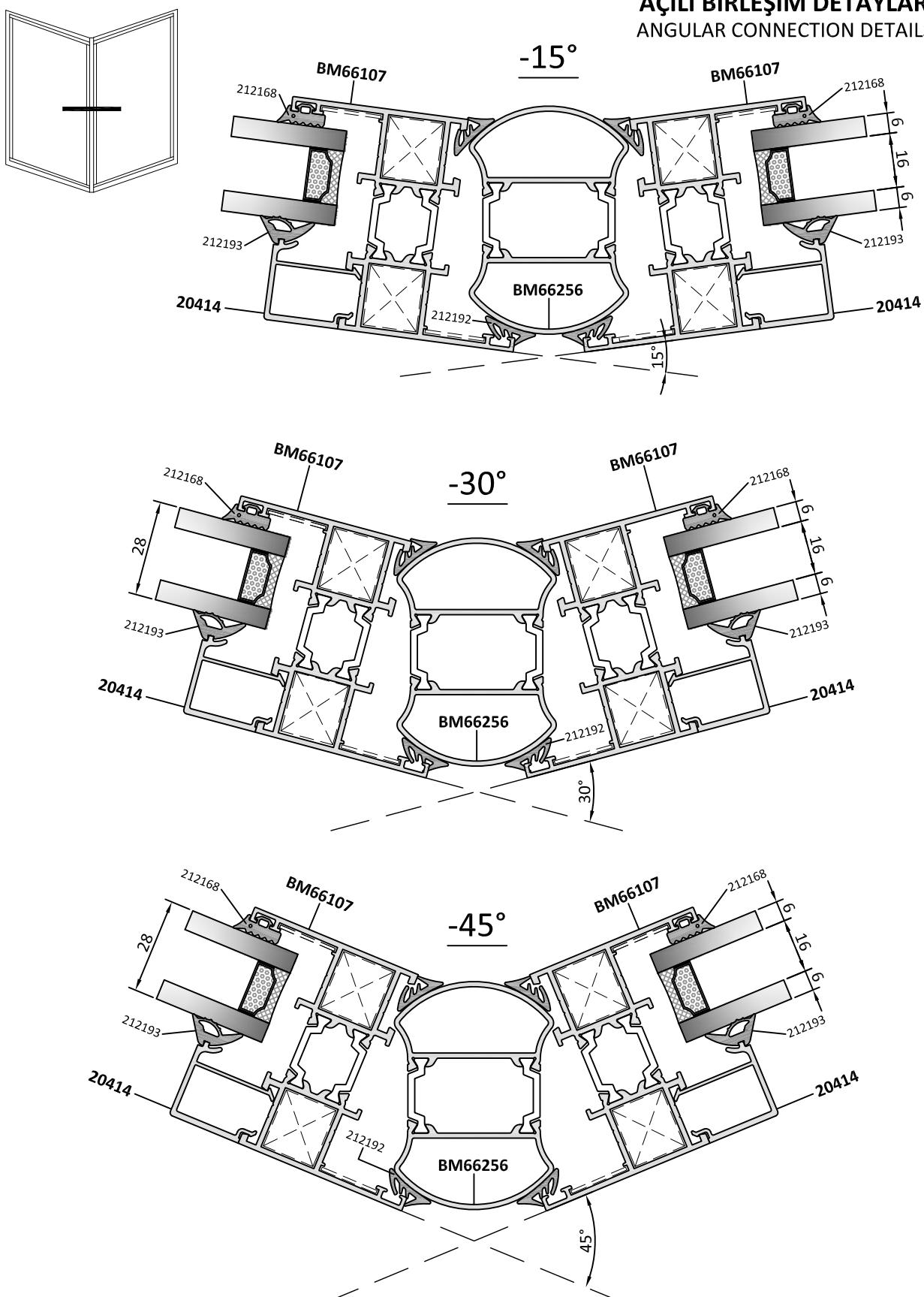
**PENCERE DETAYLARI**  
WINDOW DETAILS

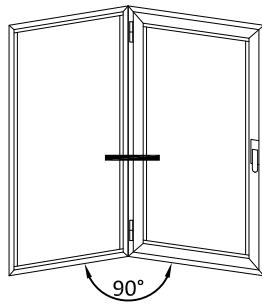


**AÇILI BİRLEŞİM DETAYLARI**  
ANGULAR CONNECTION DETAILS



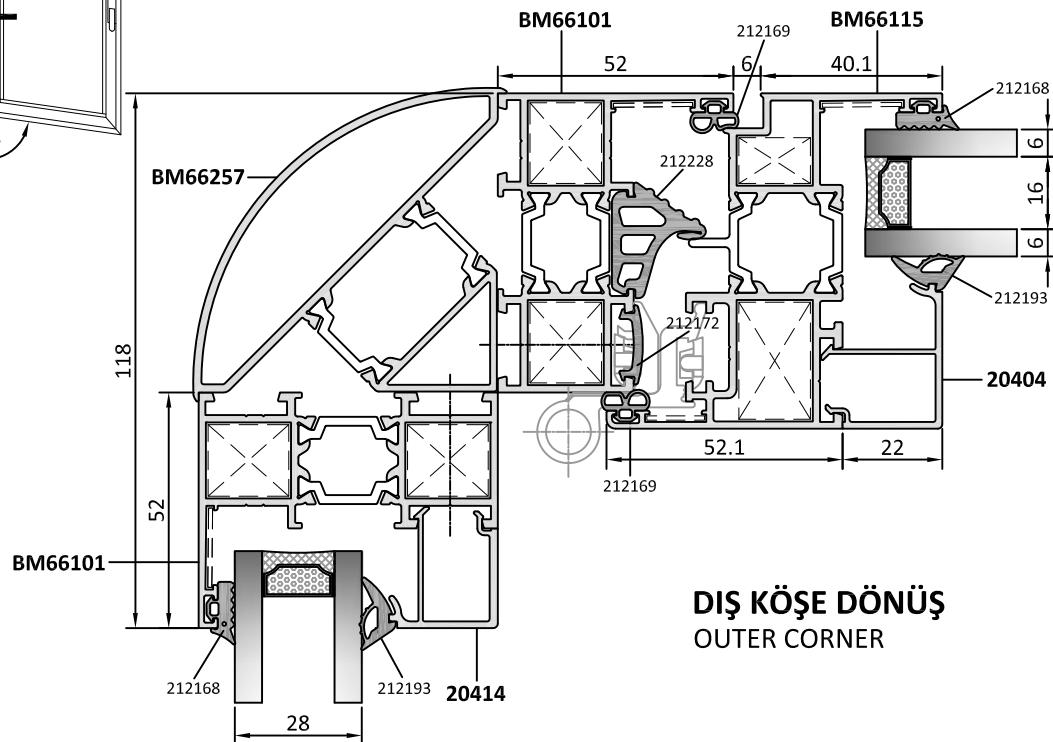
**AÇILI BİRLEŞİM DETAYLARI**  
ANGULAR CONNECTION DETAILS



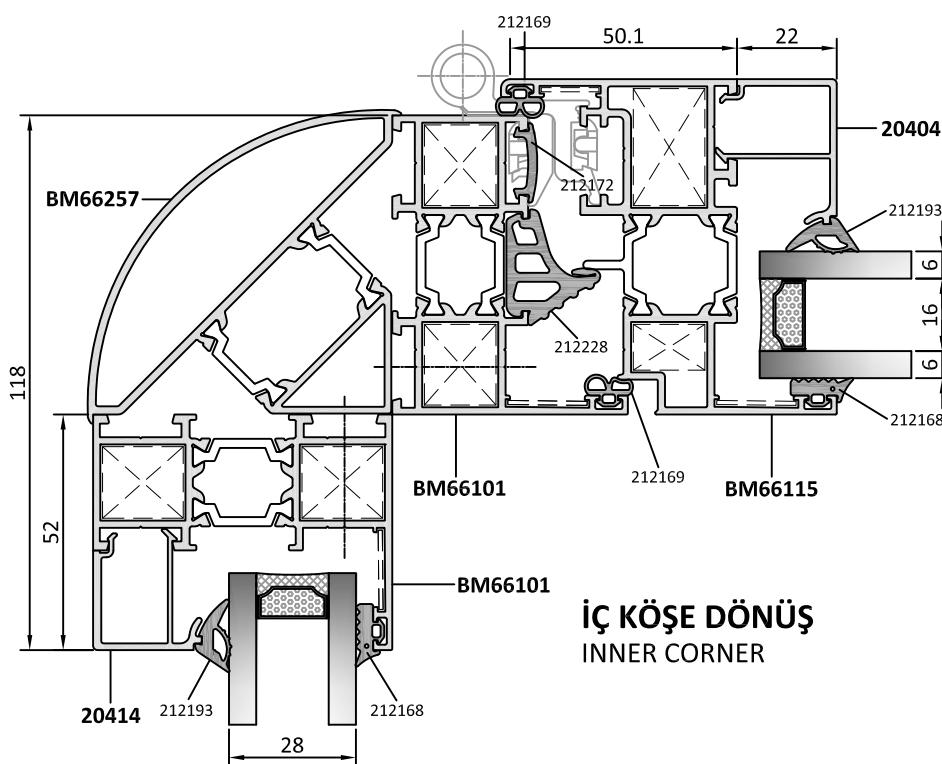


90°

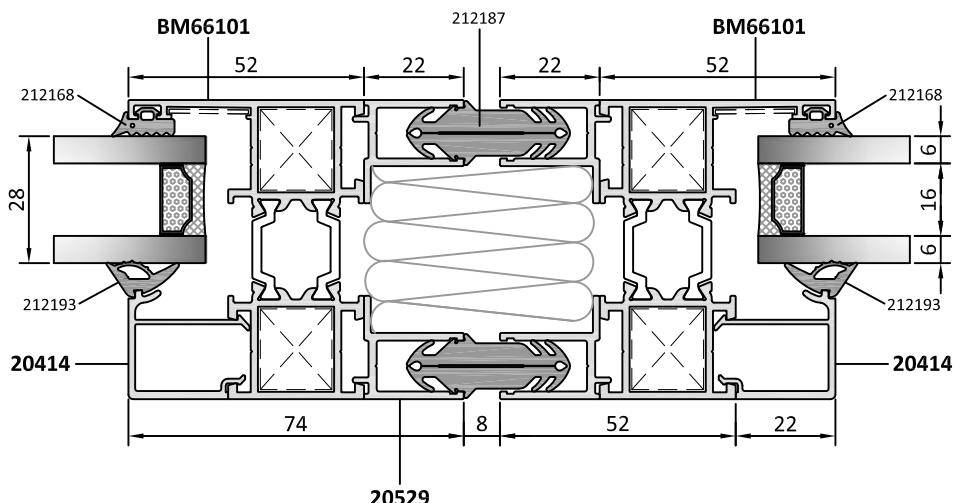
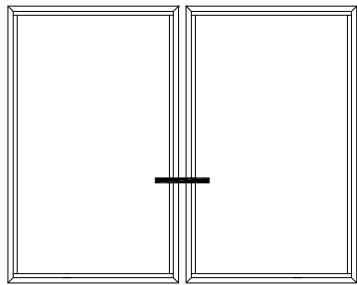
### KÖŞE BİRLEŞİM DETAYLARI CORNER CONNECTION DETAILS



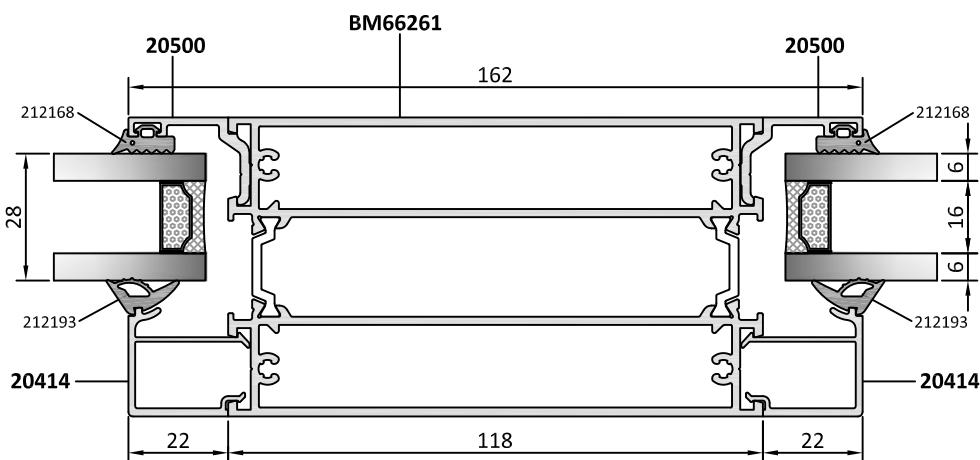
54

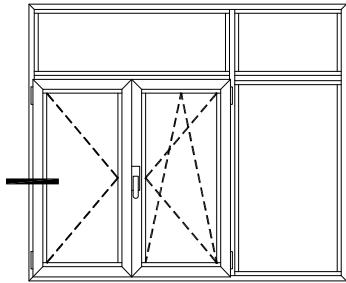


**DİLATASYON DETAYLARI**  
DILATATION DETAILS

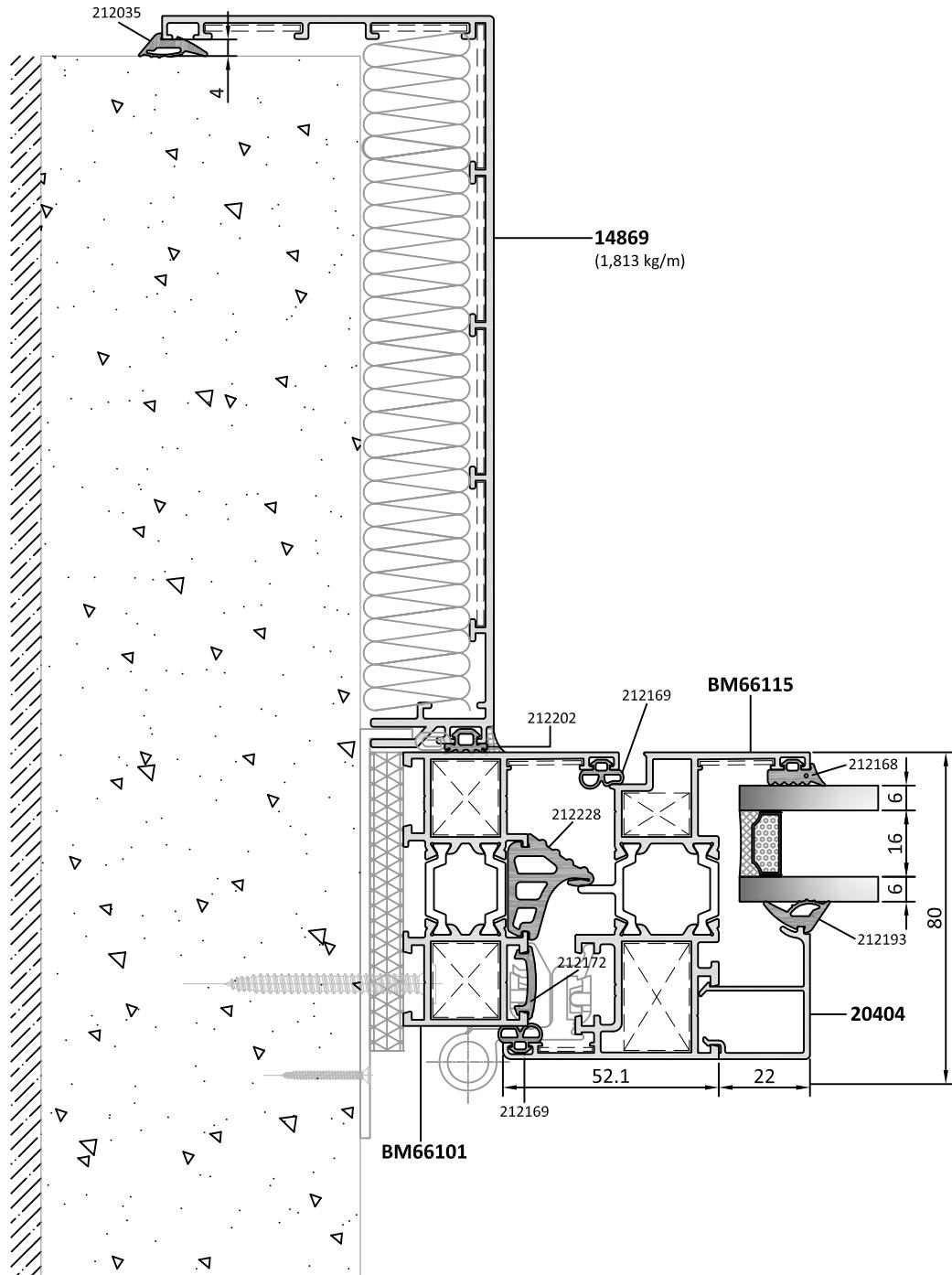


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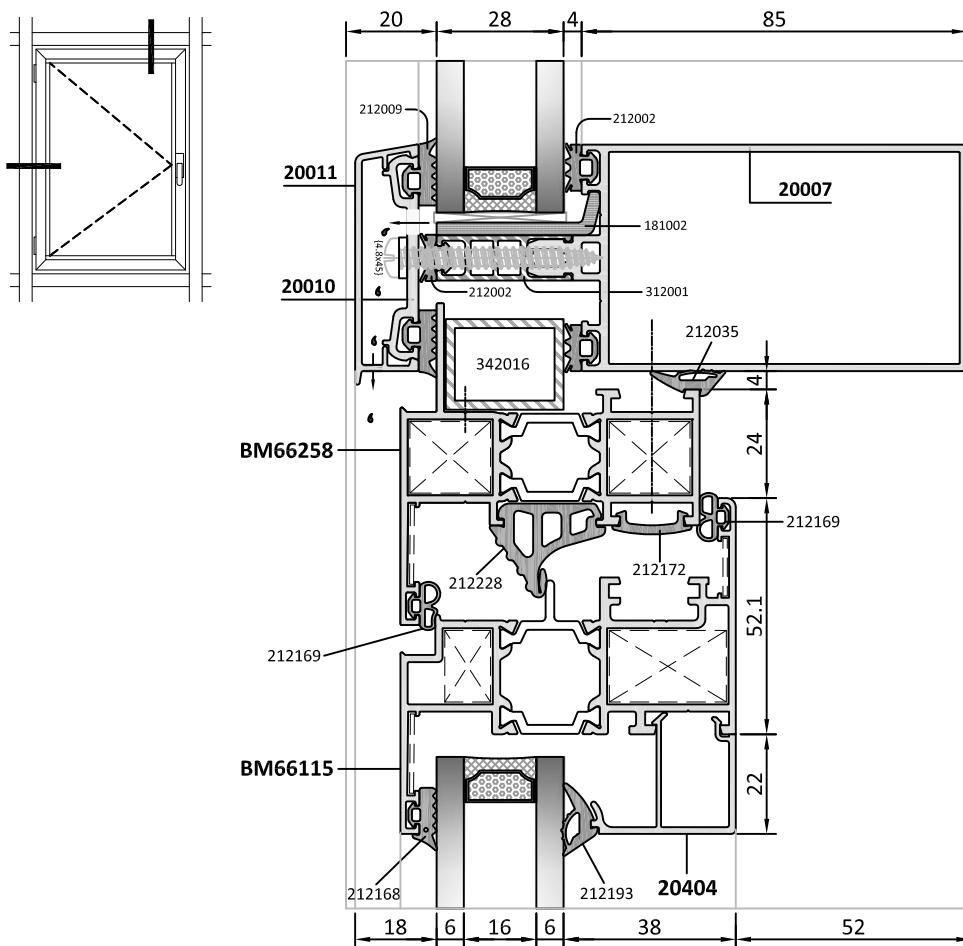
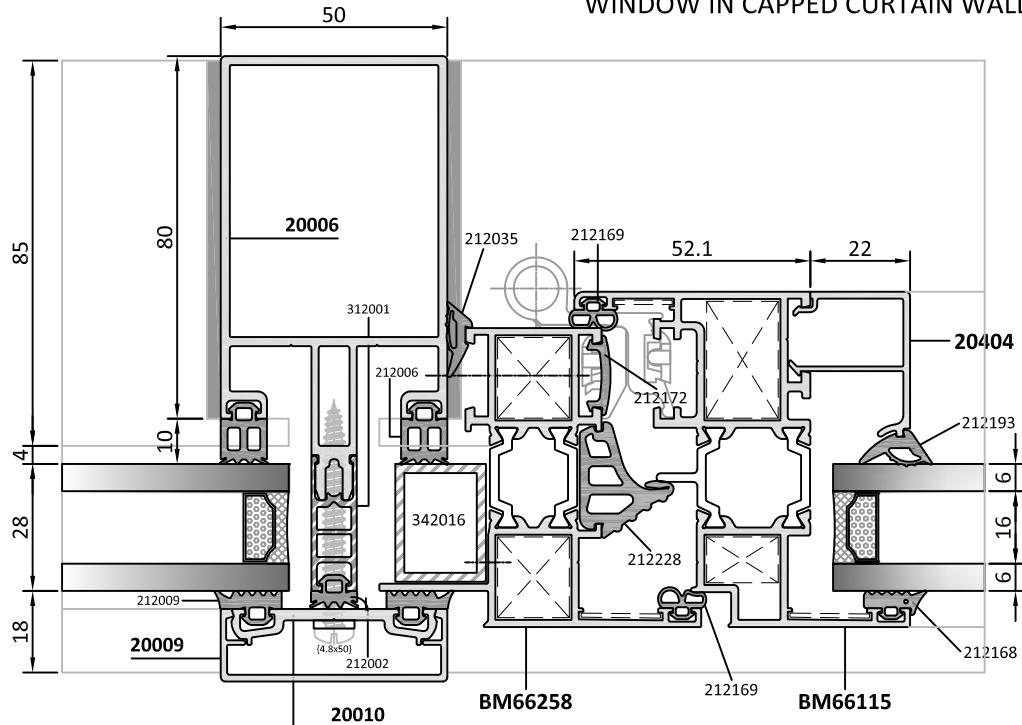


**SÖVE DETAYI**  
DOORJAMB DETAIL



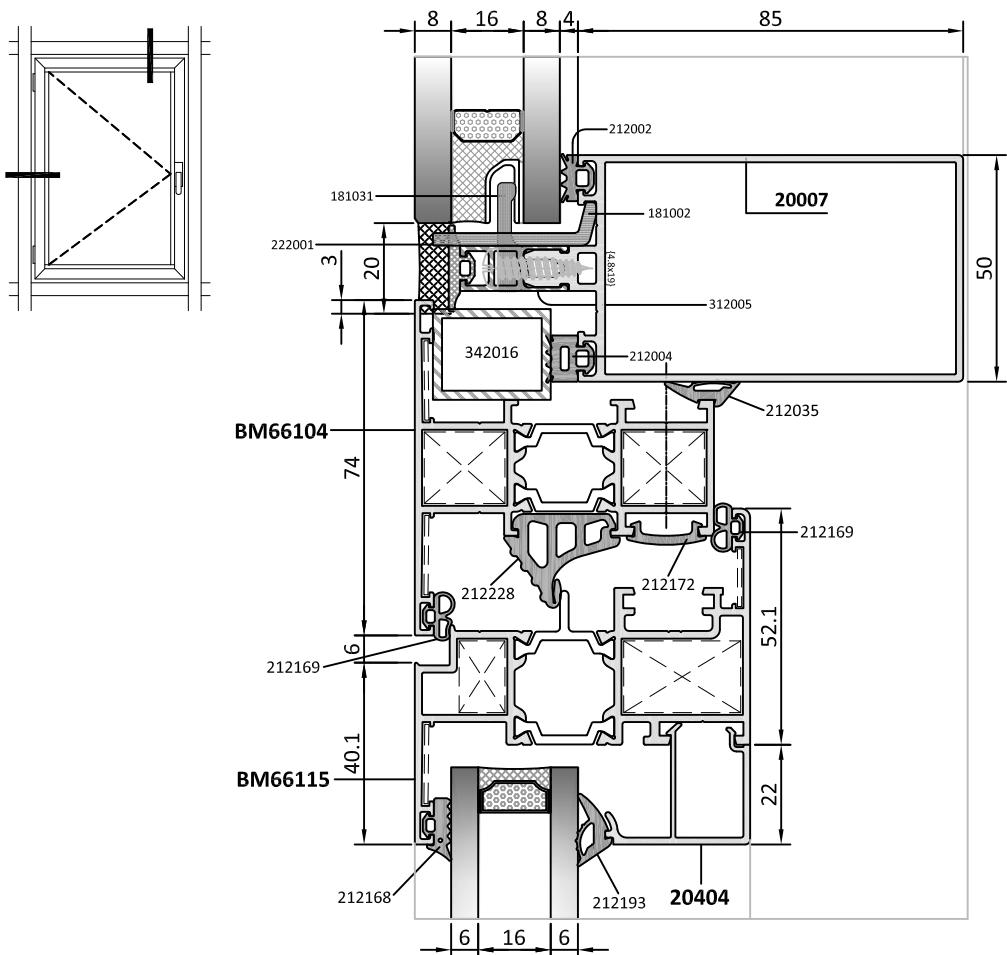
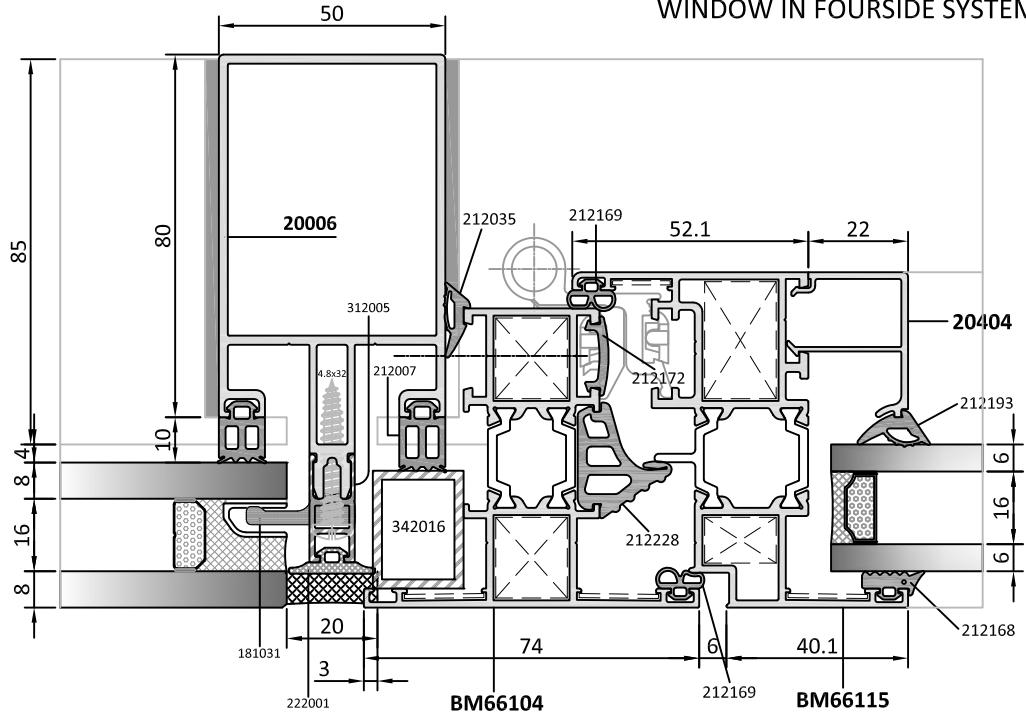
# KAPAKLI CEPHE İÇERİSİNDE PENCERE DETAYLARI

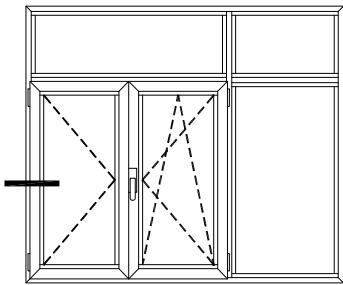
## WINDOW IN CAPPED CURTAIN WALL DETAILS



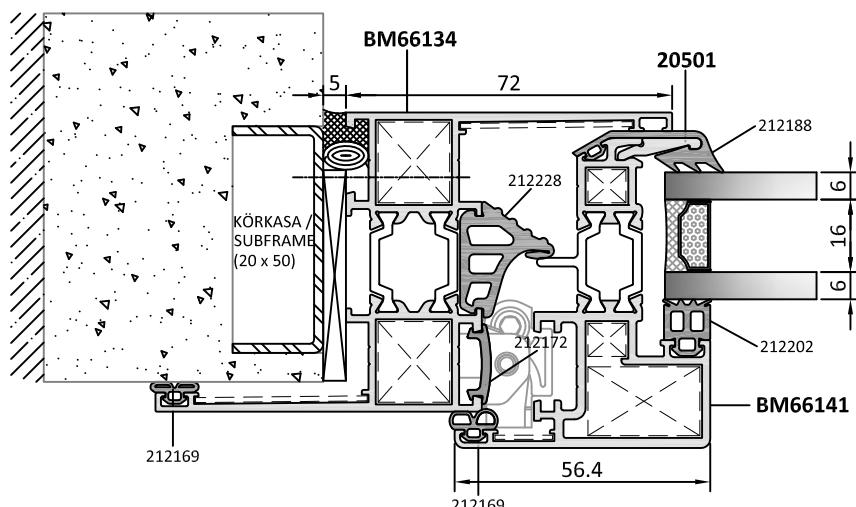
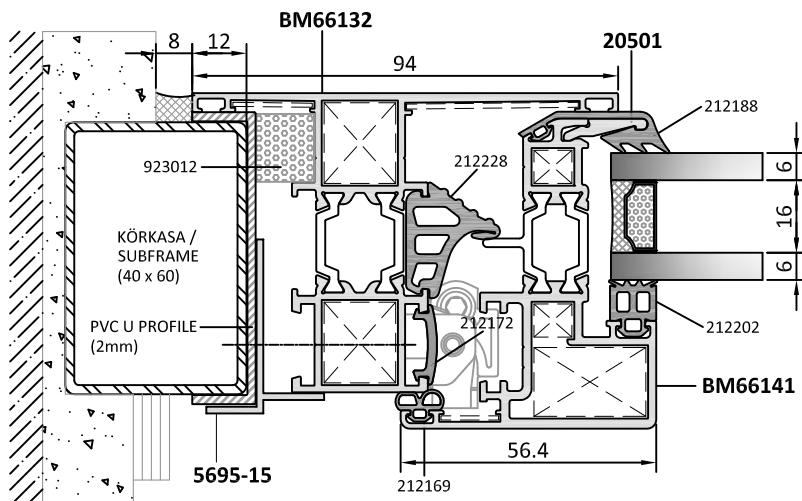
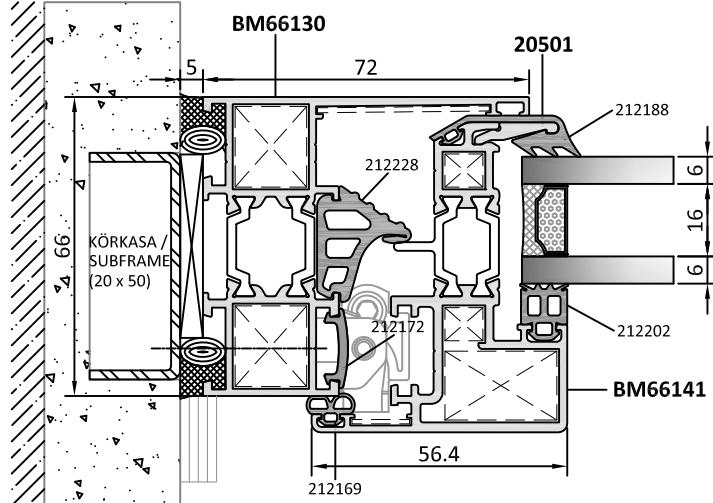
**SİLİKON CEPHE İÇERİSİNDE PENCERE DETAYLARI**

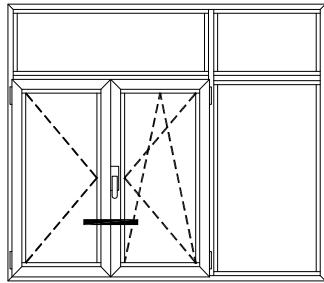
WINDOW IN FOURSIDE SYSTEM DETAILS



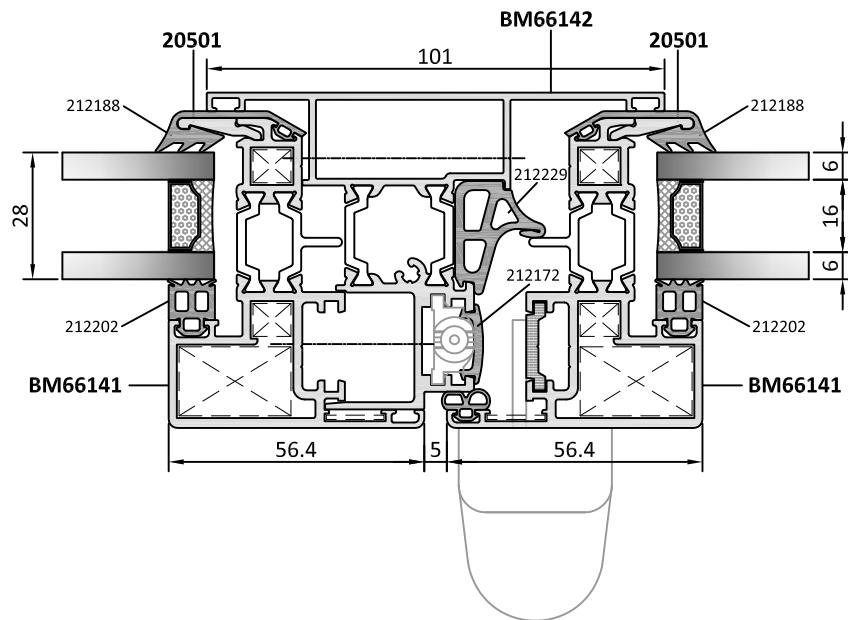


### GİZLİ KANAT PENCERE DETAYLARI HIDDEN VENT WINDOW DETAILS

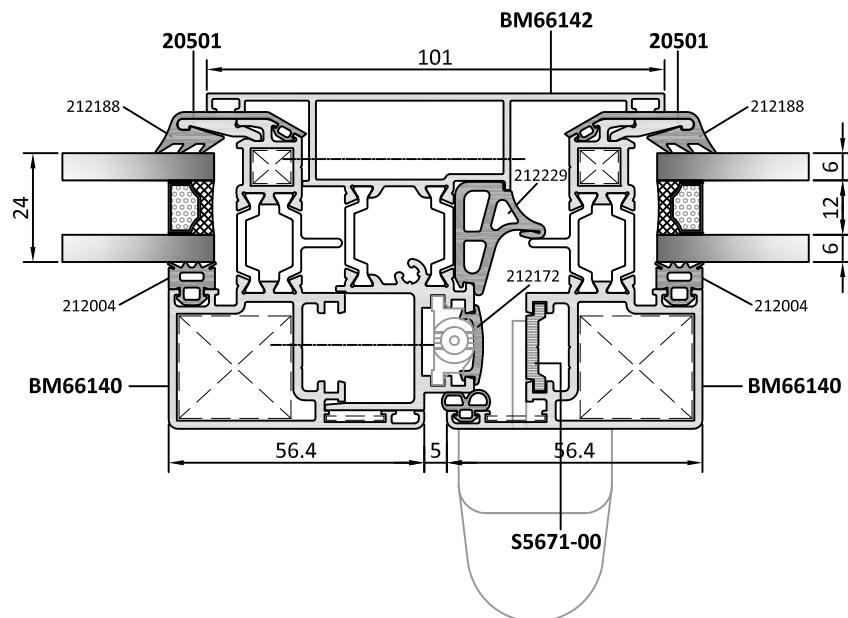


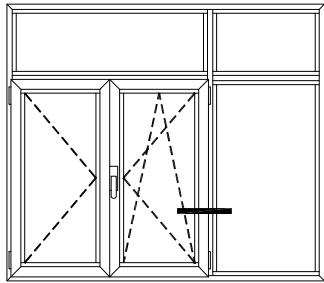


**GİZLİ KANAT PENCERE DETAYLARI**  
HIDDEN VENT WINDOW DETAILS



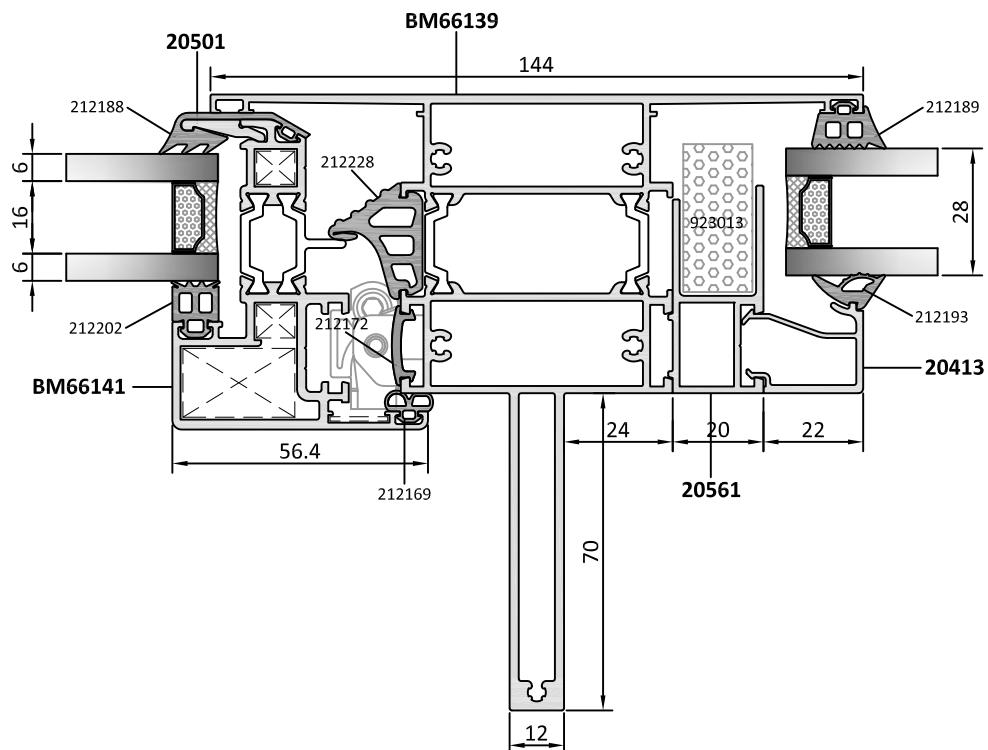
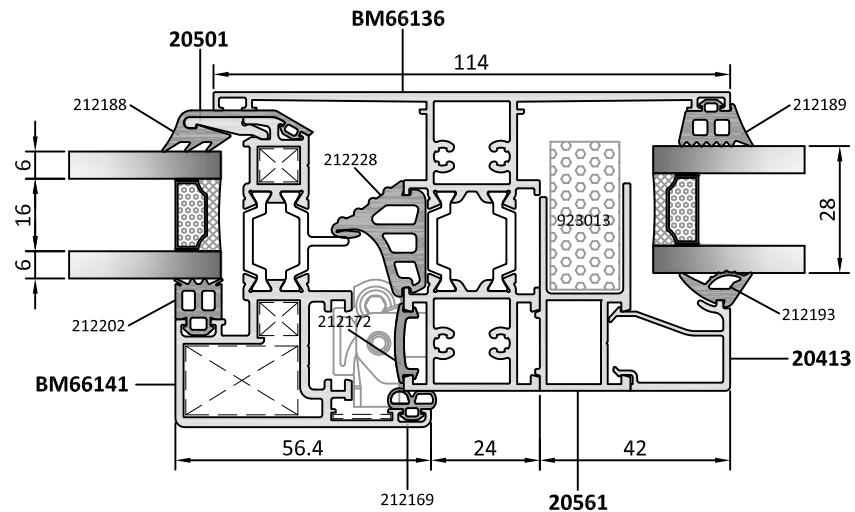
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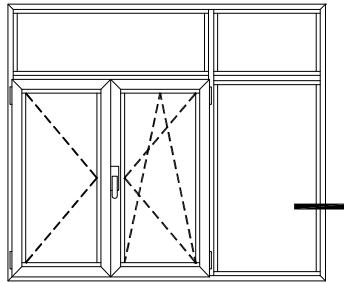




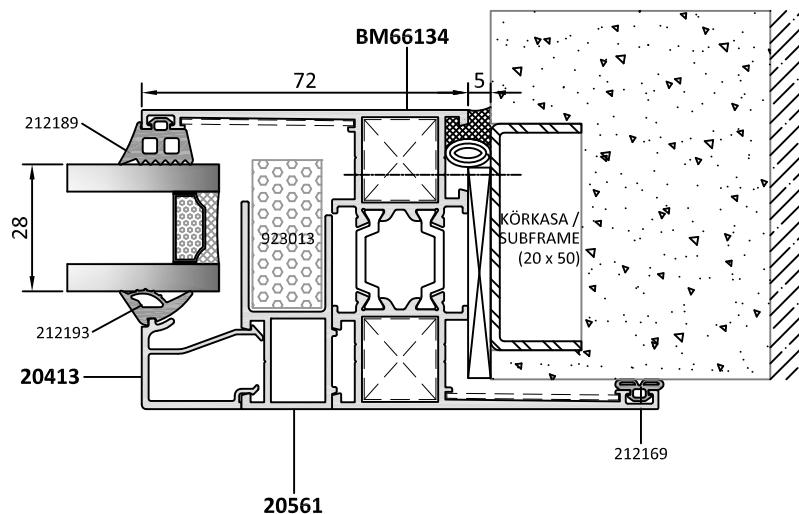
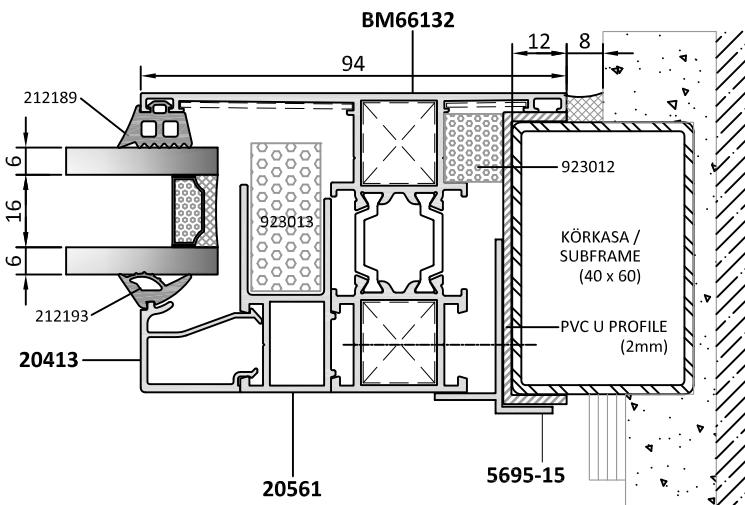
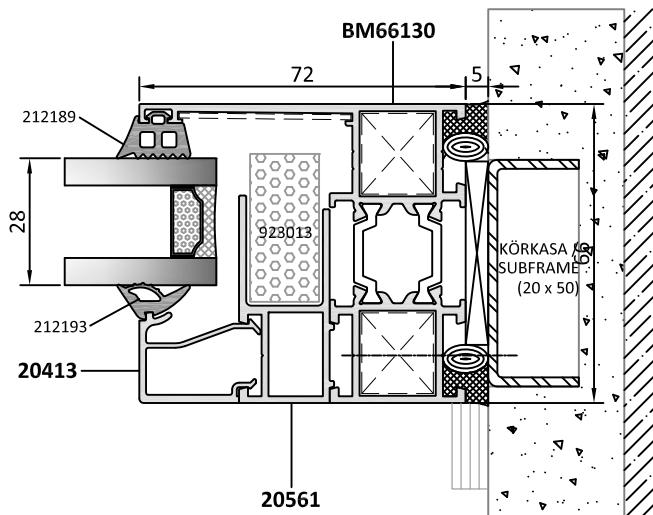
## GİZLİ KANAT PENCERE DETAYLARI

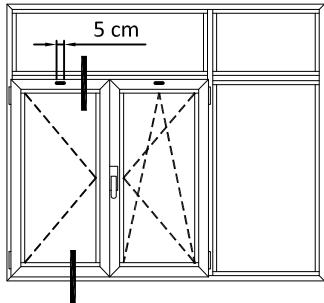
### HIDDEN VENT WINDOW DETAILS



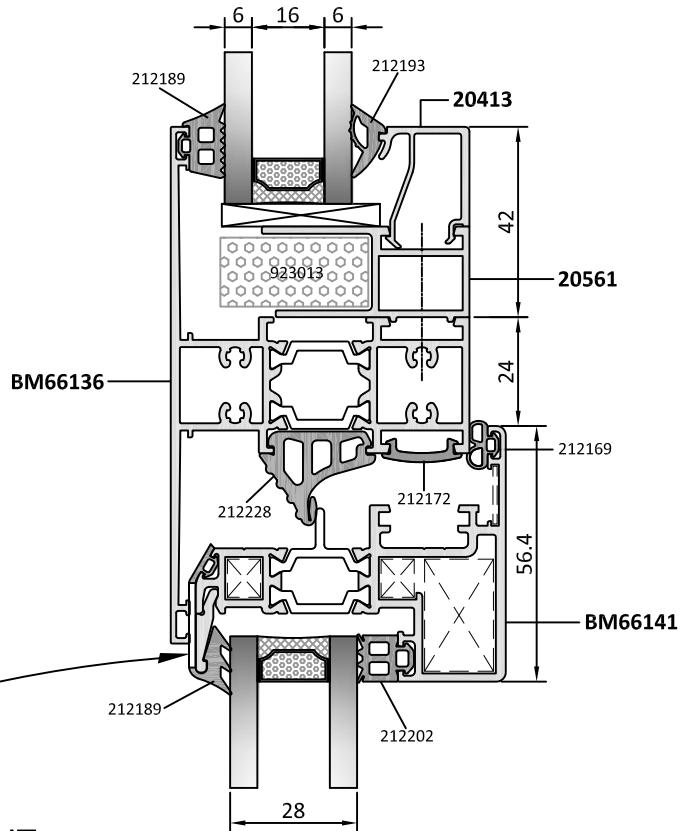


### GİZLİ KANAT PENCERE DETAYLARI HIDDEN VENT WINDOW DETAILS





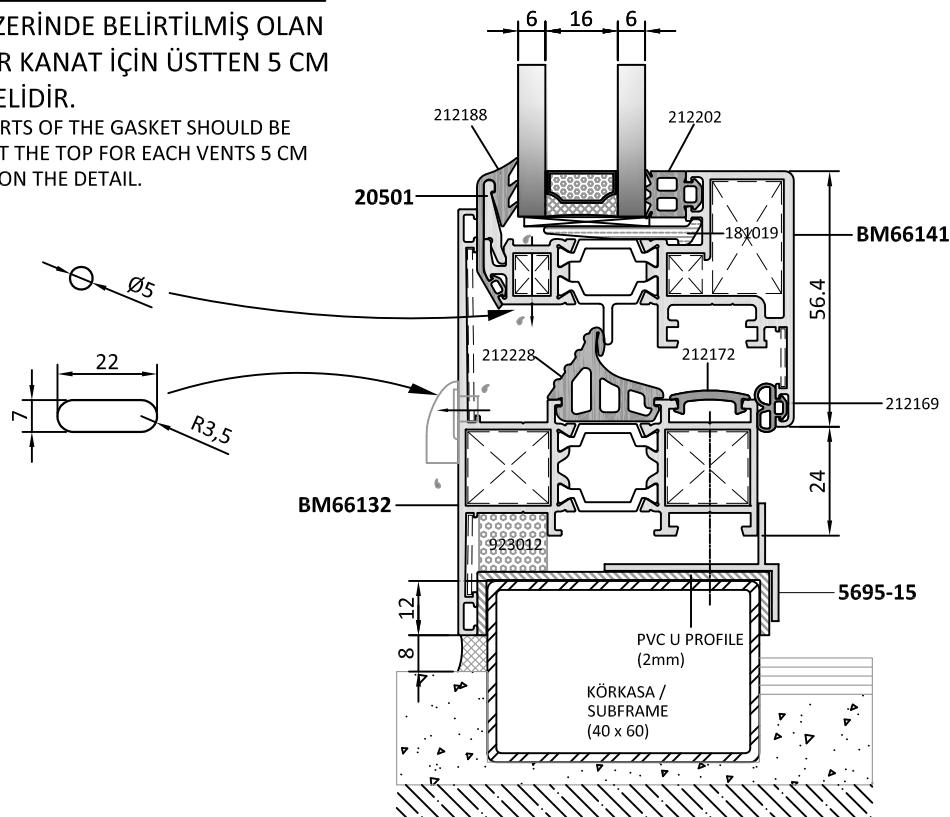
## GİZLİ KANAT PENCERE DETAYLARI HIDDEN VENT WINDOW DETAILS

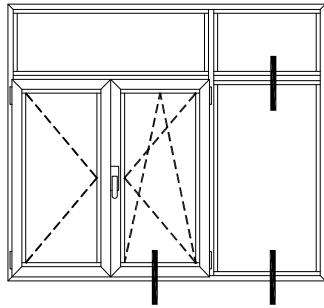


### — ÖNEMLİ / IMPORTANT

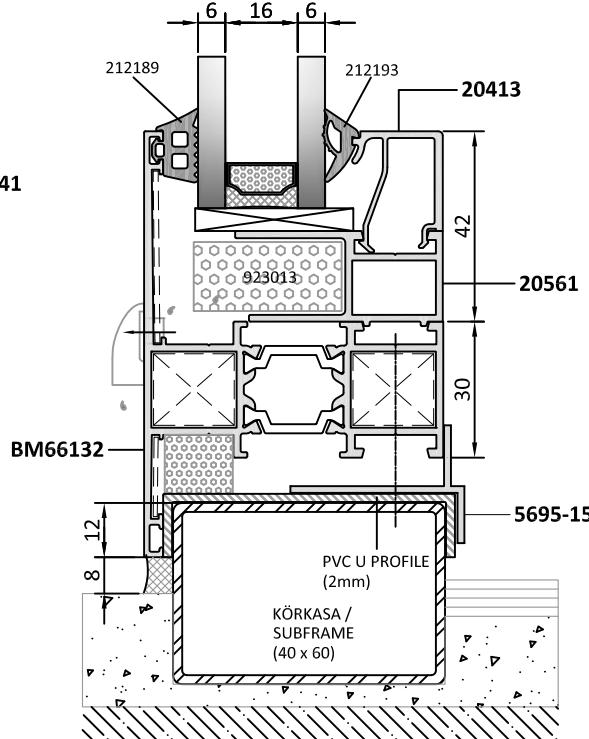
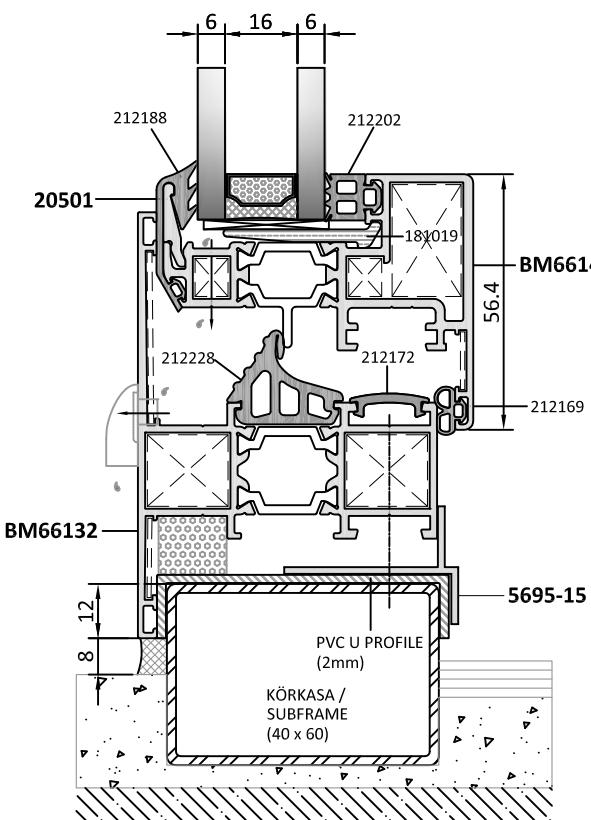
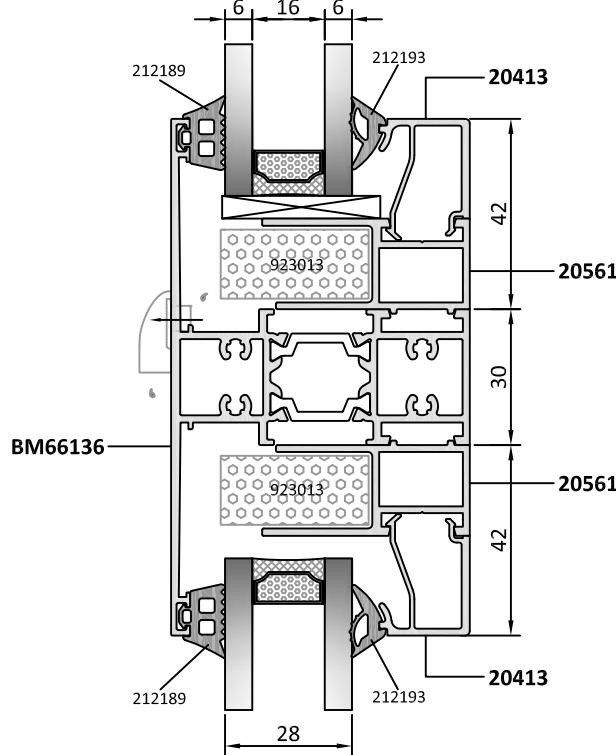
DETAY ÜZERİNDE BELİRTİLMİŞ OLAN  
KISIM HER KANAT İÇİN ÜSTTEN 5 CM  
KERTİLMELİDİR.

MARKED PARTS OF THE GASKET SHOULD BE  
NOTCHED AT THE TOP FOR EACH VENTS 5 CM  
AS SHOWN ON THE DETAIL.

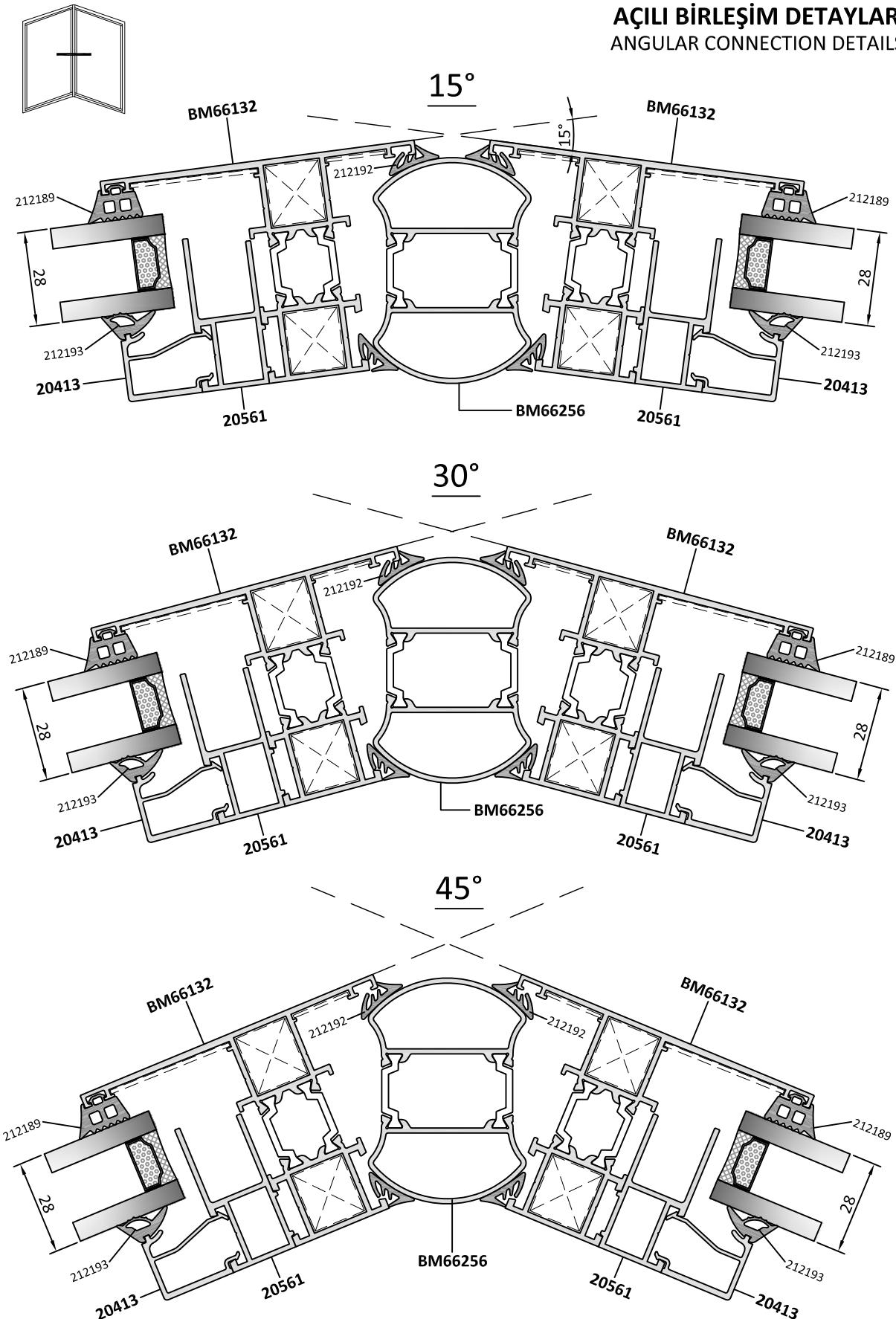


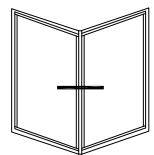


### GİZLİ KANAT PENCERE DETAYLARI HIDDEN VENT WINDOW DETAILS

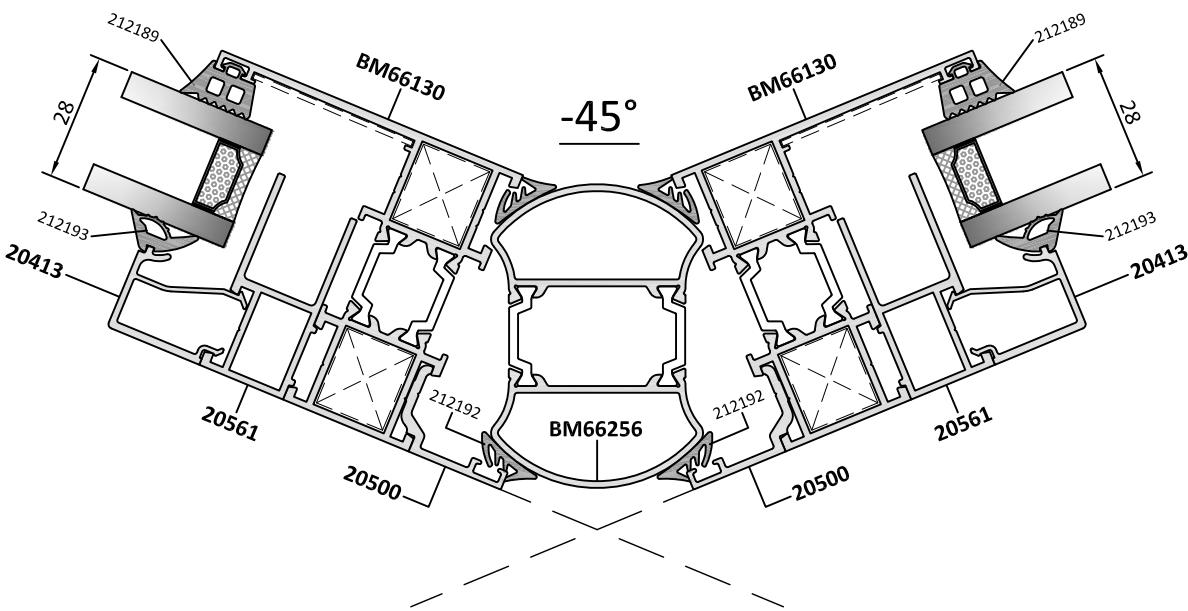
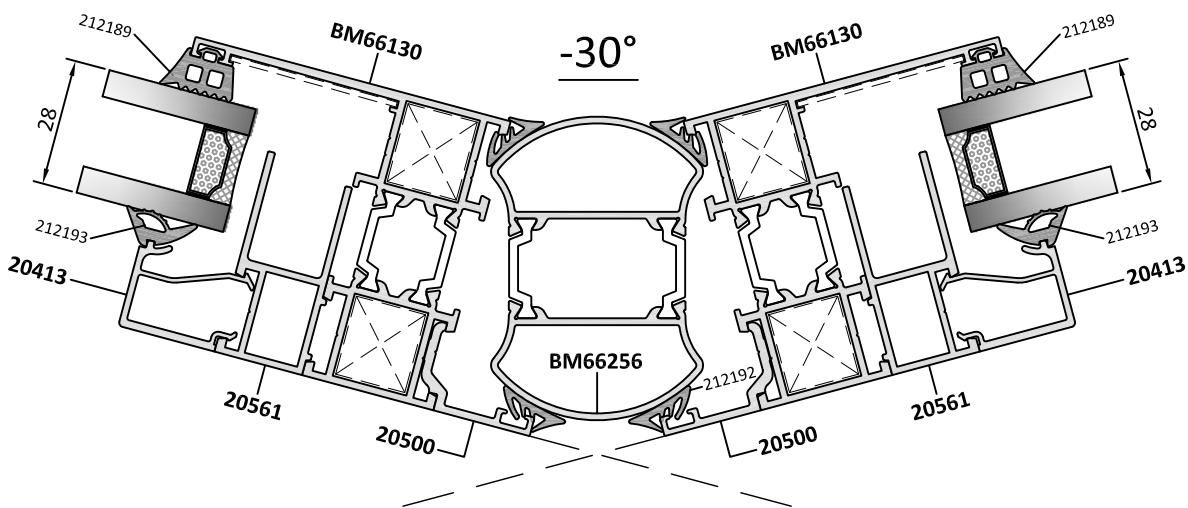
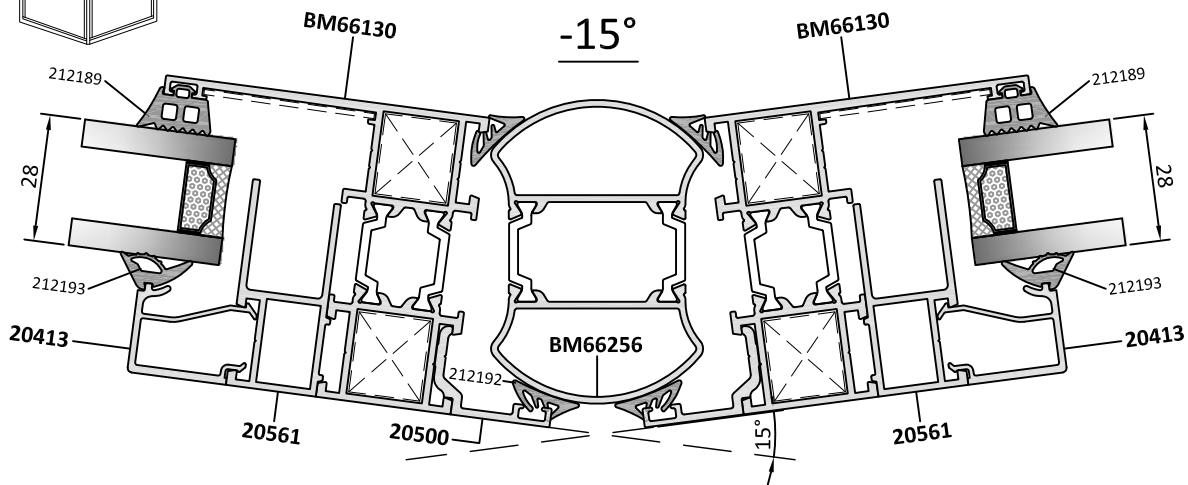


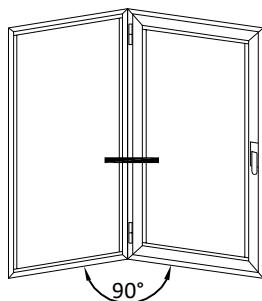
**AÇILI BİRLEŞİM DETAYLARI**  
ANGULAR CONNECTION DETAILS





**AÇILI BİRLEŞİM DETAYLARI**  
ANGULAR CONNECTION DETAILS

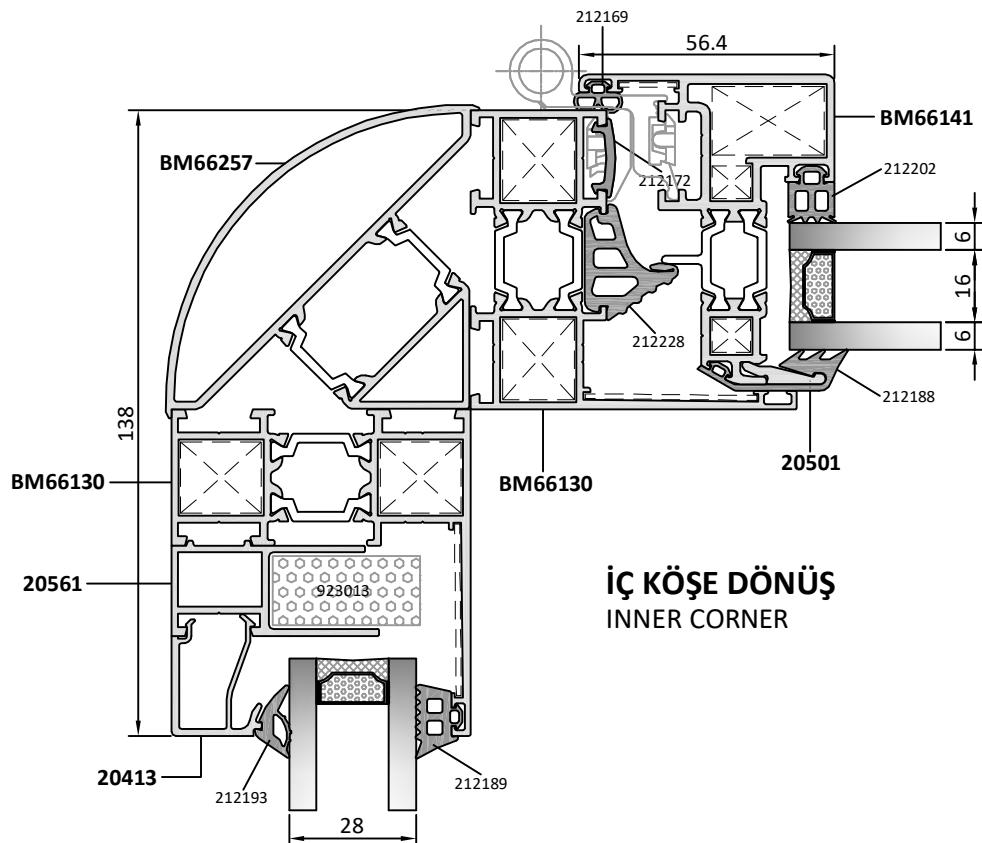
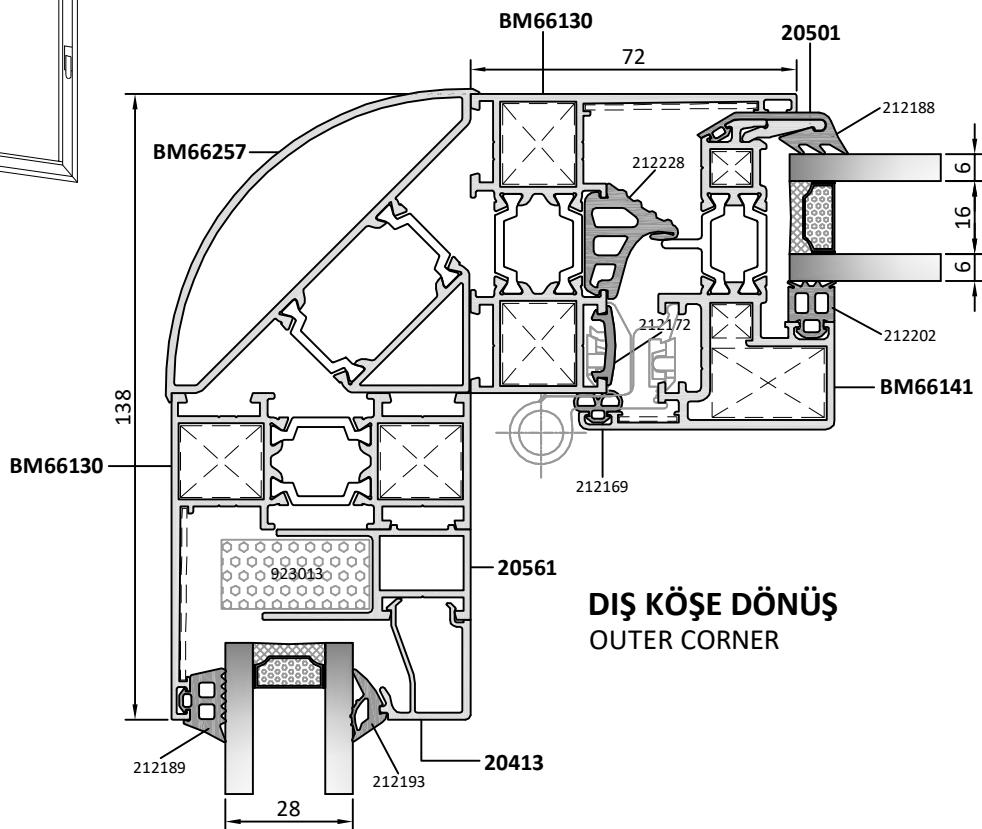


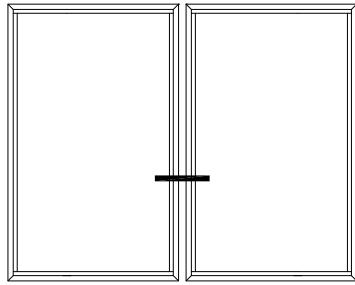


90°

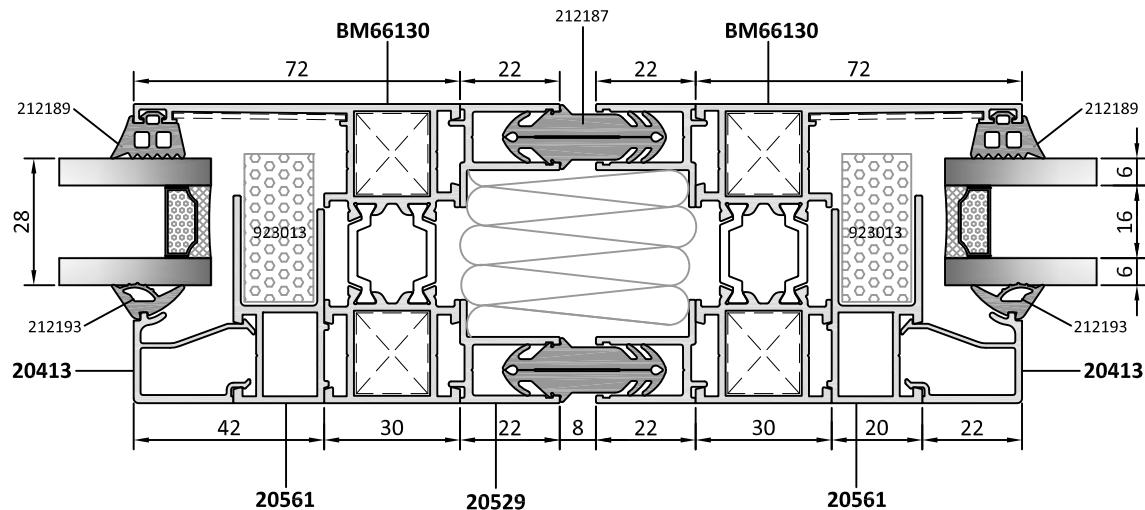
### KÖŞE BİRLEŞİM DETAYLARI

#### CORNER CONNECTION DETAILS

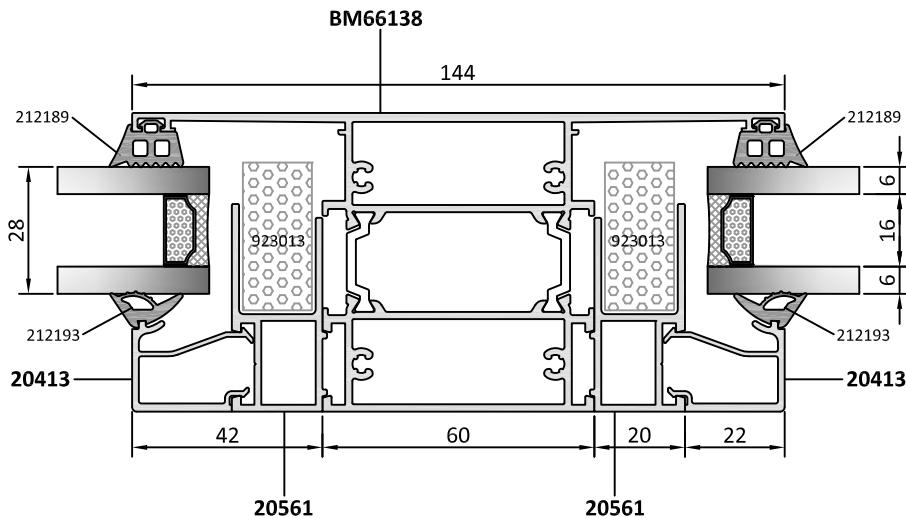




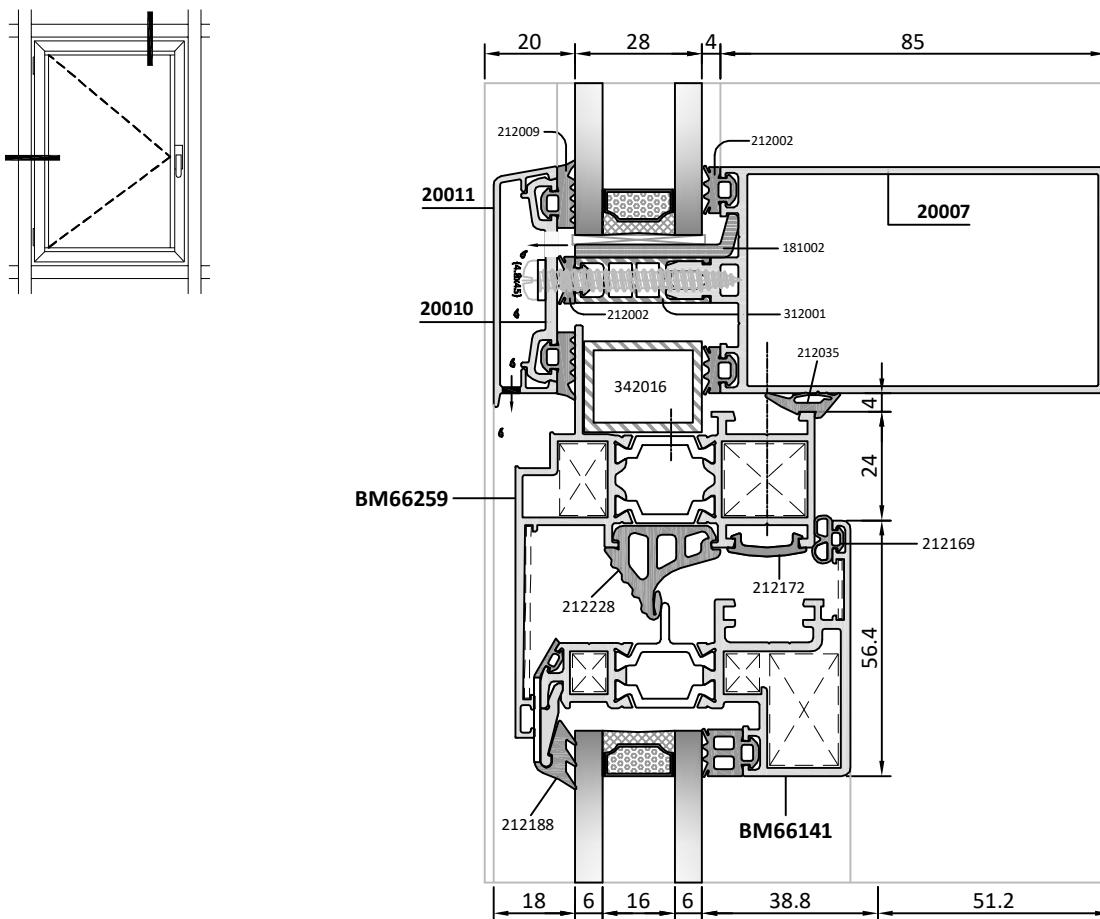
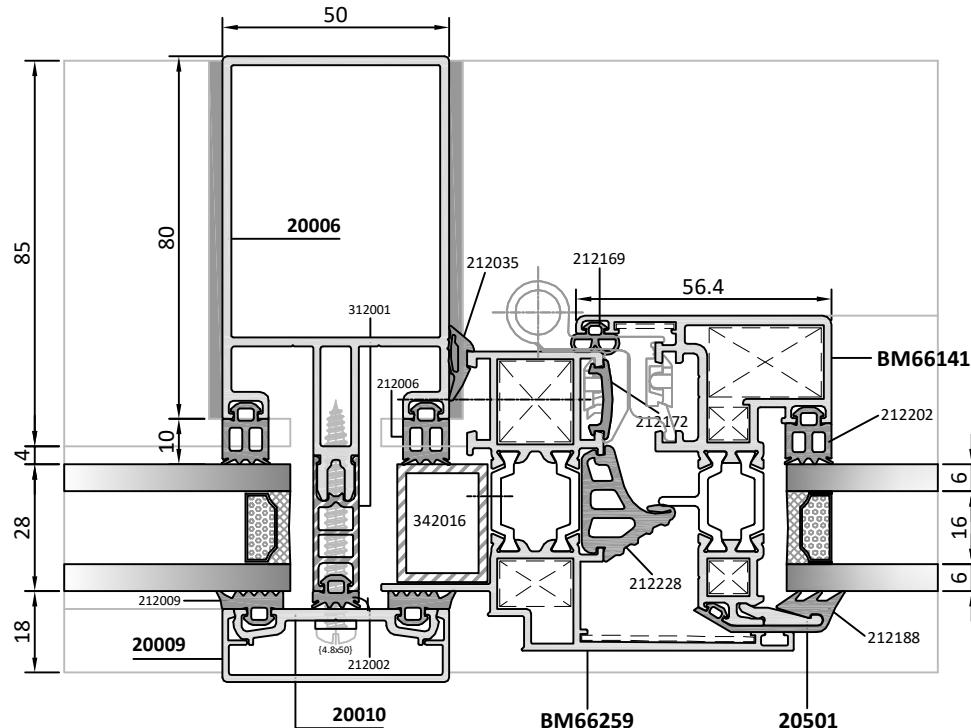
**DİLATASYON DETAYLARI**  
DILATATION DETAILS



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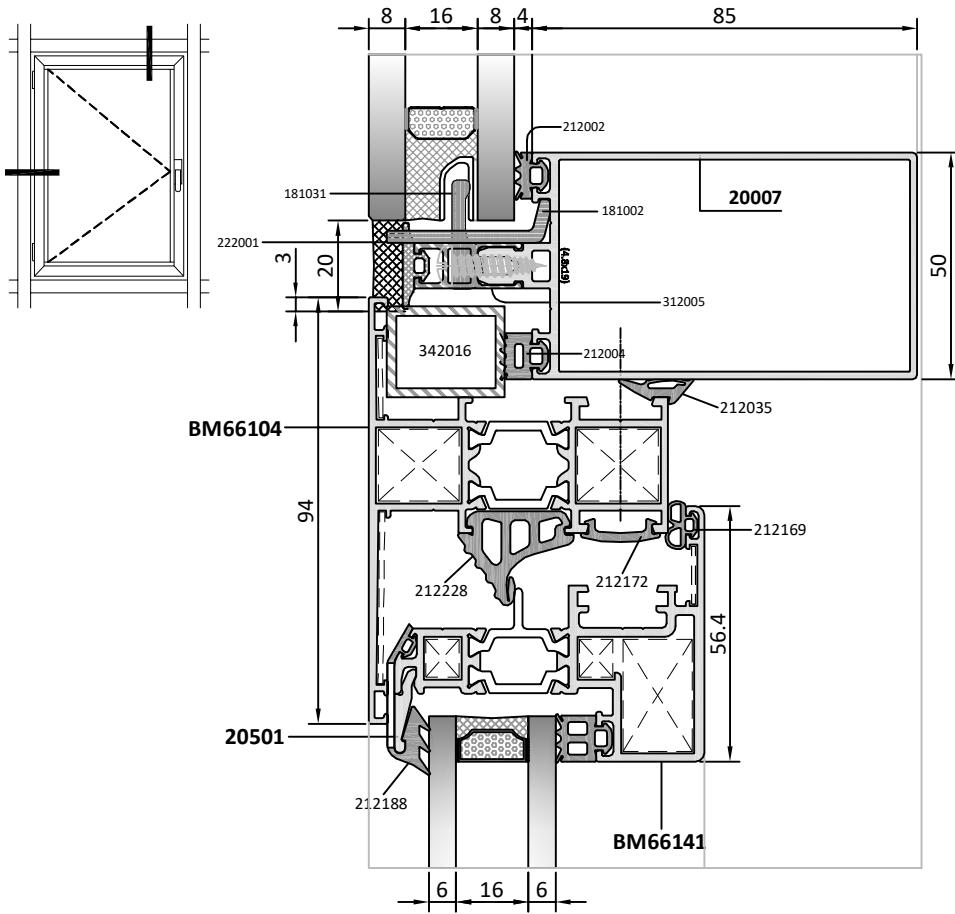
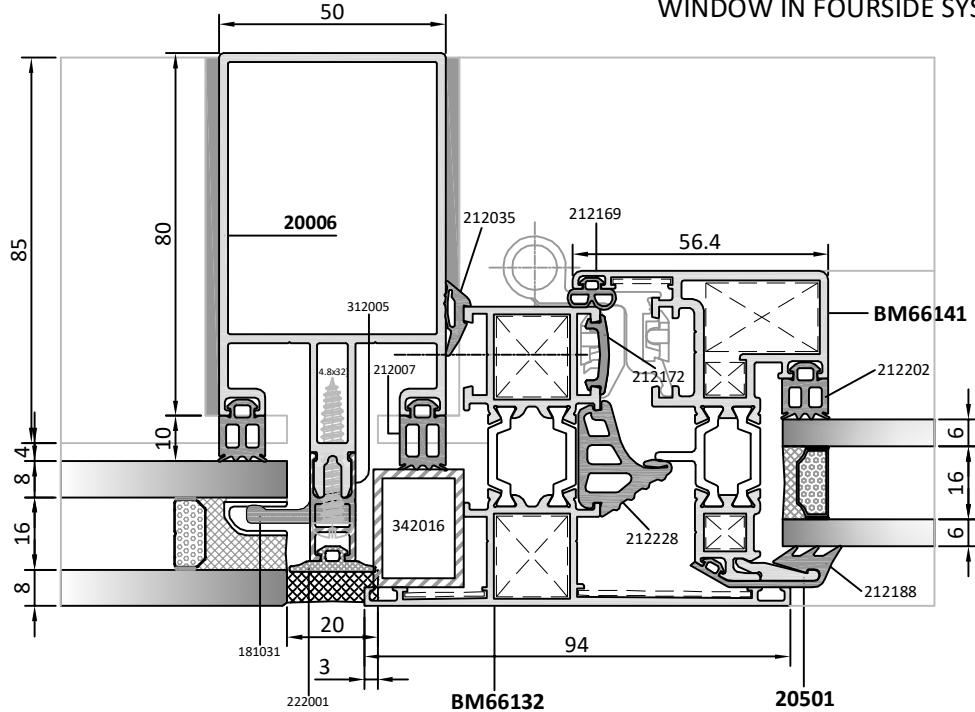


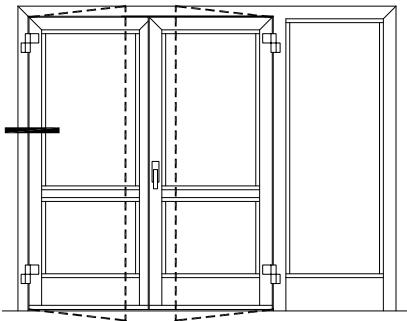
**KAPAKLI CEPHE İÇERİSİNDE GİZLİ KANAT PENCERE DETAYLARI**  
HIDDEN VENT WINDOW IN CAPPED CURTAIN WALL DETAILS



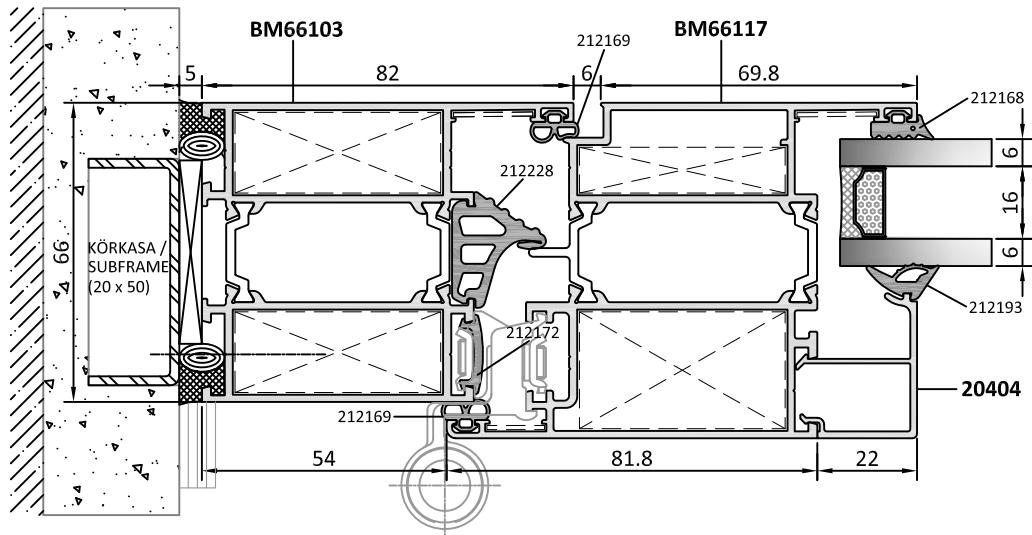
**SİLİKON CEPHE İÇERİSİNDE GİZLİ KANAT PENCERE DETAYLARI**

WINDOW IN FOURSIDE SYSTEM DETAILS

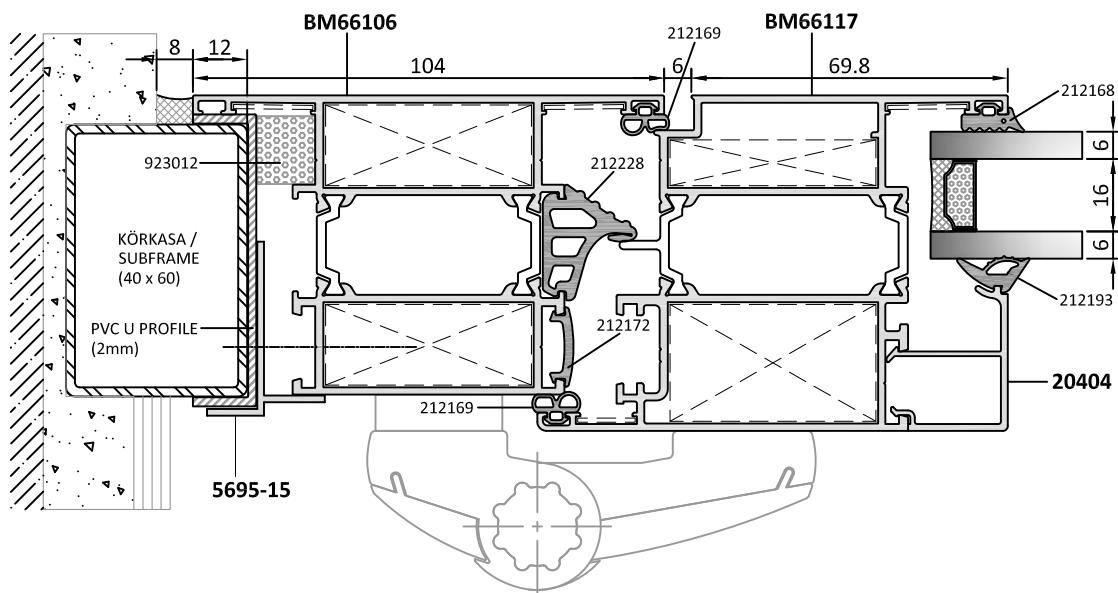


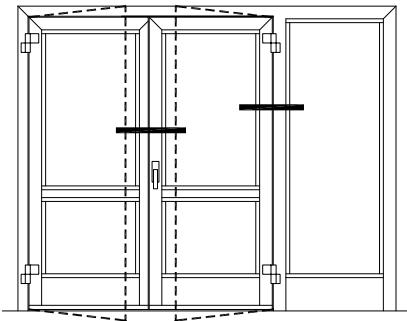


**İÇE AÇILIR BİNİLİ KAPI DETAYLARI**  
INWARD OPENING STEP DOOR DETAILS

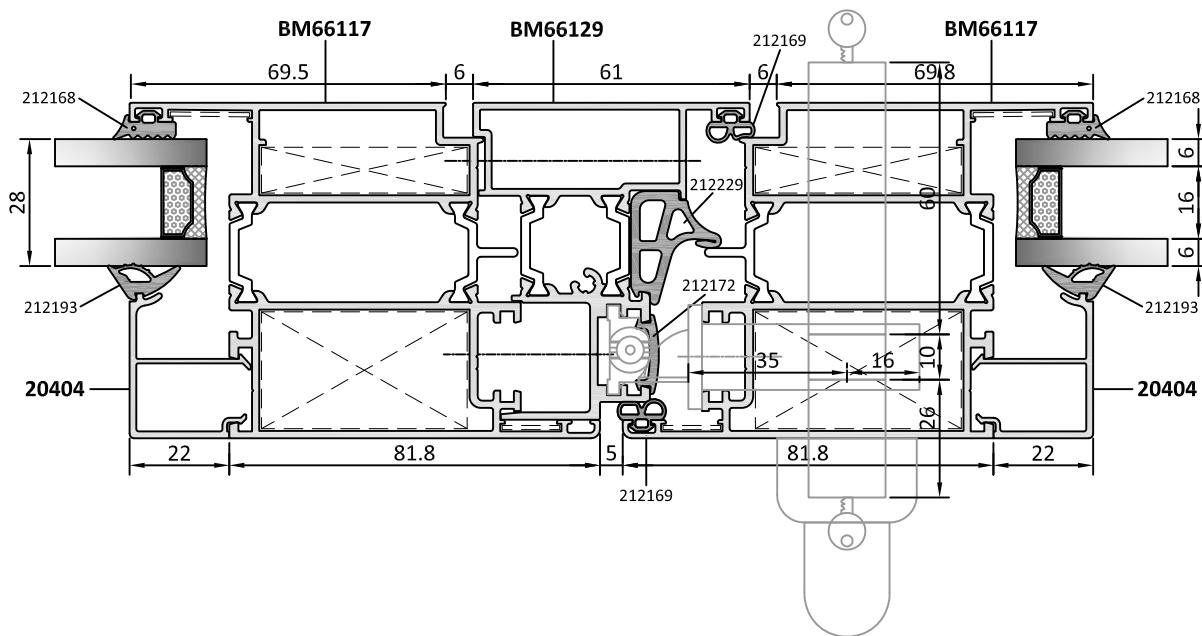


71

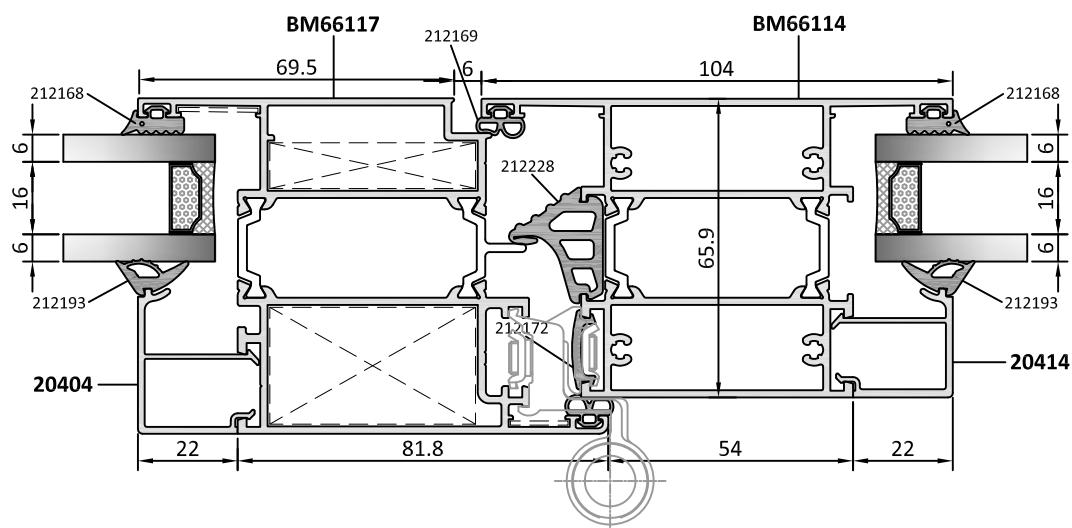


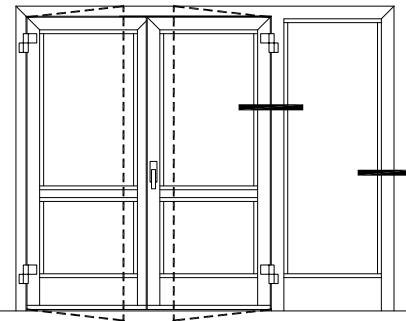


**İÇE AÇILIR BİNİLİ KAPI DETAYLARI**  
INWARD OPENING STEP DOOR DETAILS

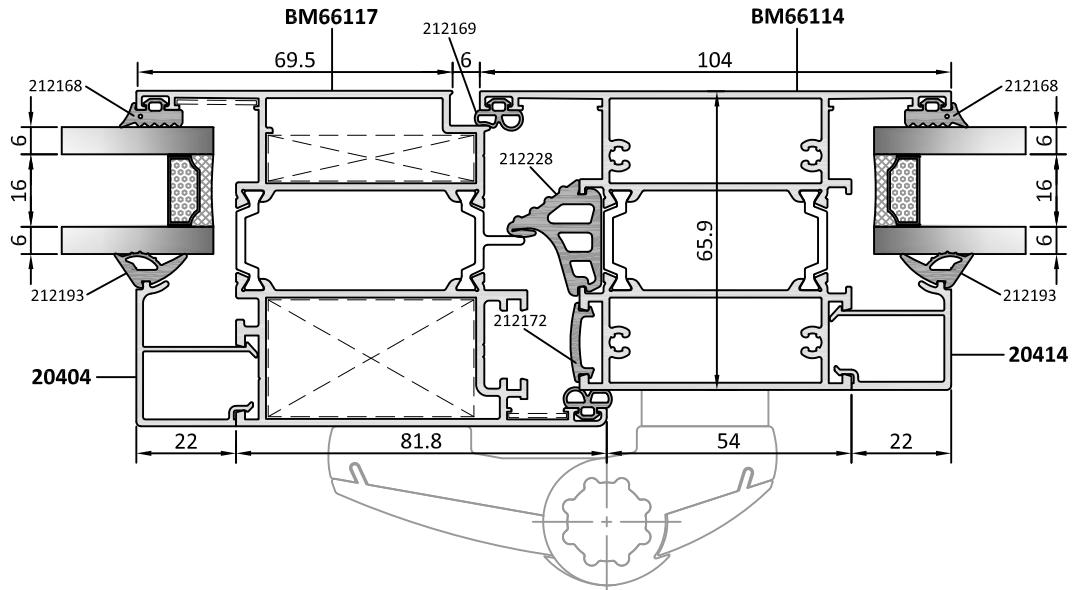


72

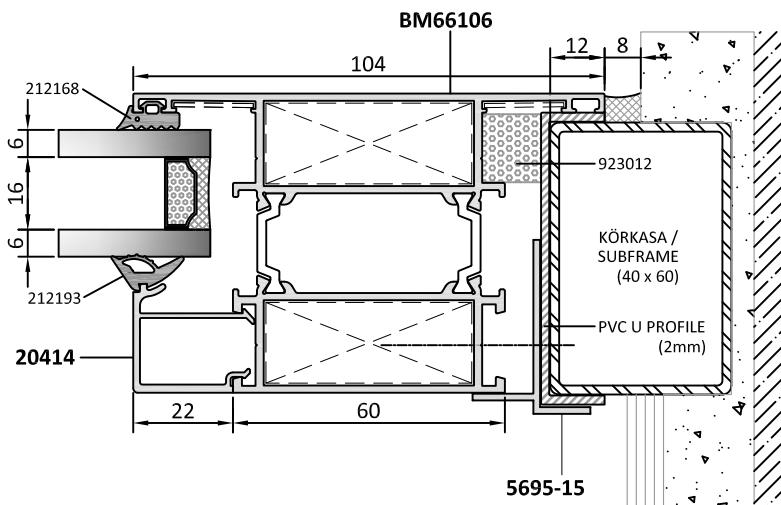


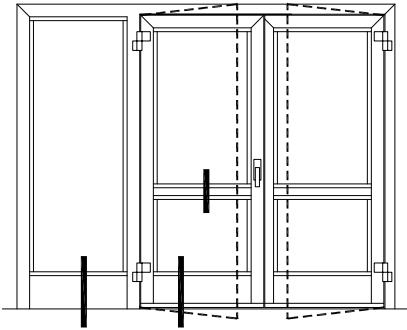


**İÇE AÇILIR BİNİLİ KAPI DETAYLARI**  
INWARD OPENING STEP DOOR DETAILS

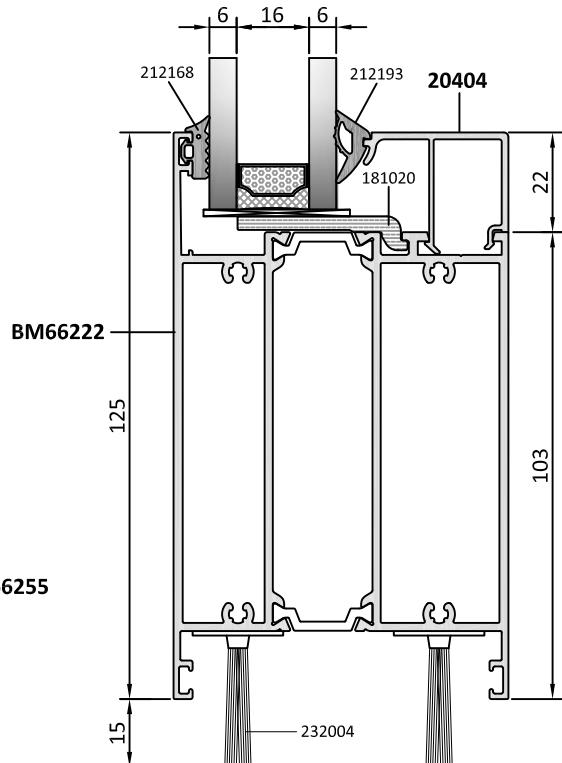
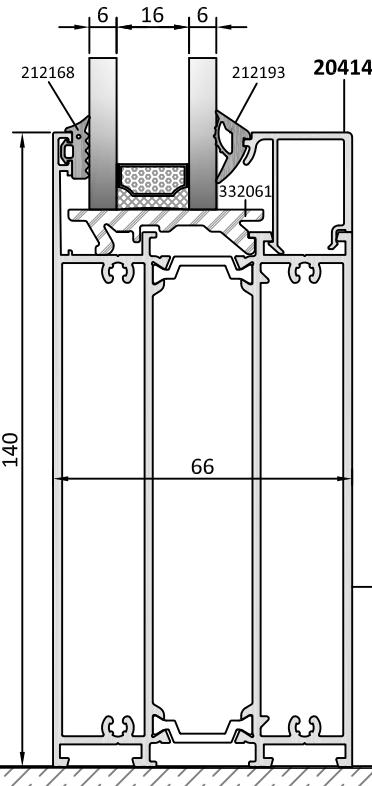
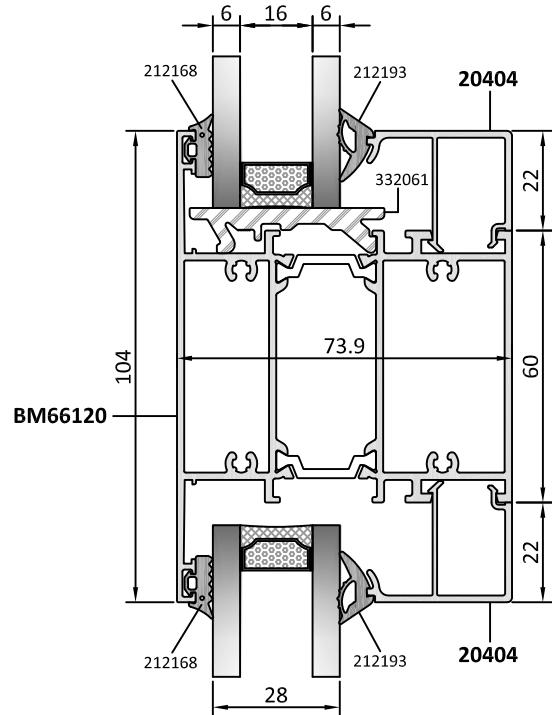


73

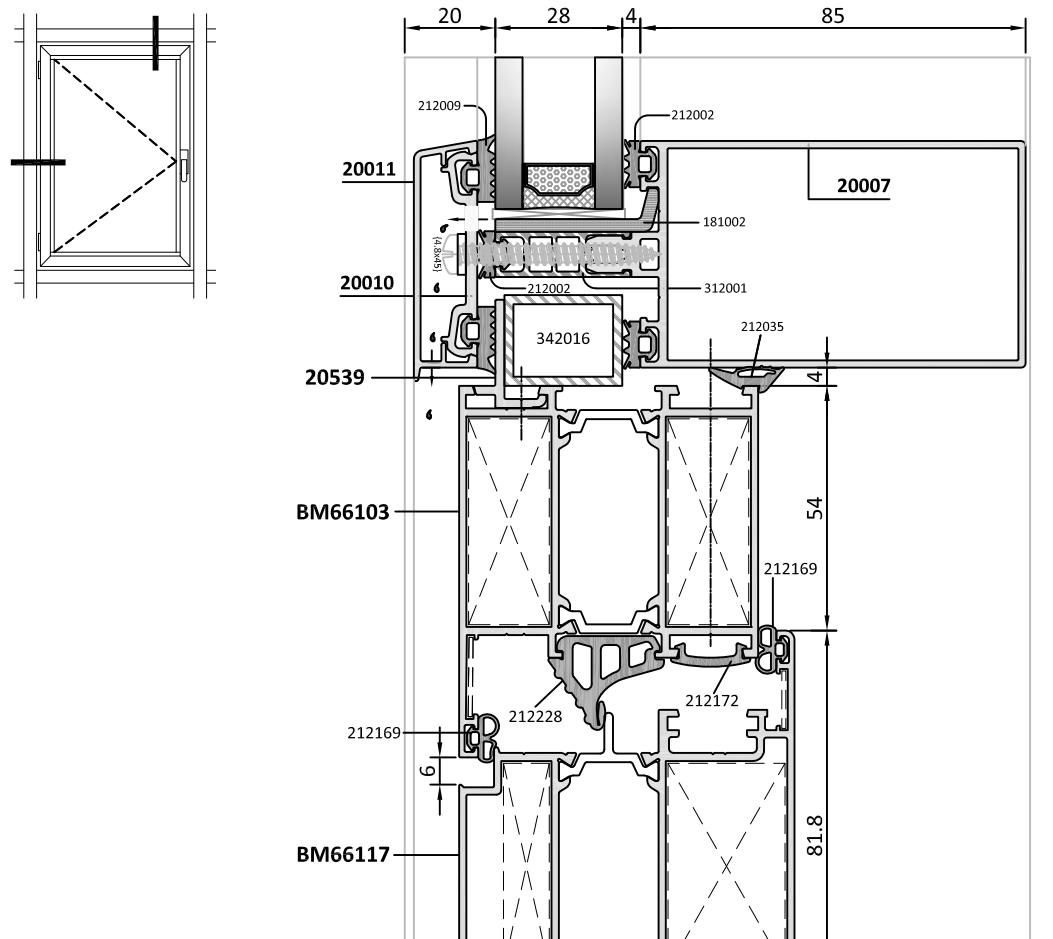
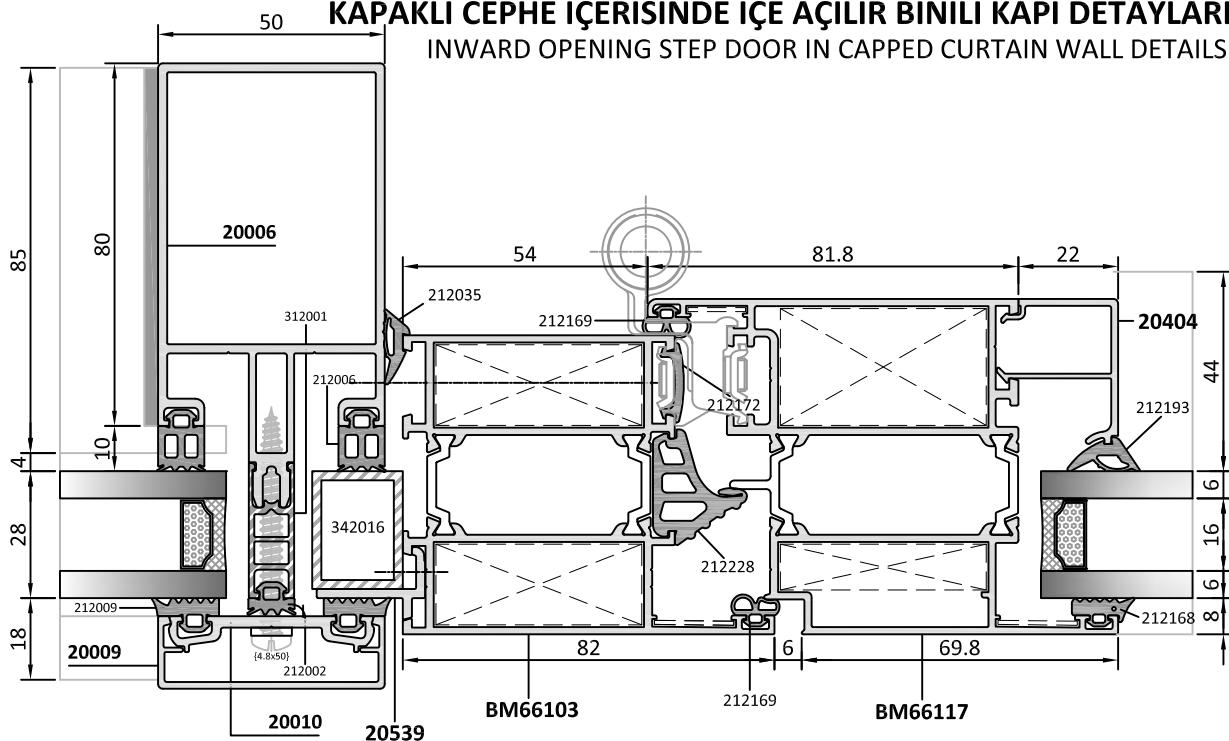




**İÇE AÇILIR BİNİLİ KAPI DETAYLARI**  
INWARD OPENING STEP DOOR DETAILS

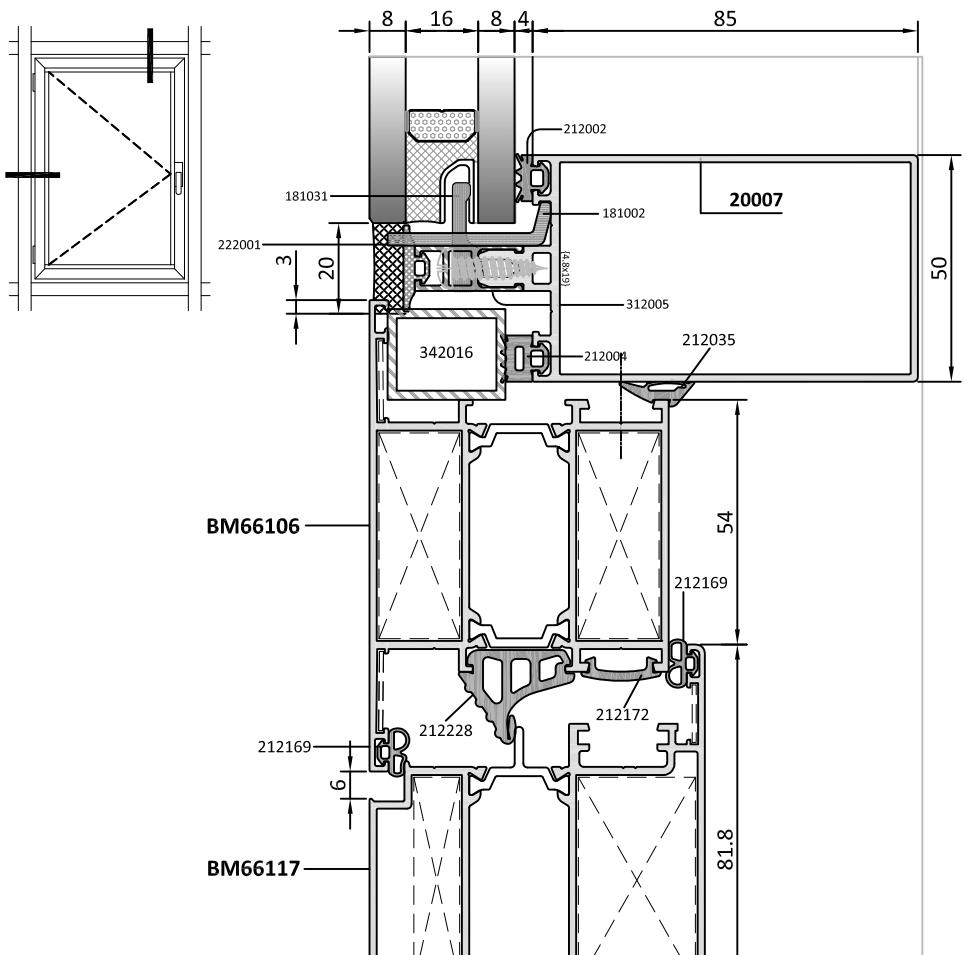
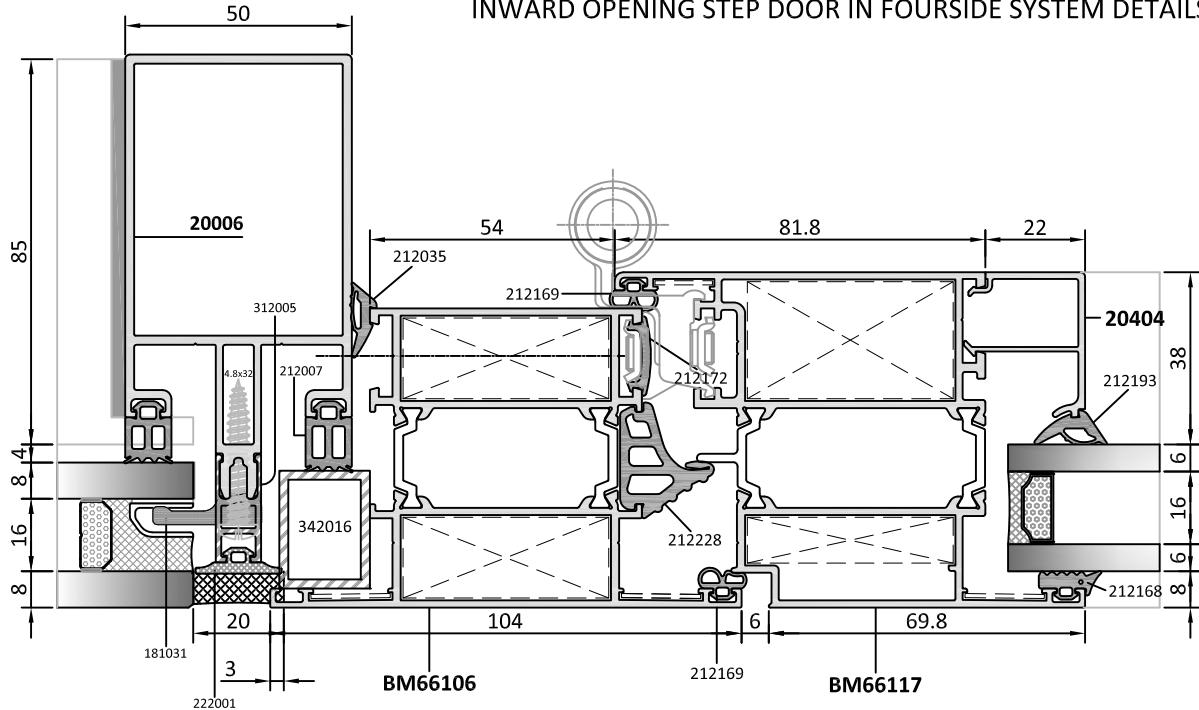


**KAPAKLI CEPHE İÇERİSİNDE İÇE AÇILIR BİNİLİ KAPI DETAYLARI**  
INWARD OPENING STEP DOOR IN CAPPED CURTAIN WALL DETAILS

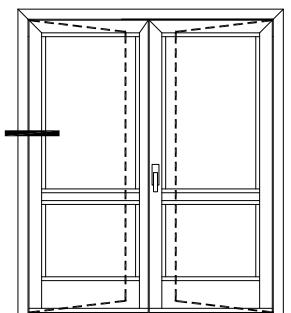


## SİLİKON CEPHE İÇERİSİNDE İÇE AÇILIR BİNİLİ KAPI DETAYLARI

### INWARD OPENING STEP DOOR IN FOURSIDE SYSTEM DETAILS

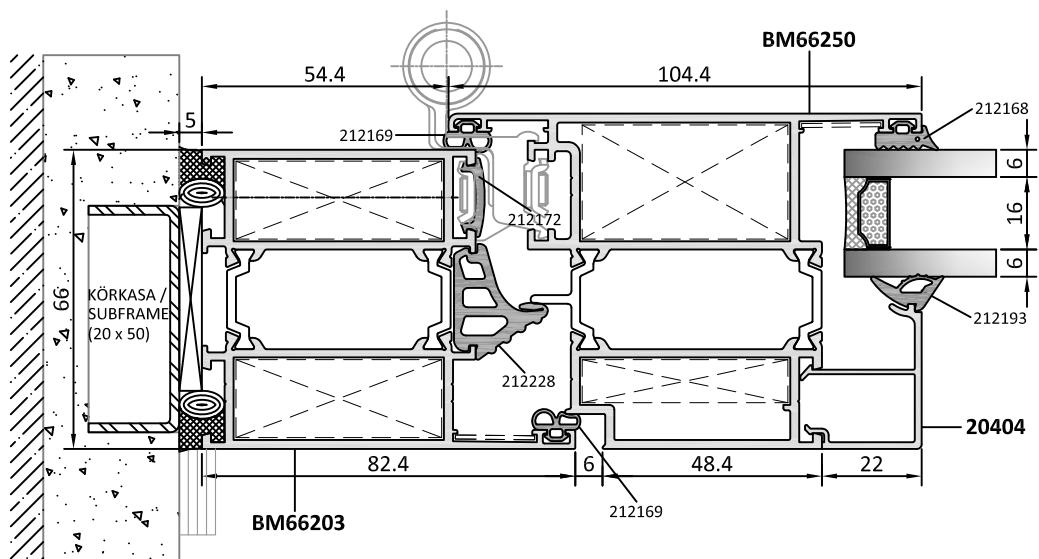


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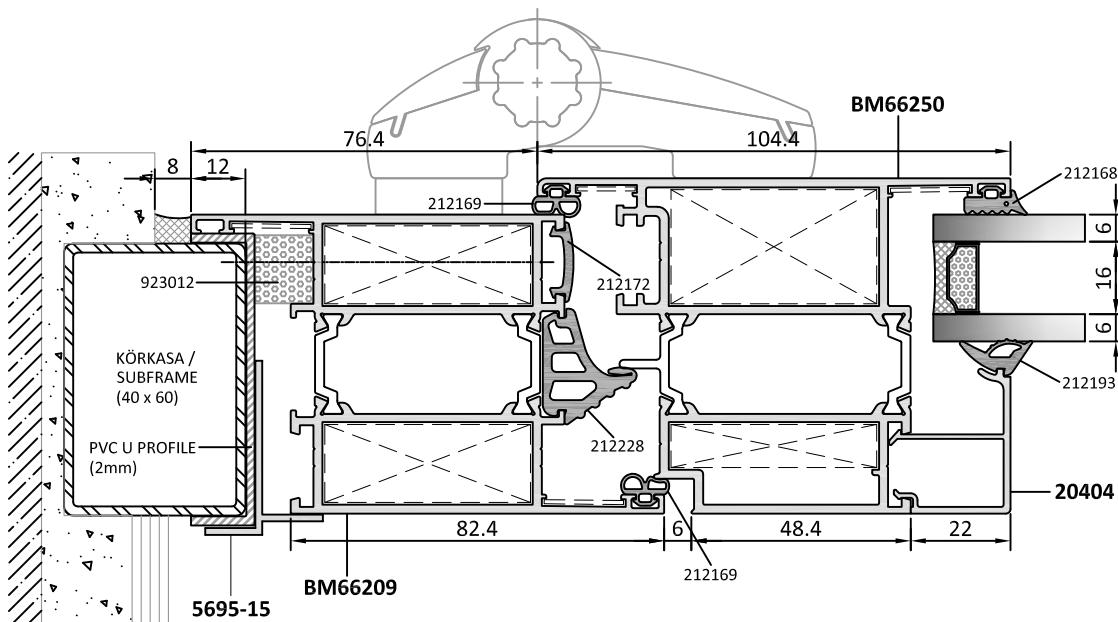


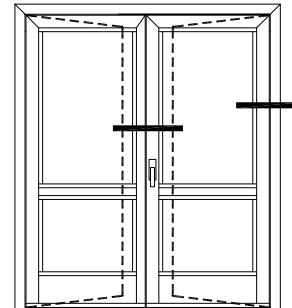
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### **OUTWARD OPENING STEP DOOR DETAILS**

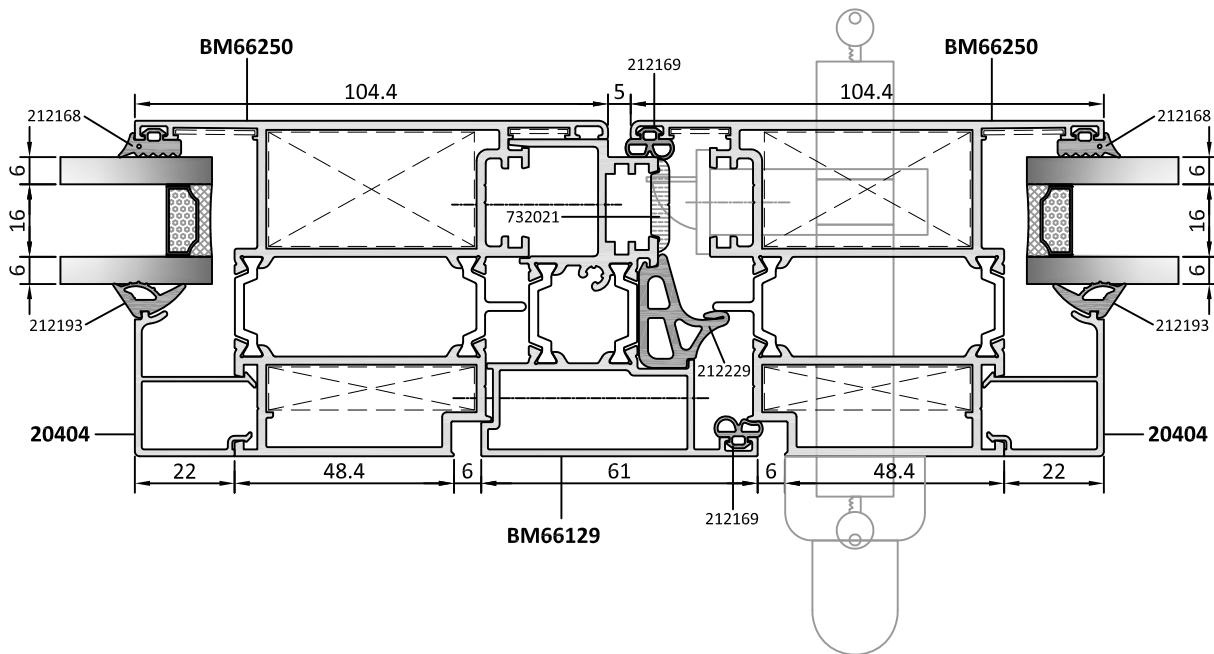


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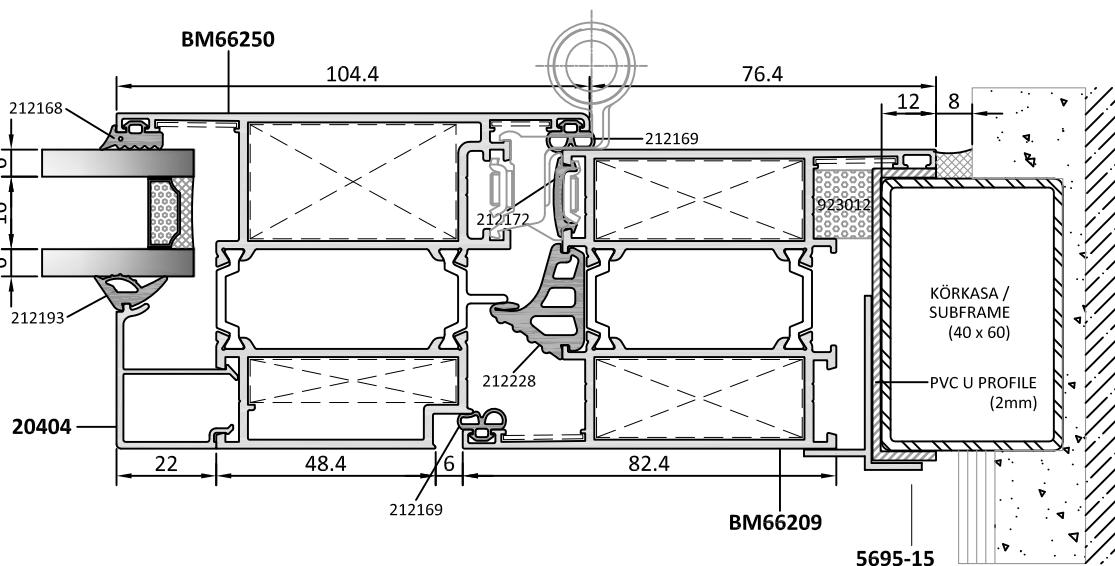


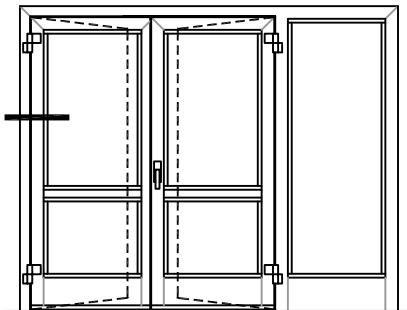


**DIŞA AÇILIR BİNİLİ KAPI DETAYLARI**  
OUTWARD OPENING STEP DOOR DETAILS



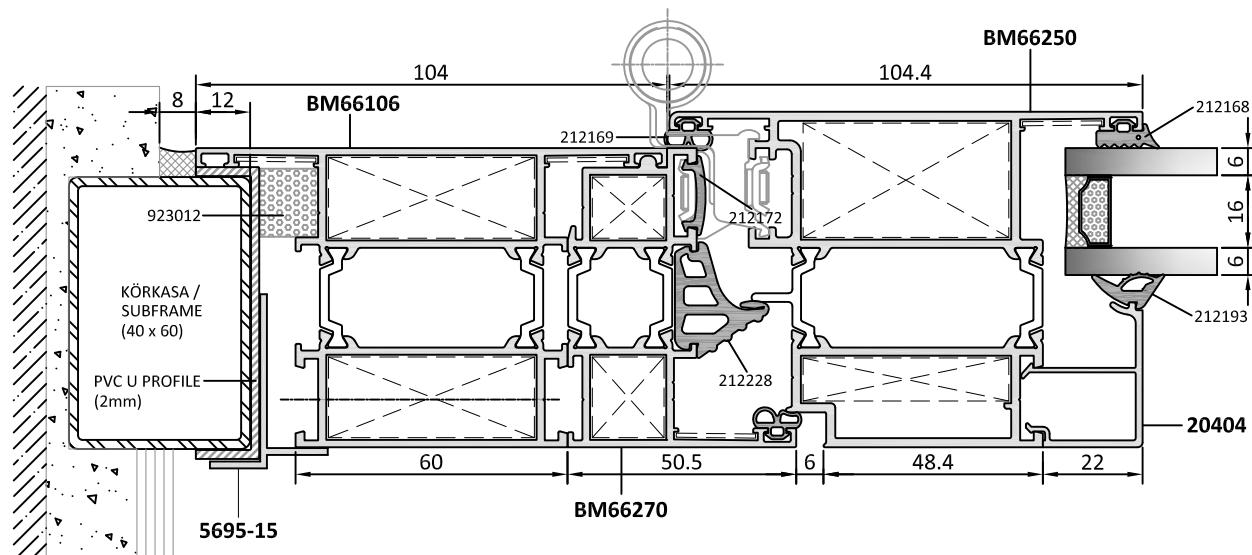
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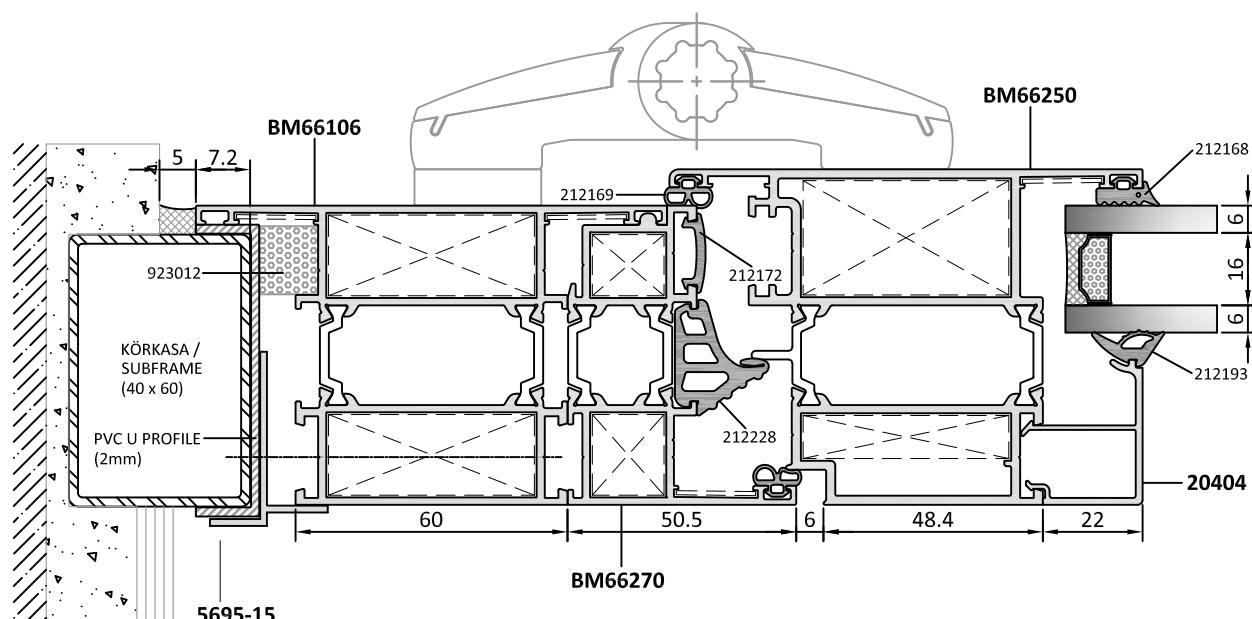


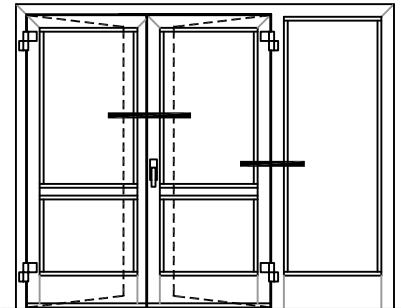
## **DIŞA AÇILIR BİNİLİ KAPI DETAYLARI**

### **OUTWARD OPENING STEP DOOR DETAILS**

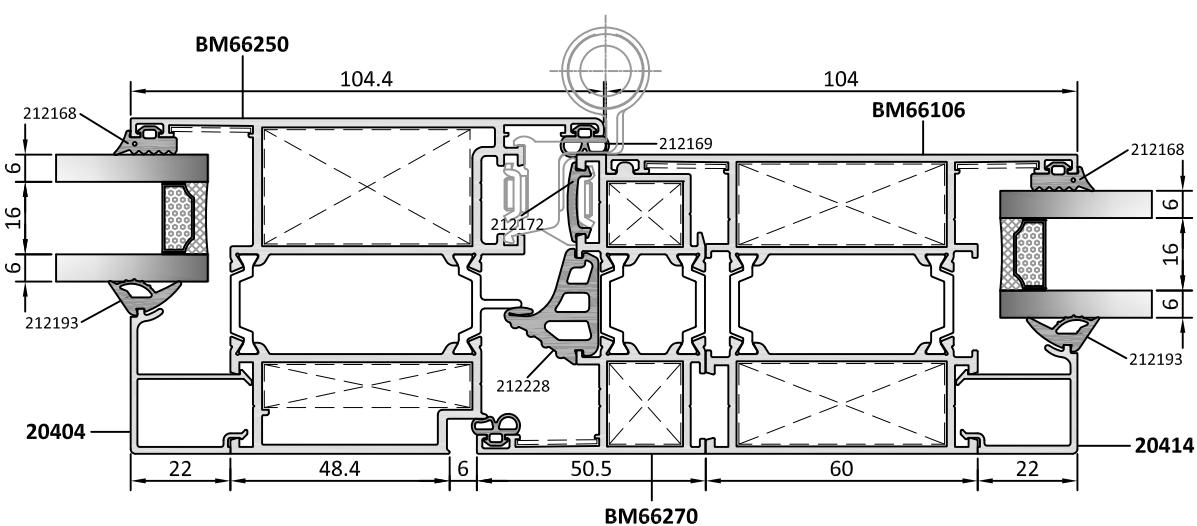
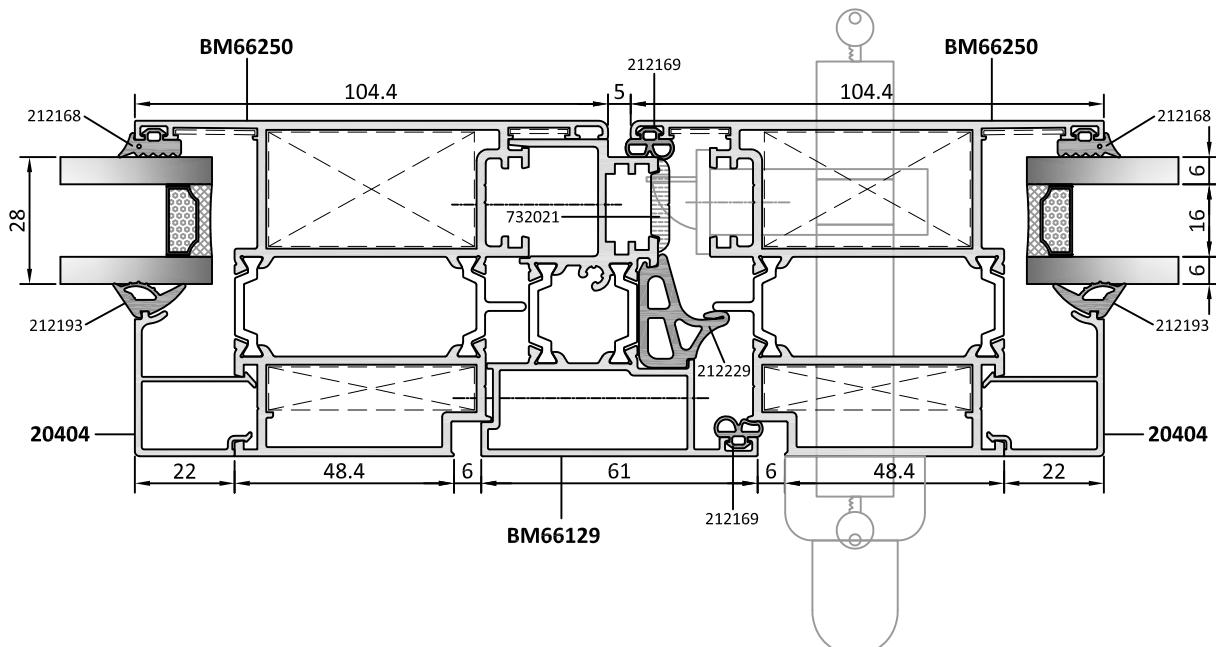


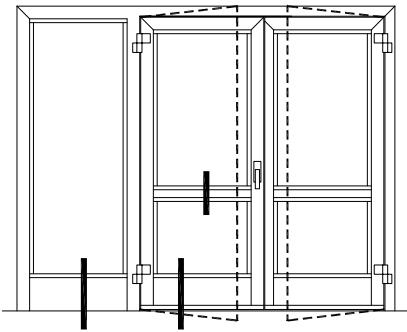
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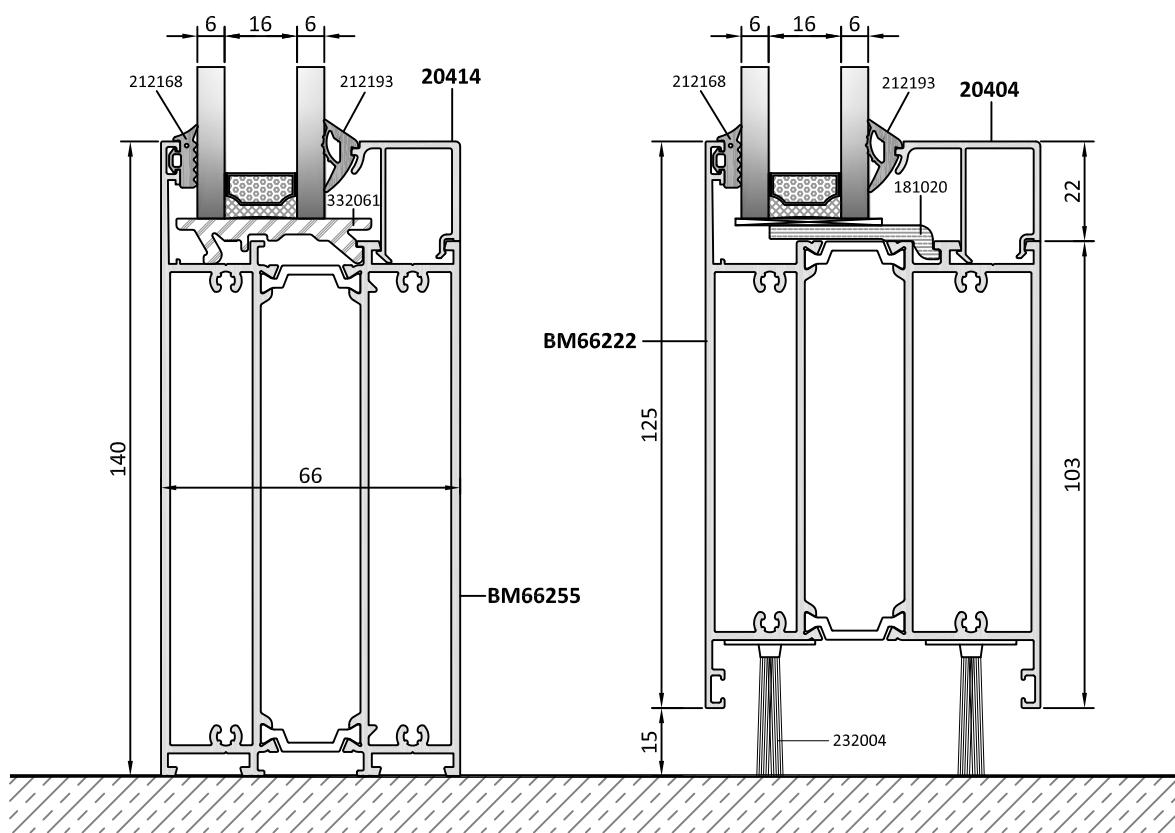
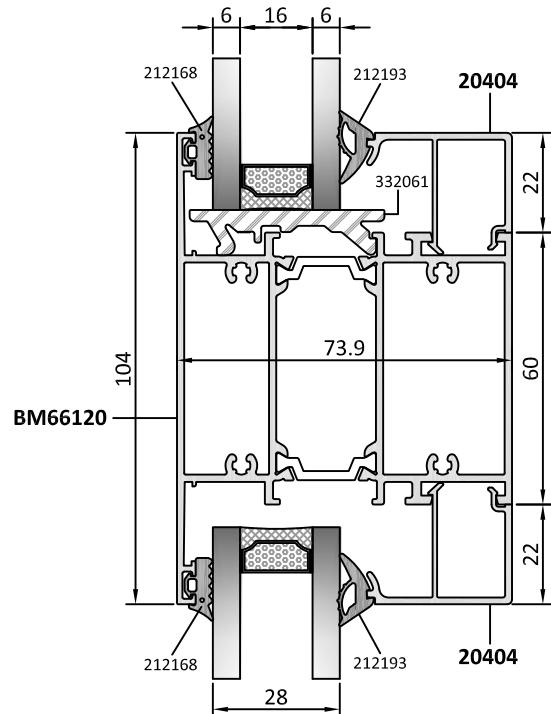


**DIŞA AÇILIR BİNİLİ KAPI DETAYLARI**  
OUTWARD OPENING STEP DOOR DETAILS

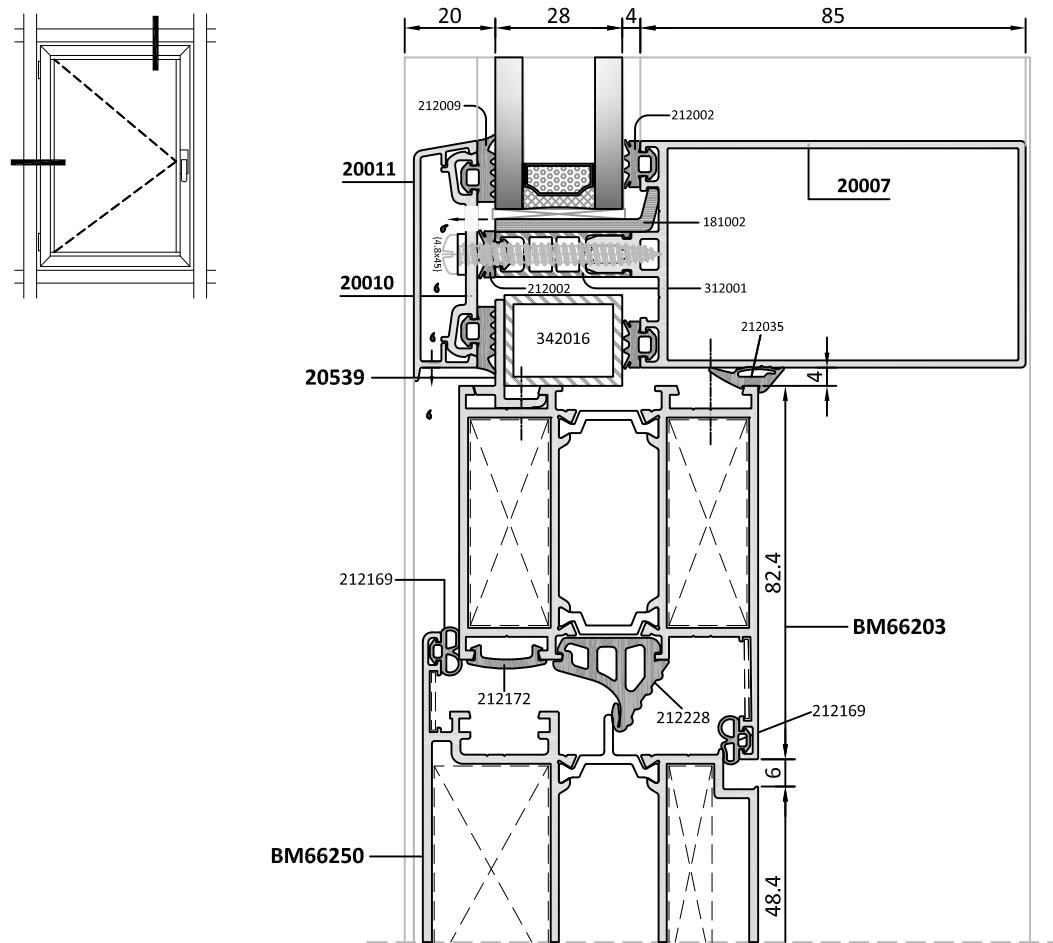
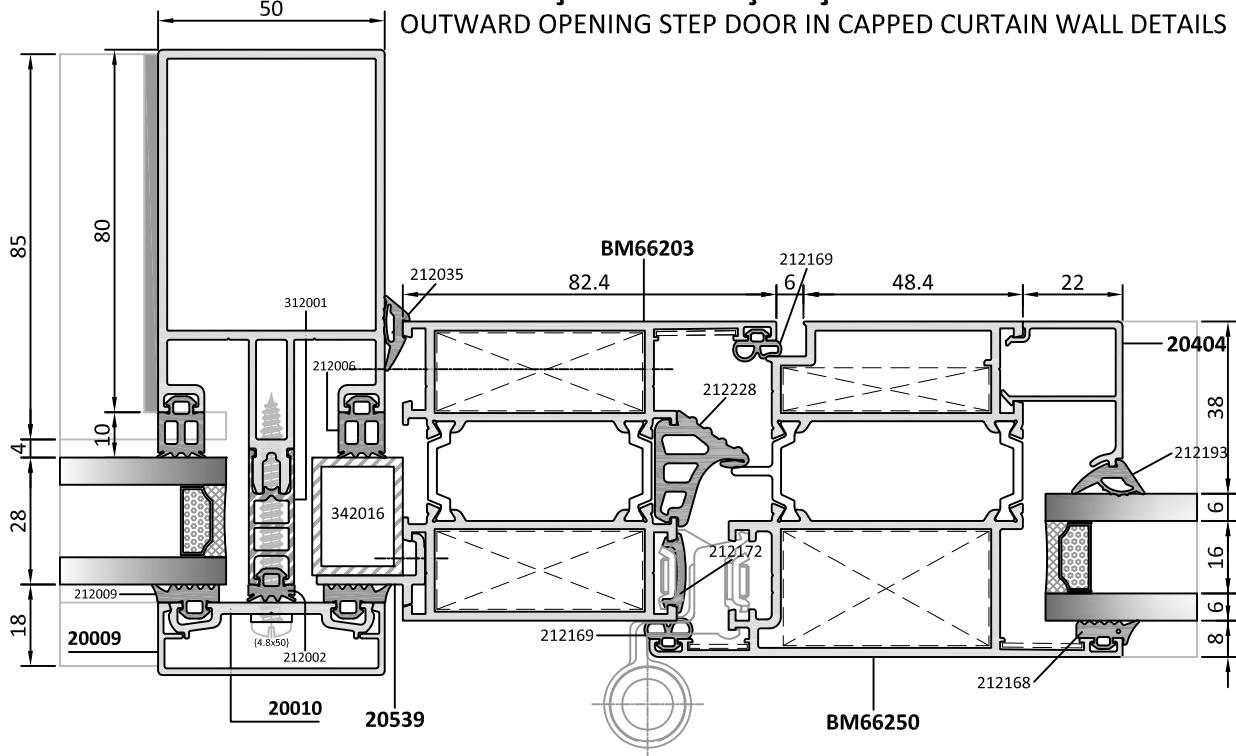




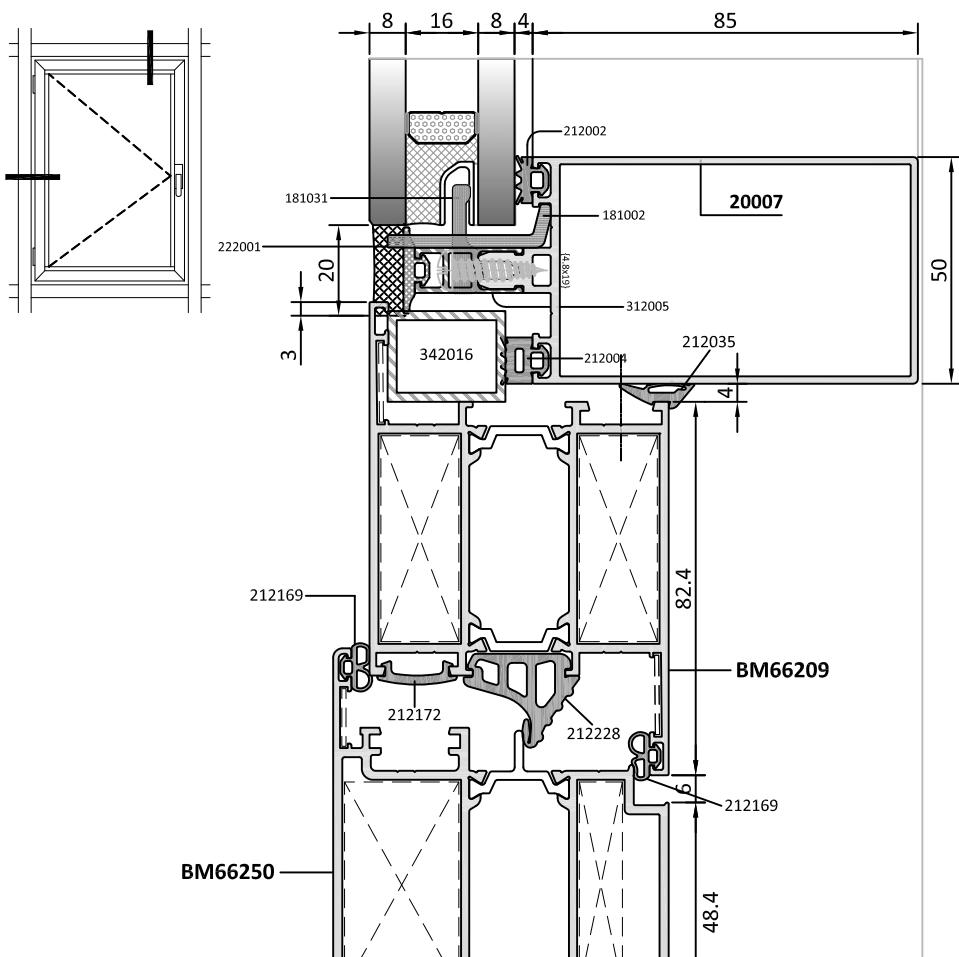
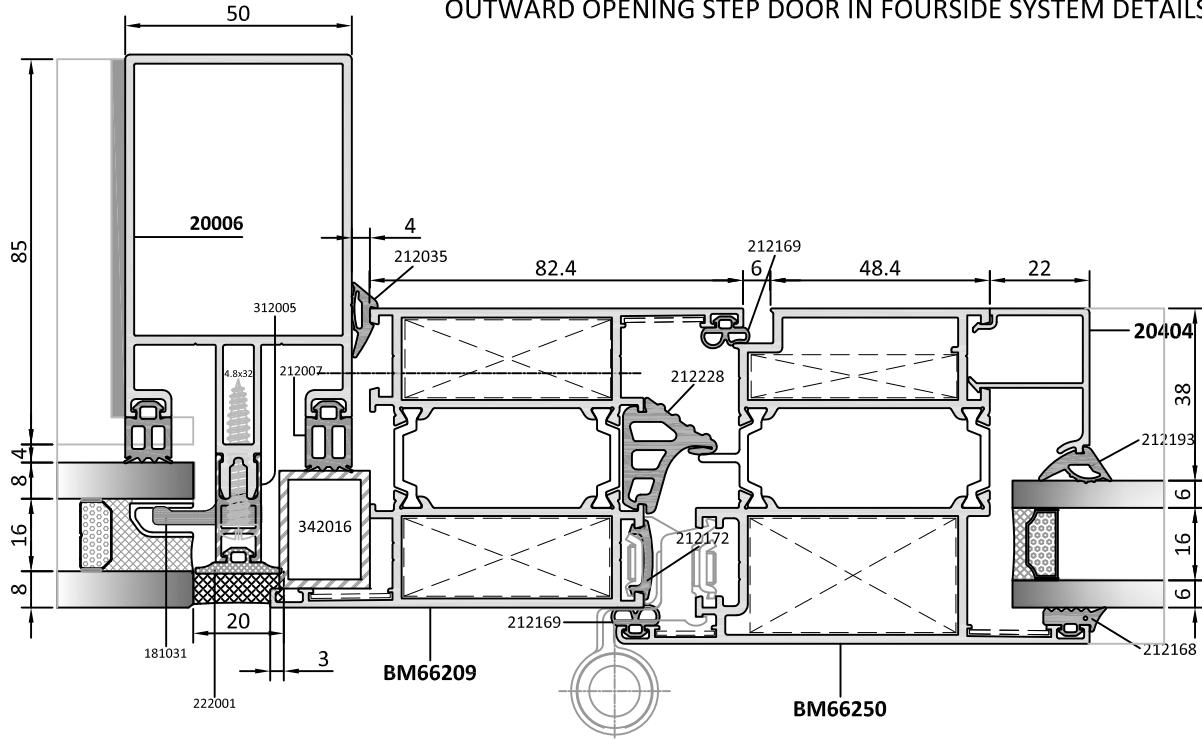
**İÇE AÇILIR BİNİLİ KAPI DETAYLARI**  
INWARD OPENING STEP DOOR DETAILS



**KAPAKLI CEPHE İÇERİSİNDE DIŞA AÇILIR BİNİLİ KAPI DETAYLARI**  
**OUTWARD OPENING STEP DOOR IN CAPPED CURTAIN WALL DETAILS**

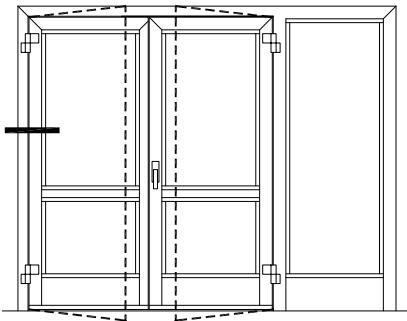


**SİLİKON CEPHE İÇERİSİNDE DIŞA AÇILIR BİNİLİ KAPI DETAYLARI**  
OUTWARD OPENING STEP DOOR IN FOURSIDE SYSTEM DETAILS

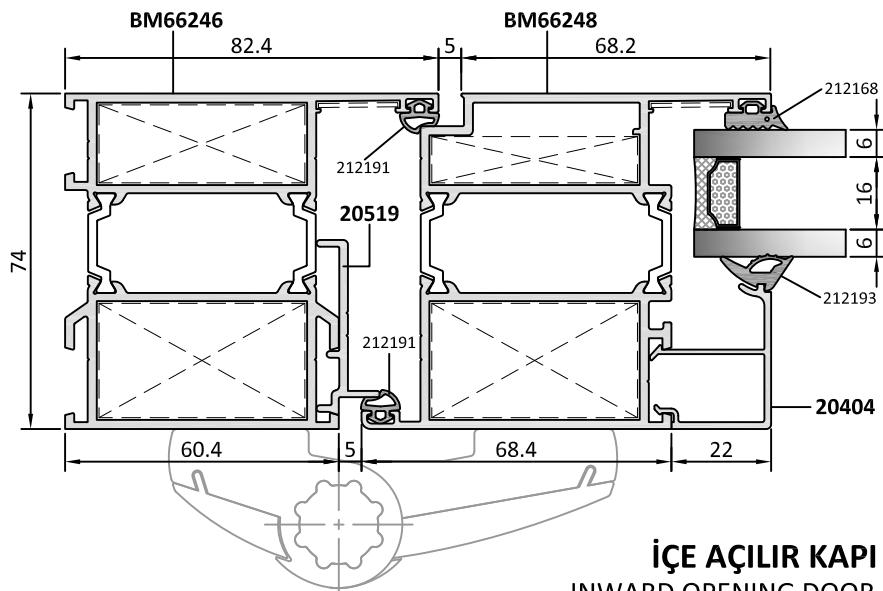


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alüminyum

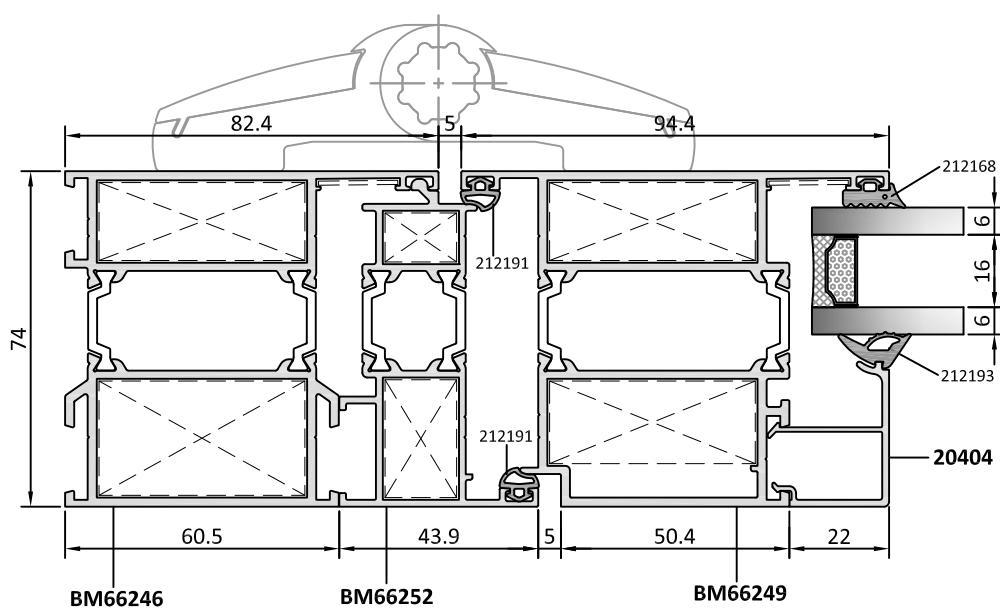
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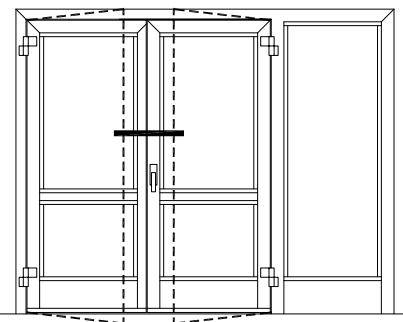
**İÇE VE DIŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS



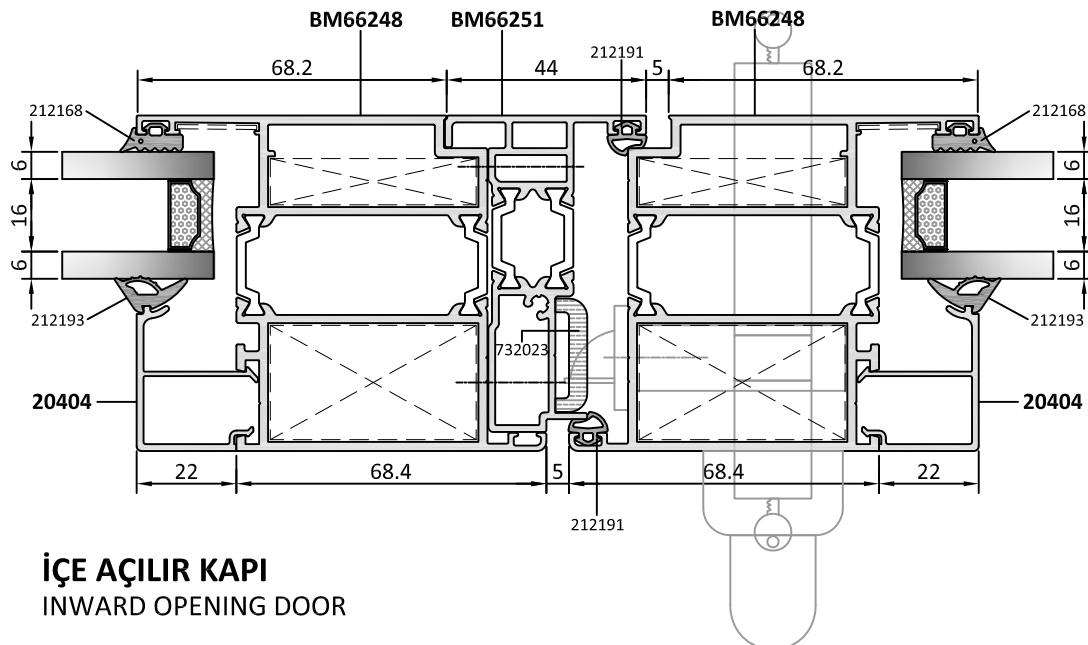
**İÇE AÇILIR KAPI**  
INWARD OPENING DOOR



**DIŞA AÇILIR KAPI**  
OUTWARD OPENING DOOR

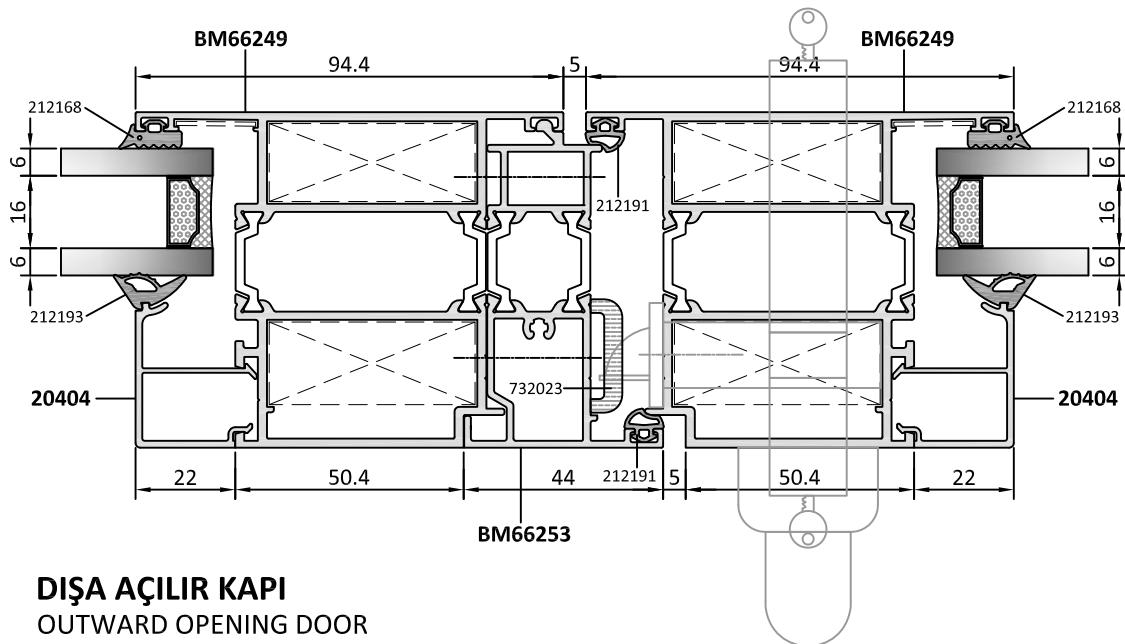


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INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS

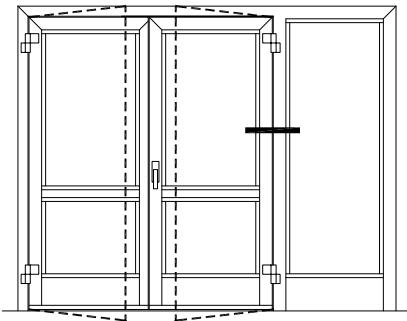


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INWARD OPENING DOOR

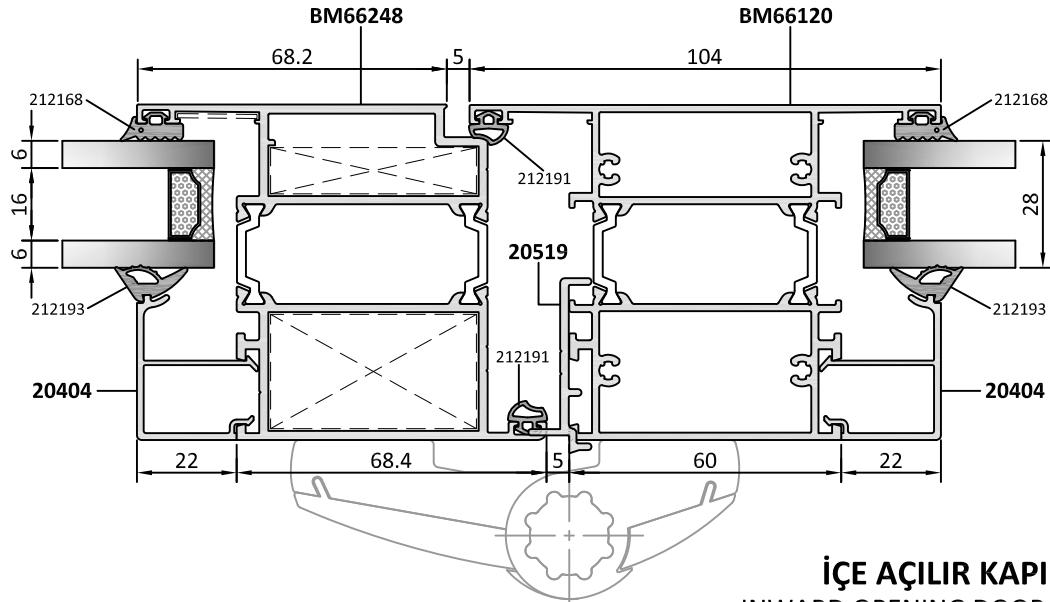
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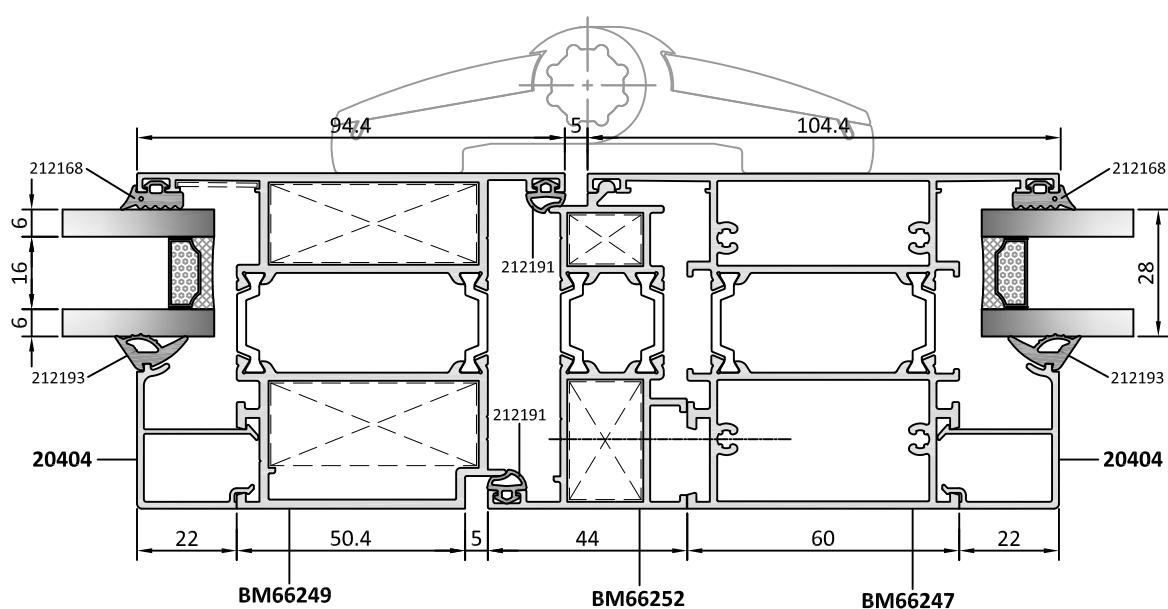
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OUTWARD OPENING DOOR



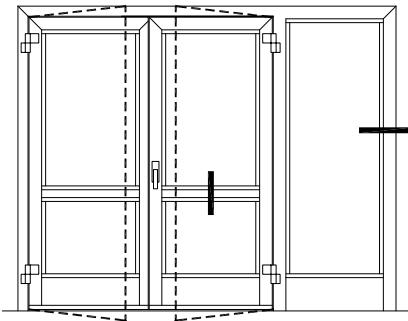
**İÇE VE DIŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS



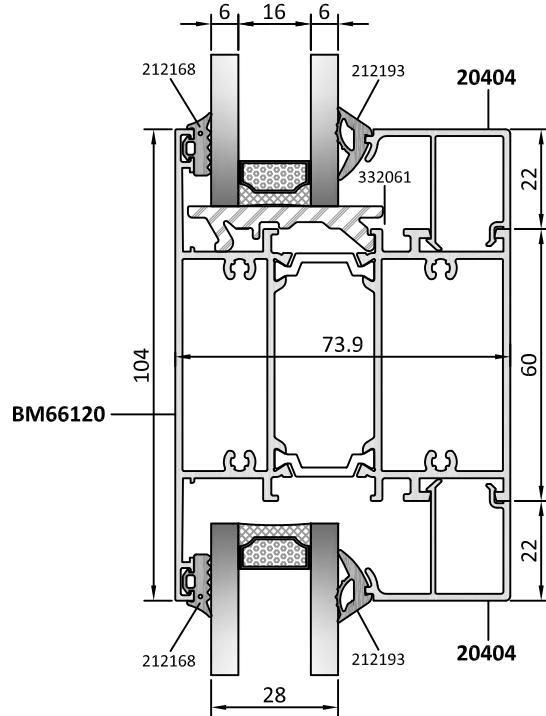
**İÇE AÇILIR KAPI**  
INWARD OPENING DOOR



**DIŞA AÇILIR KAPI**  
OUTWARD OPENING DOOR

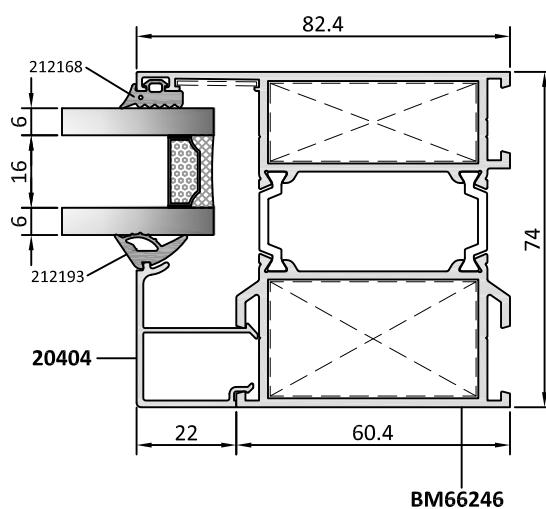


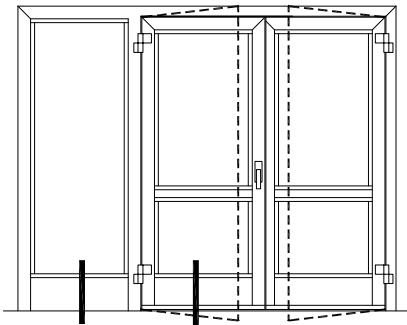
**İÇE VE DIŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS



**İÇE & DIŞA AÇILIR KAPILAR**  
INWARD & OUTWARD OPENING DOORS

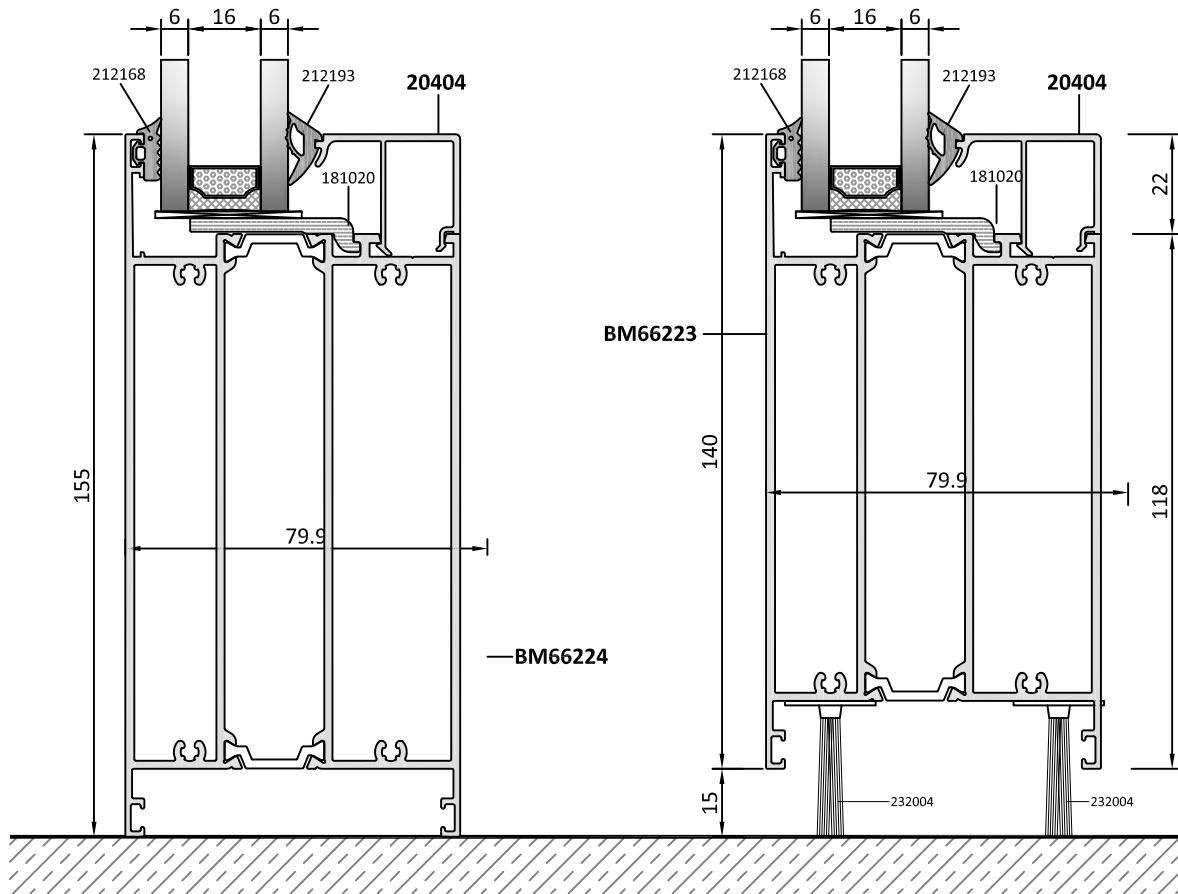
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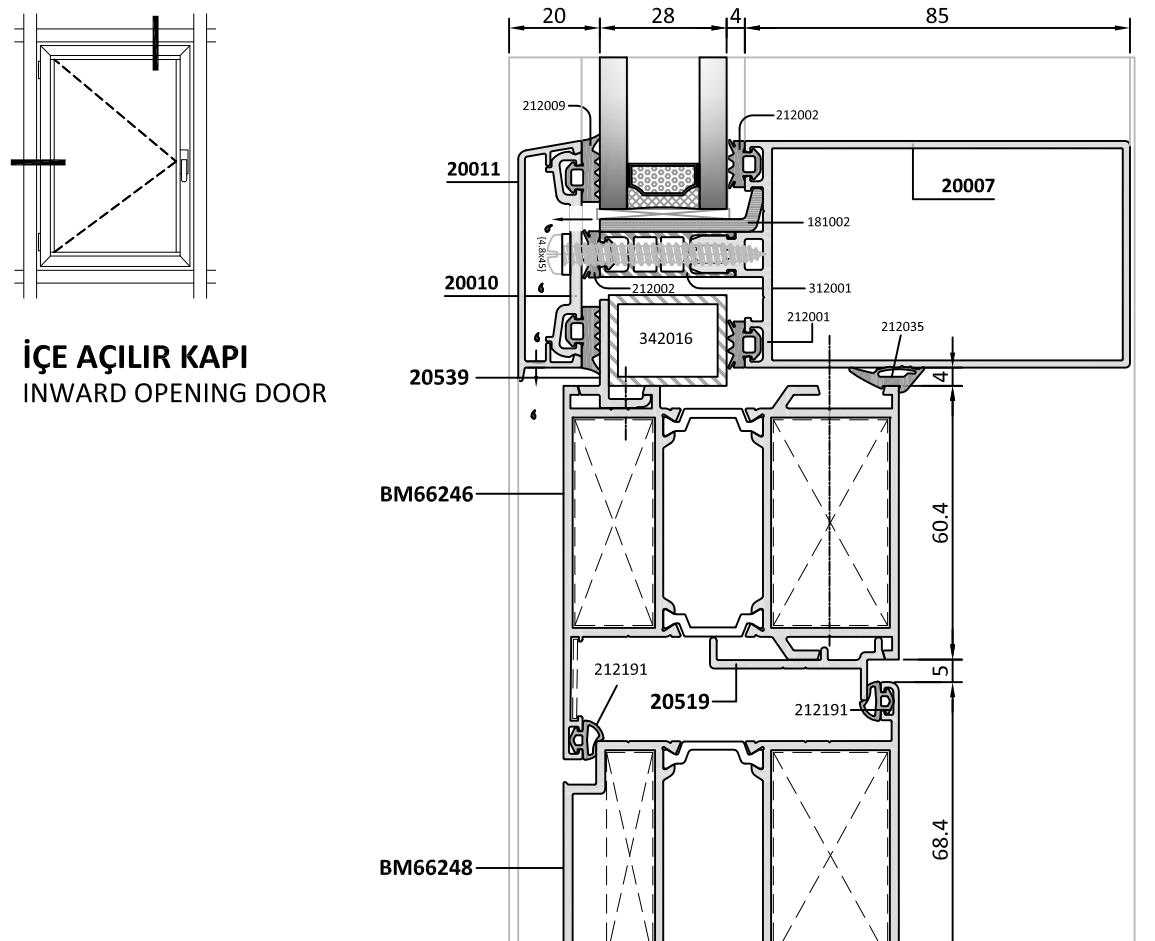
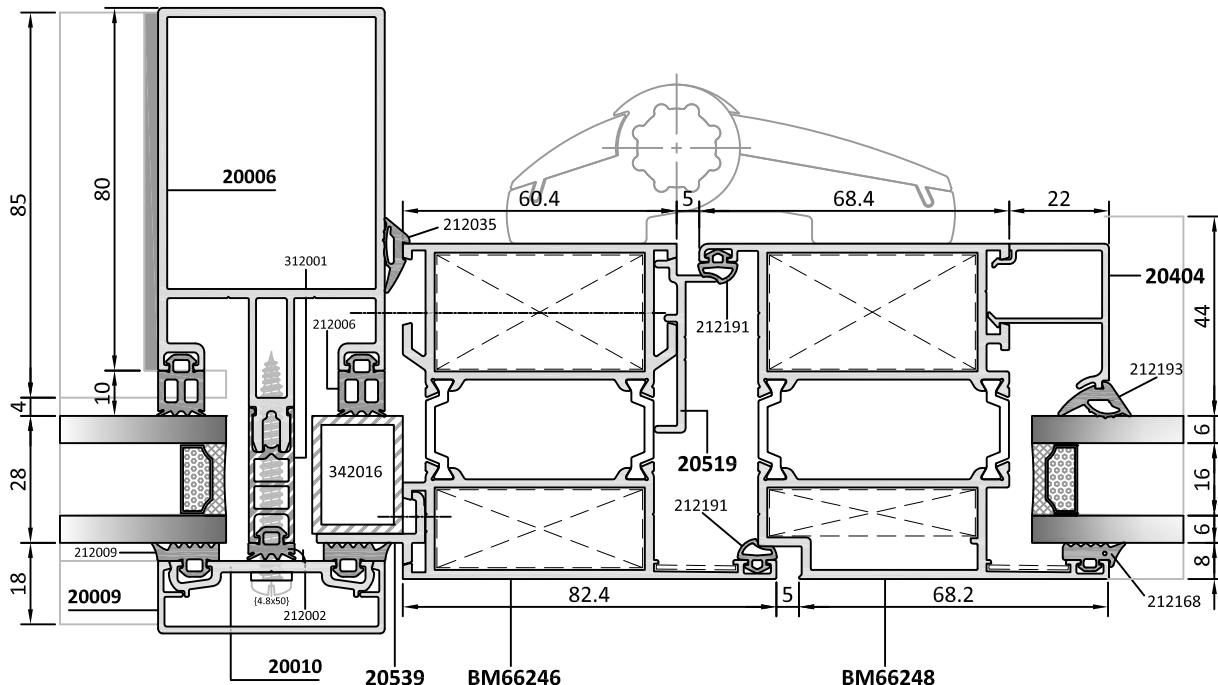


**İÇE VE DIŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS

**İÇE & DIŞA AÇILIR KAPILAR**  
INWARD & OUTWARD OPENING DOORS

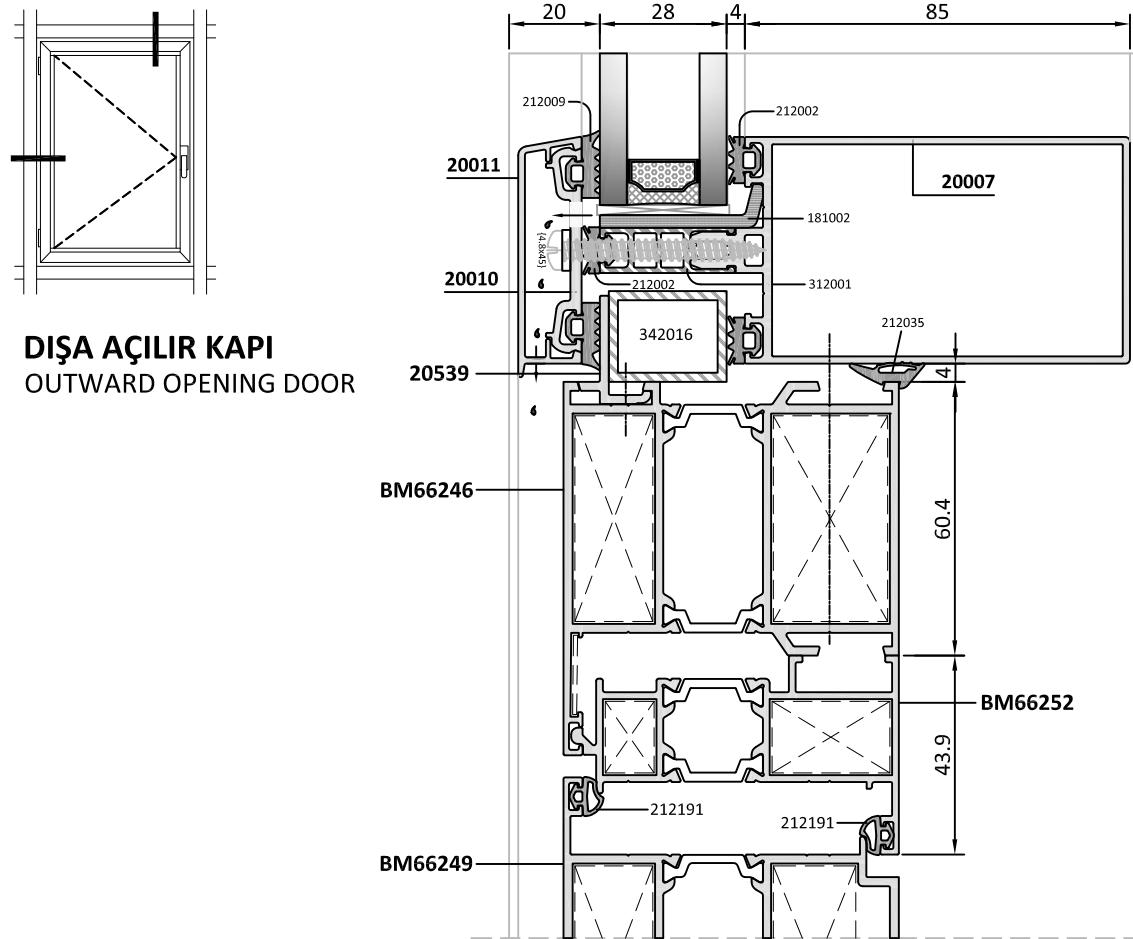
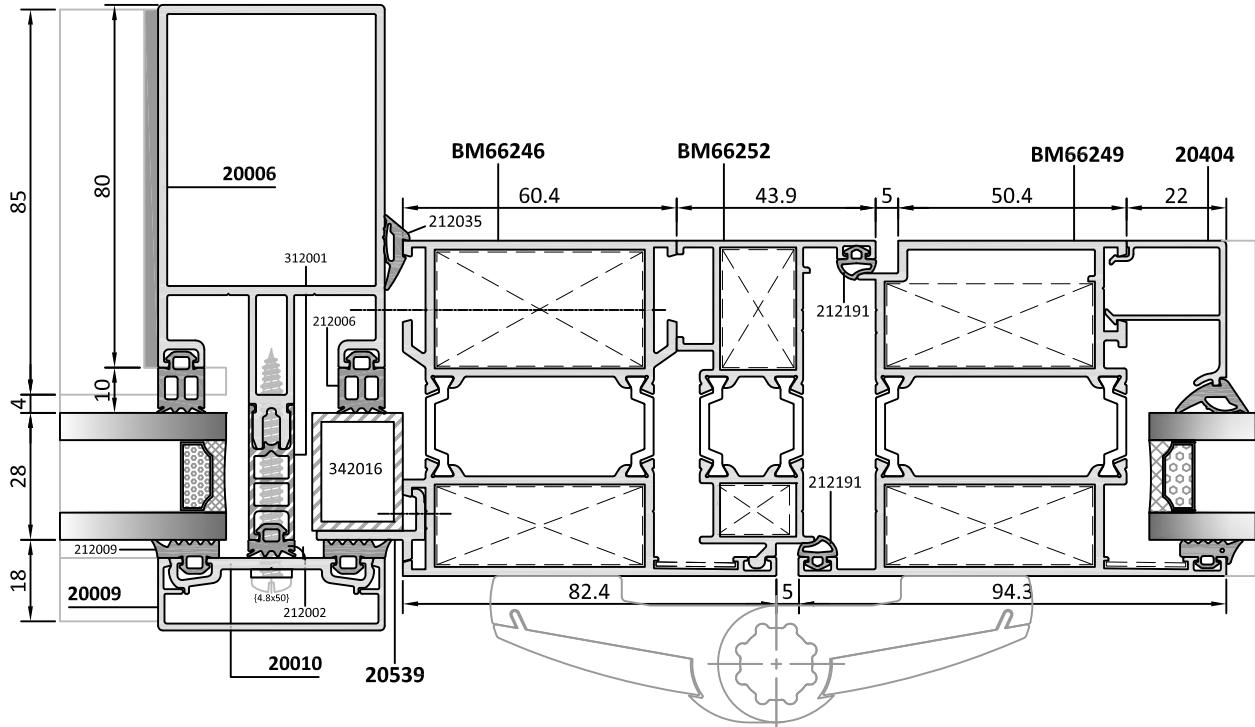


**KAPAKLI CEPHE İÇERİSİNDE İÇE AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD OPENING FLUSH DOOR IN CAPPED CURTAIN WALL DETAILS



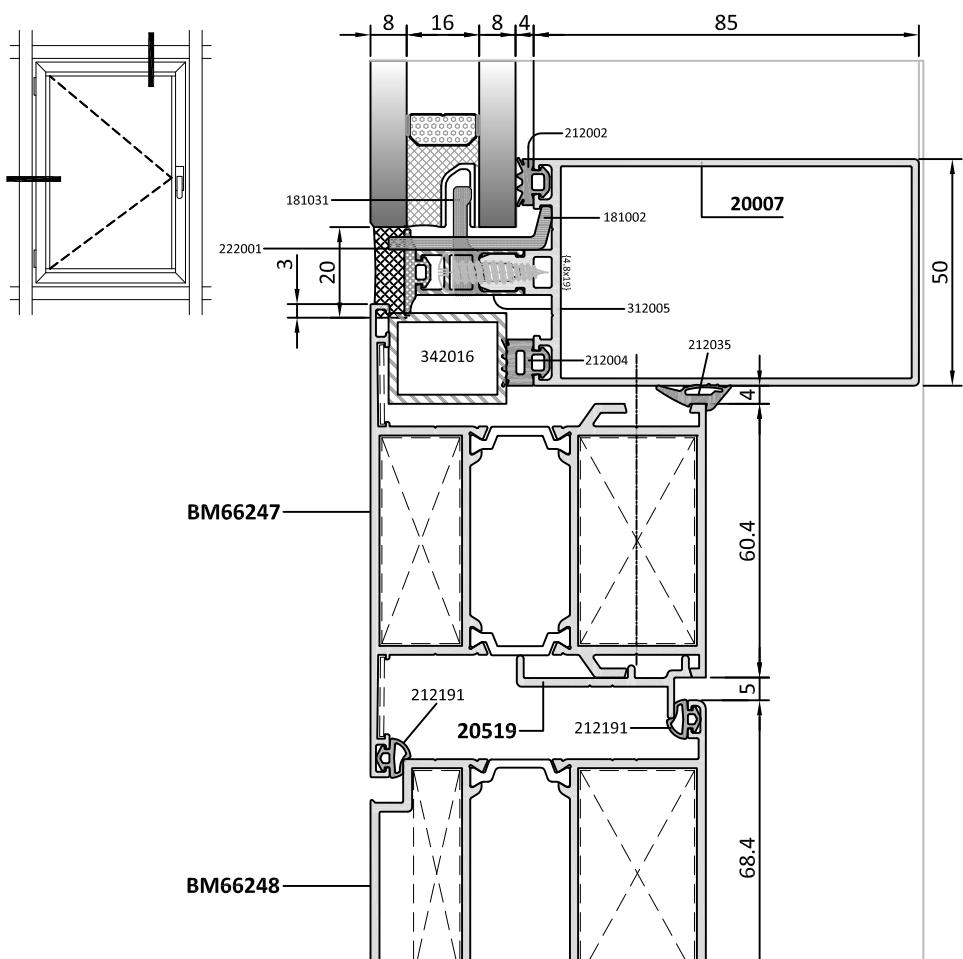
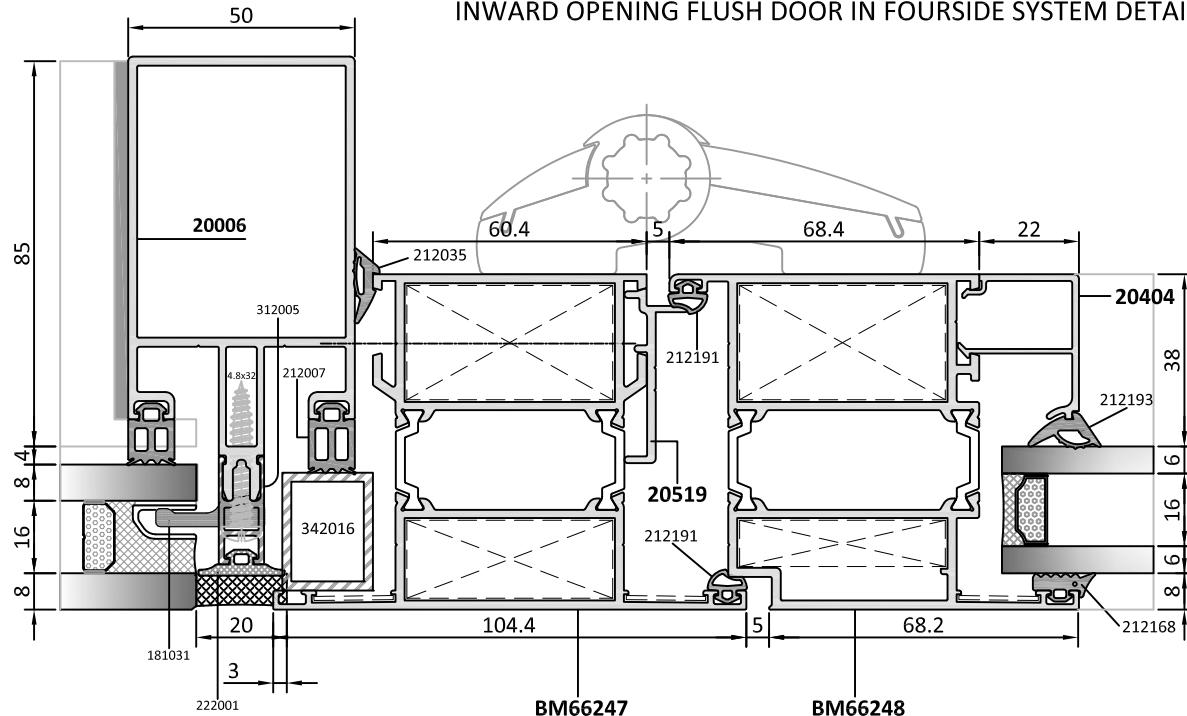
**İÇE AÇILIR KAPI**  
INWARD OPENING DOOR

**KAPAKLI CEPHE İÇERİSİNDE DİŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
OUTWARD OPENING FLUSH DOOR IN CAPPED CURTAIN WALL DETAILS



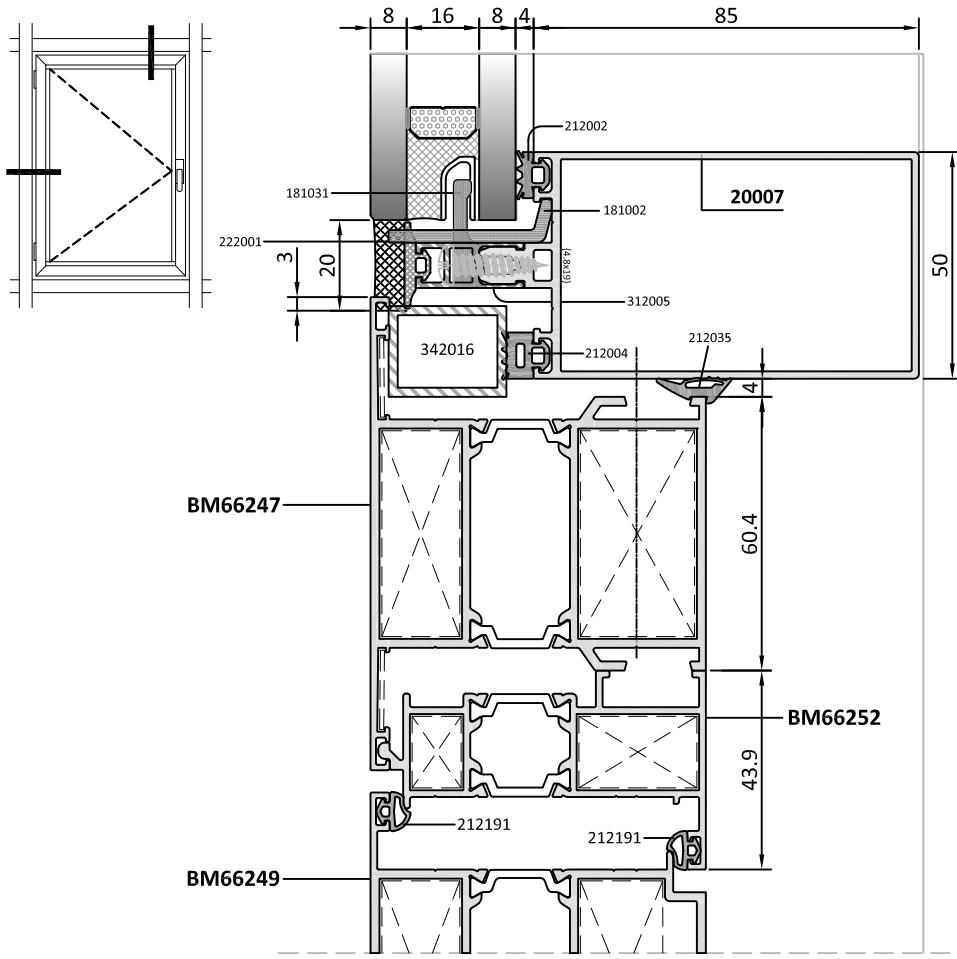
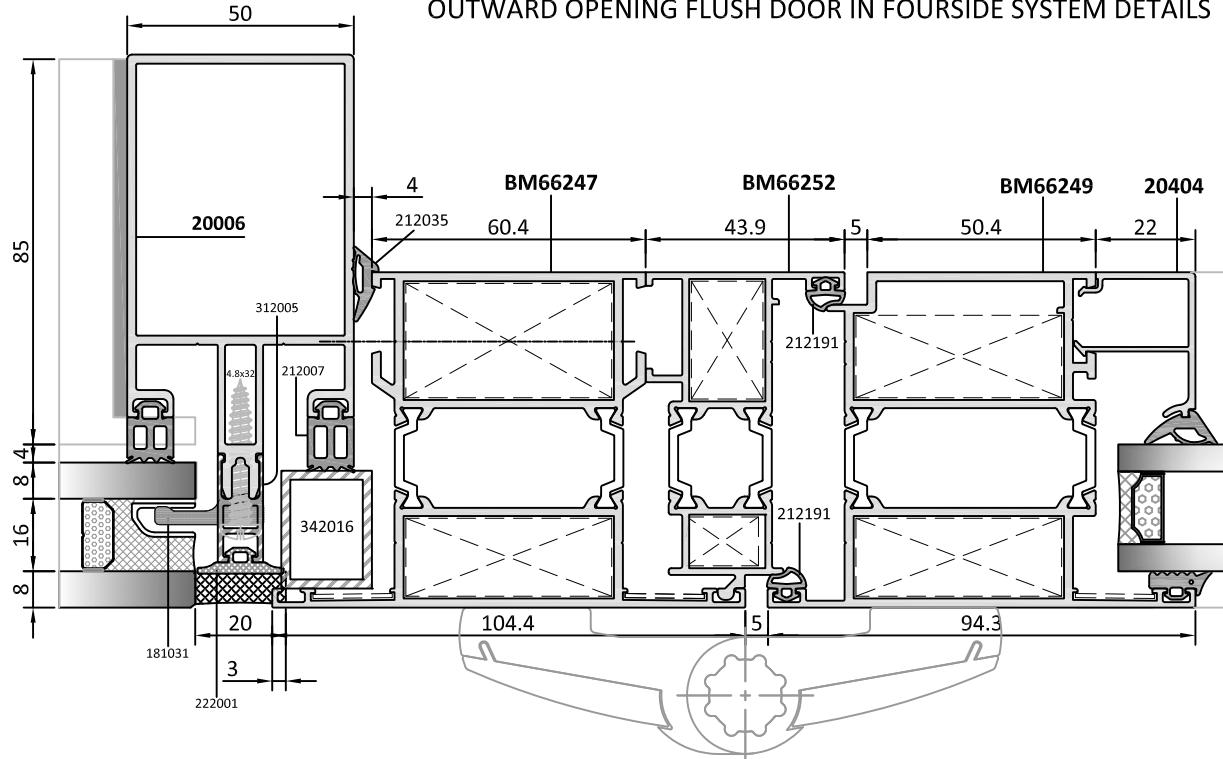
**DİŞA AÇILIR KAPI**  
OUTWARD OPENING DOOR

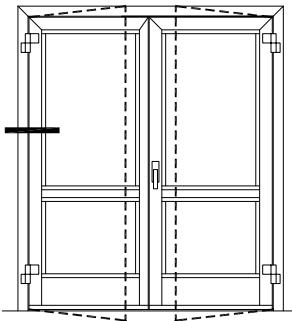
SİLİKON CEPHE İÇERİSİNDE İÇE AÇILIR HEMYÜZ KAPI DETAYLARI  
INWARD OPENING FLUSH DOOR IN FOURSIDE SYSTEM DETAILS



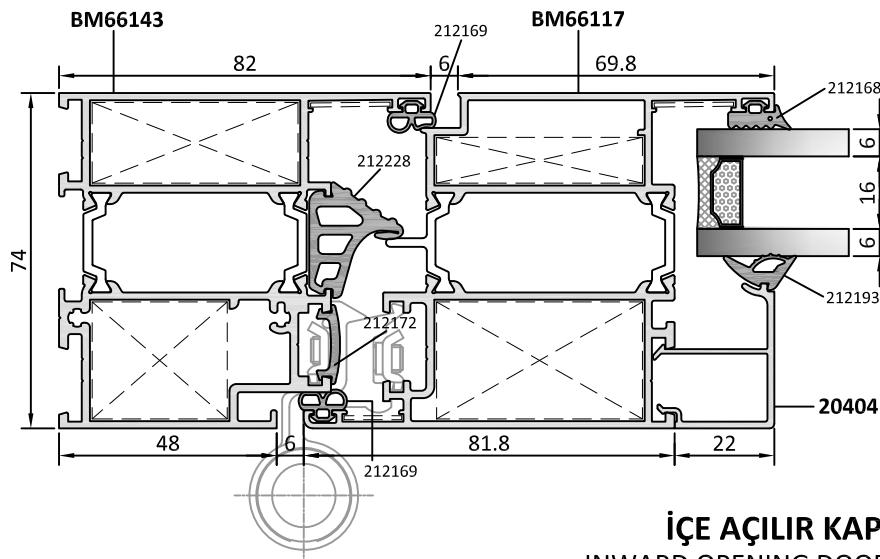
**SİLİKON CEPHE İÇERİSİNDE DİŞA AÇILIR HEMYÜZ KAPI DETAYLARI**

OUTWARD OPENING FLUSH DOOR IN FOURSIDE SYSTEM DETAILS

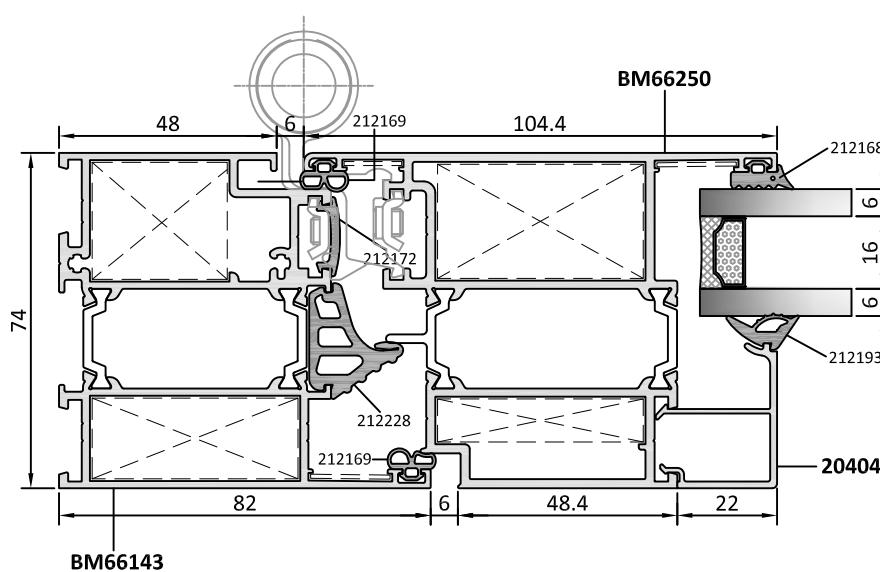




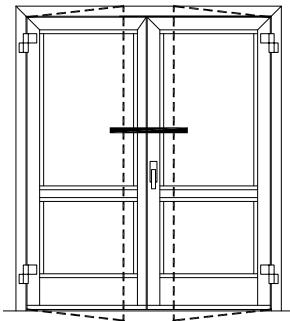
**İÇE VE DIŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS



**İÇE AÇILIR KAPI**  
INWARD OPENING DOOR

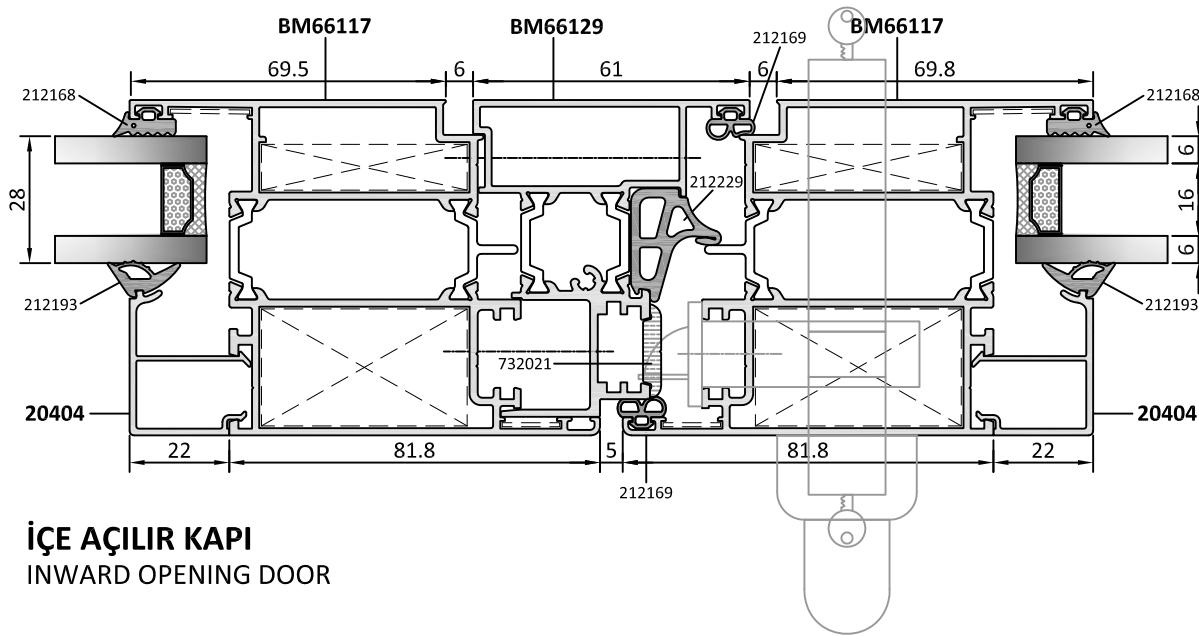


**DIŞA AÇILIR KAPI**  
OUTWARD OPENING DOOR



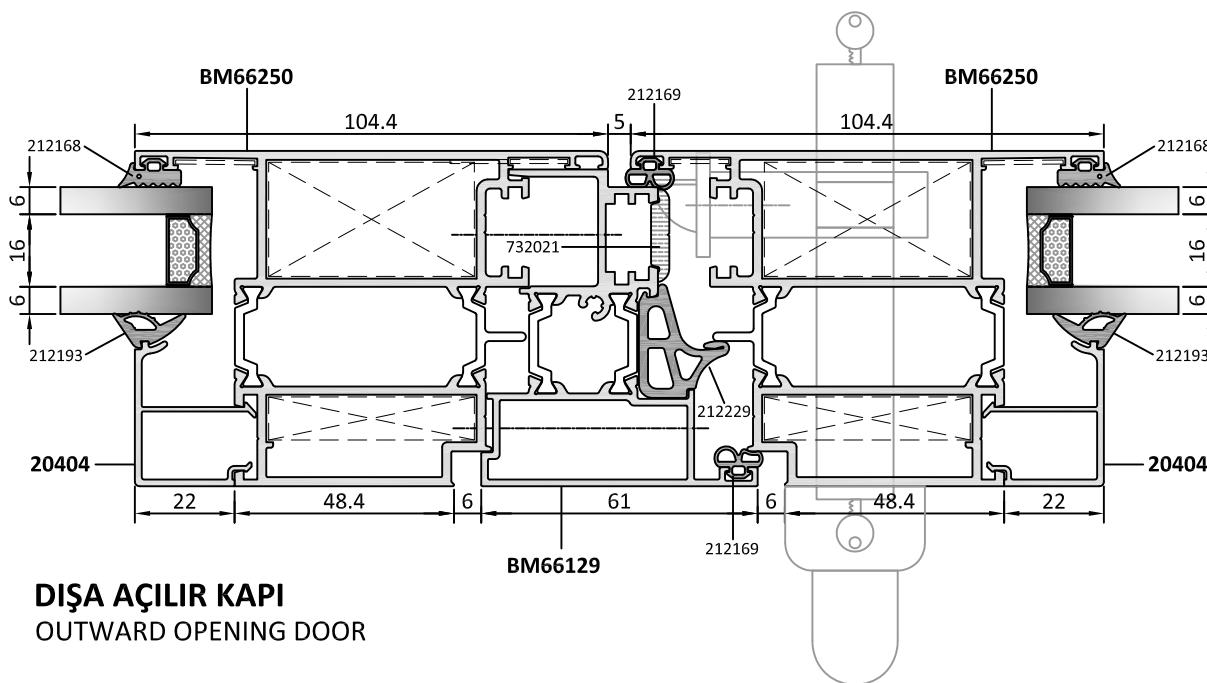
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### **INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS**



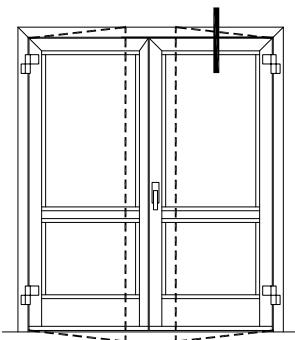
**İÇE AÇILIR KAPI**  
INWARD OPENING DOOR

94

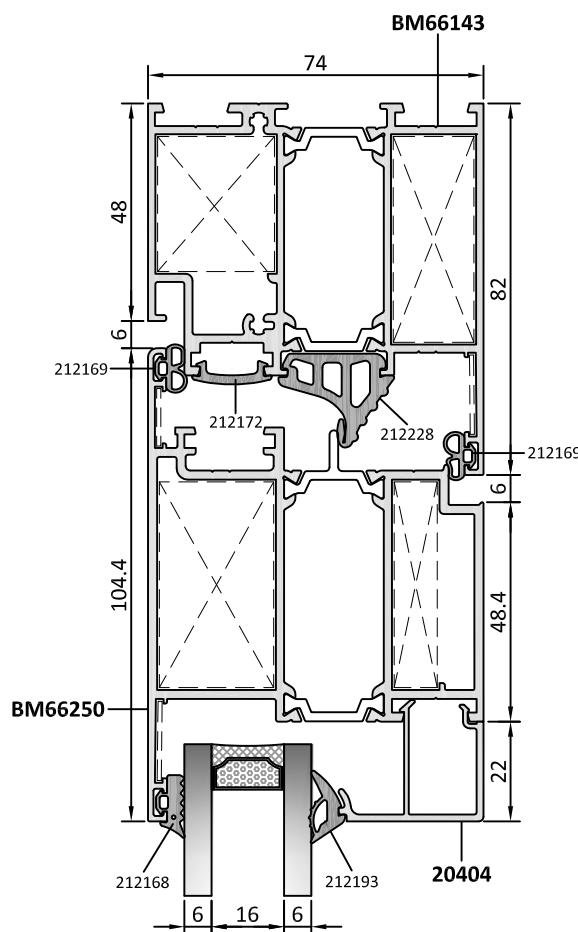
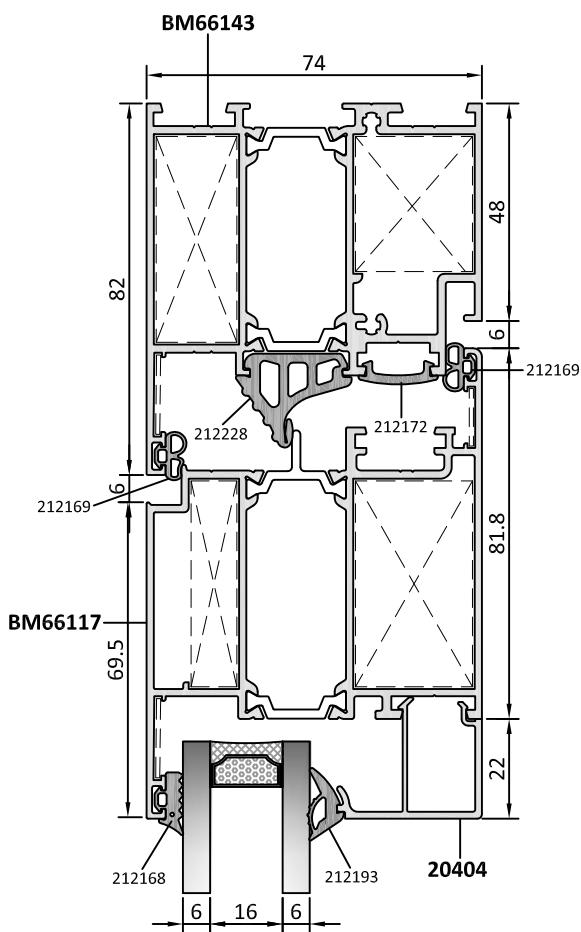


## **DIŞA AÇILIR KAPI**

### OUTWARD OPENING DOOR



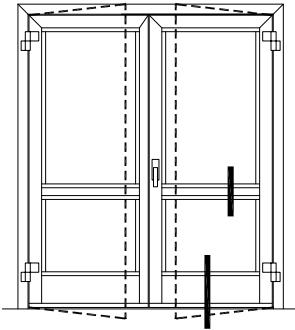
**İÇE VE DIŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS



95

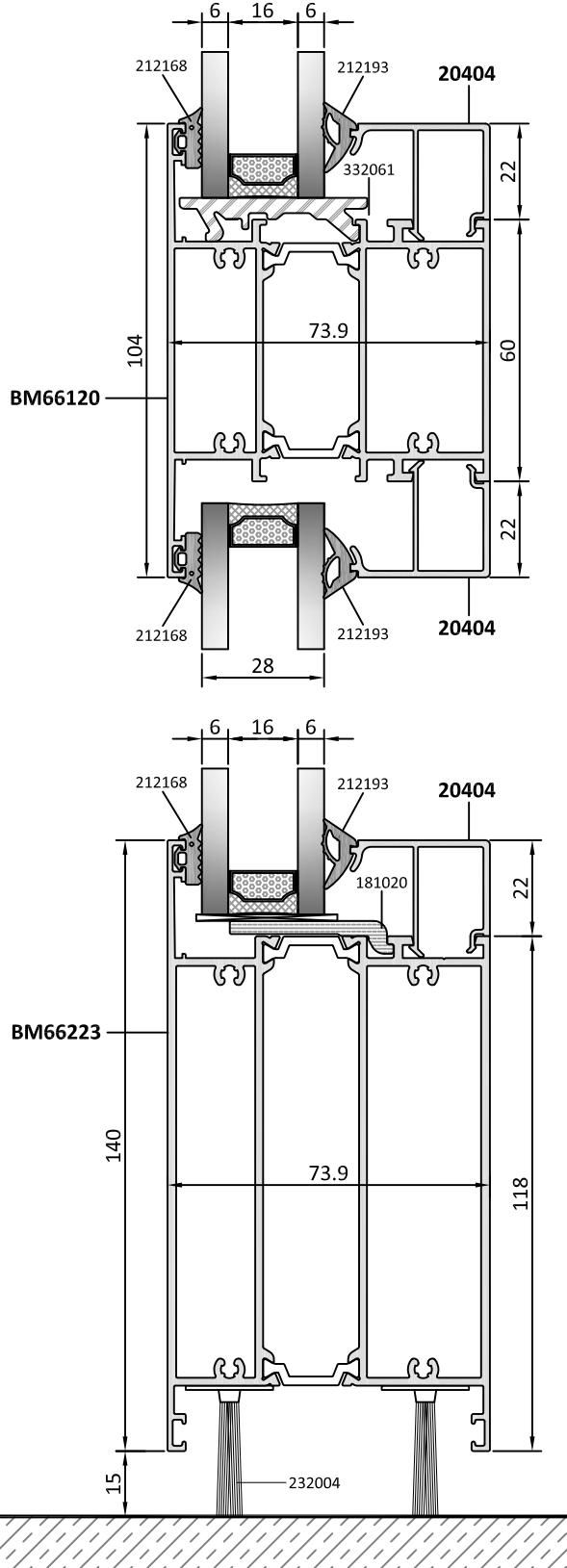
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INWARD OPENING DOOR

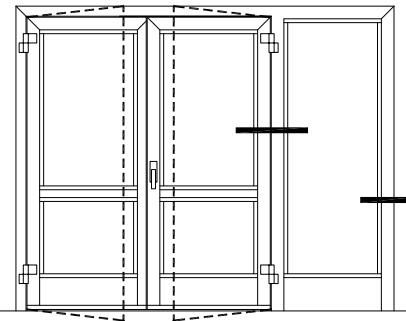
**DIŞA AÇILIR KAPI**  
OUTWARD OPENING DOOR



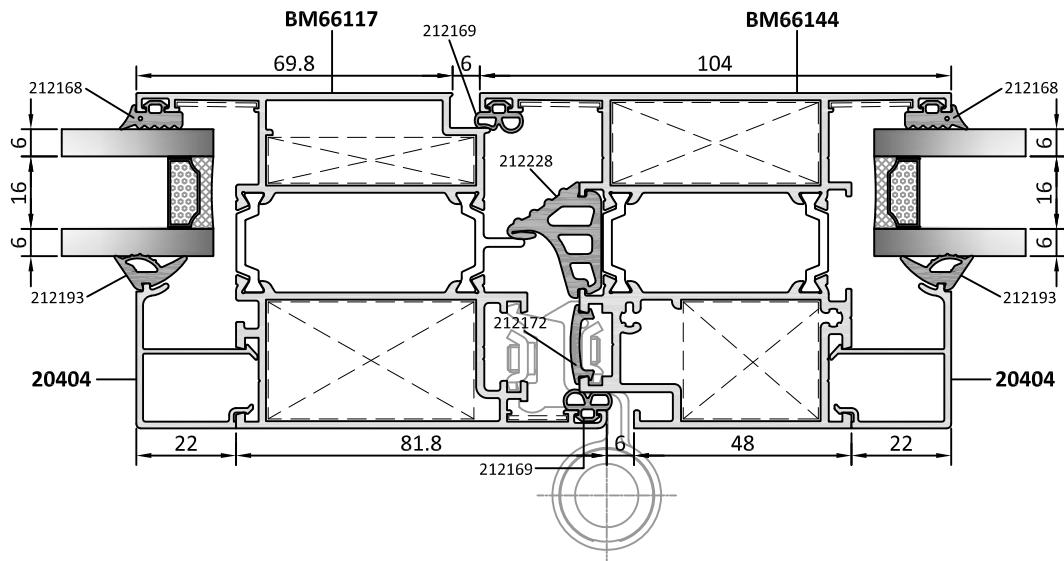
**İÇE VE DIŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD AND OUTWARD OPENING FLUSH DOOR DETAILS

**İÇE & DIŞA AÇILIR KAPILAR**  
INWARD & OUTWARD OPENING DOORS

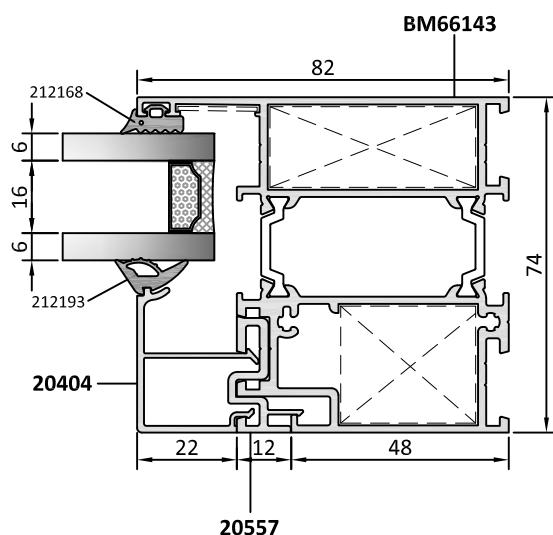




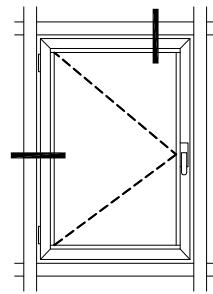
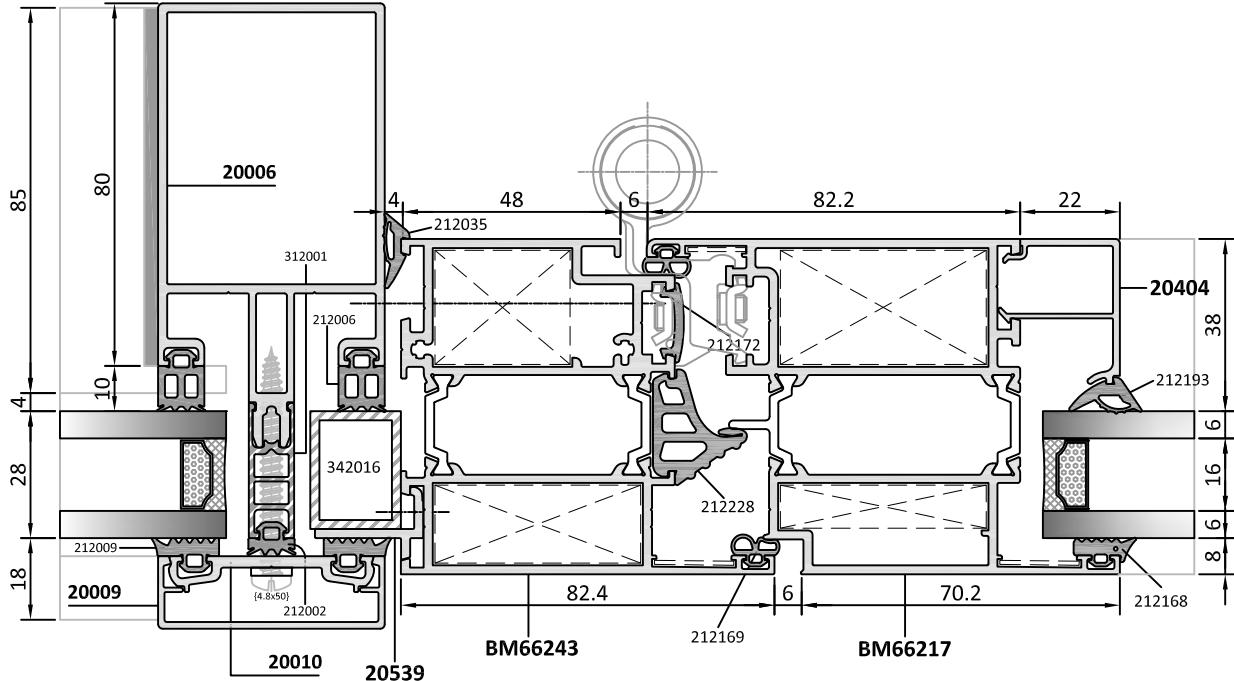
**İÇE AÇILIR HEMYÜZ KAPI DETAYLARI**  
INWARD OPENING FLUSH DOOR DETAILS



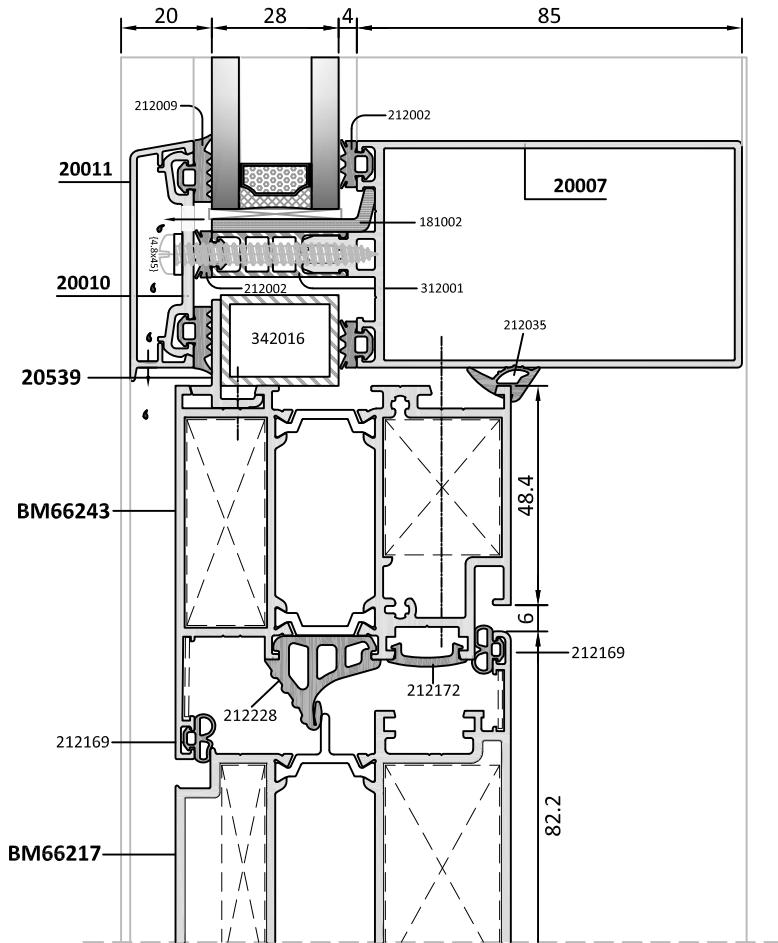
**İÇE AÇILIR KAPI**  
INWARD OPENING DOOR



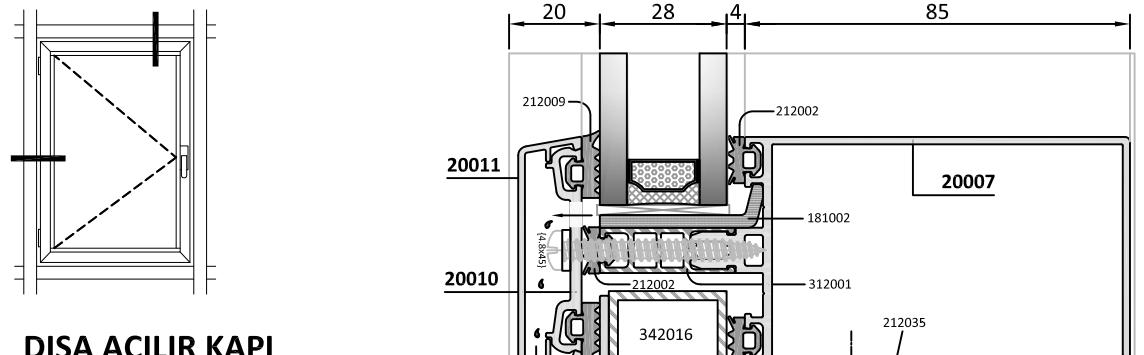
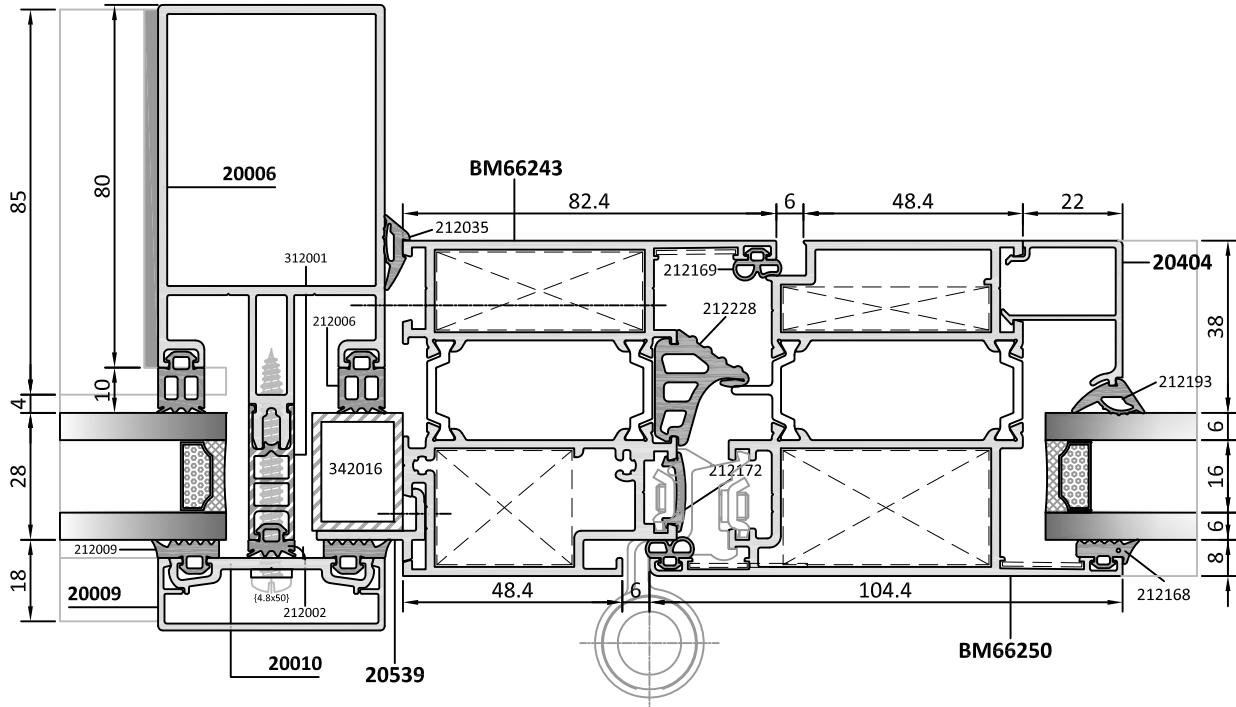
**KAPAKLI CEPHE İÇERİSİNDE İÇE AÇILIR HEMYÜZ KAPI DETAYLARI**  
 INWARD OPENING FLUSH DOOR IN CAPPED CURTAIN WALL DETAILS



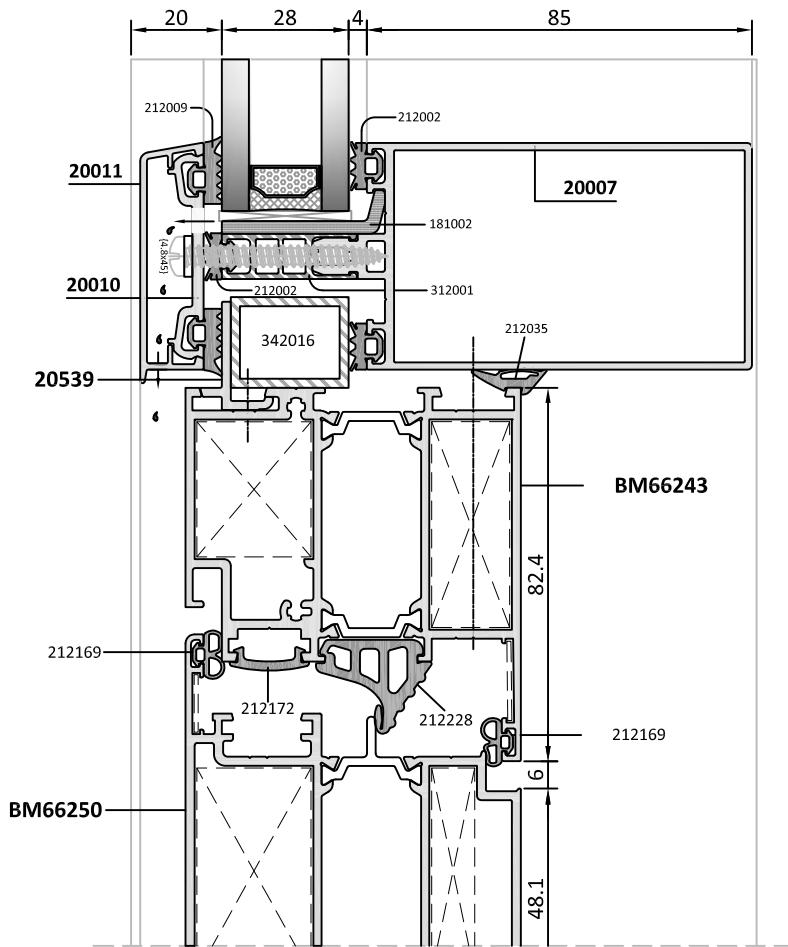
**İÇE AÇILIR KAPI**  
 INWARD OPENING DOOR



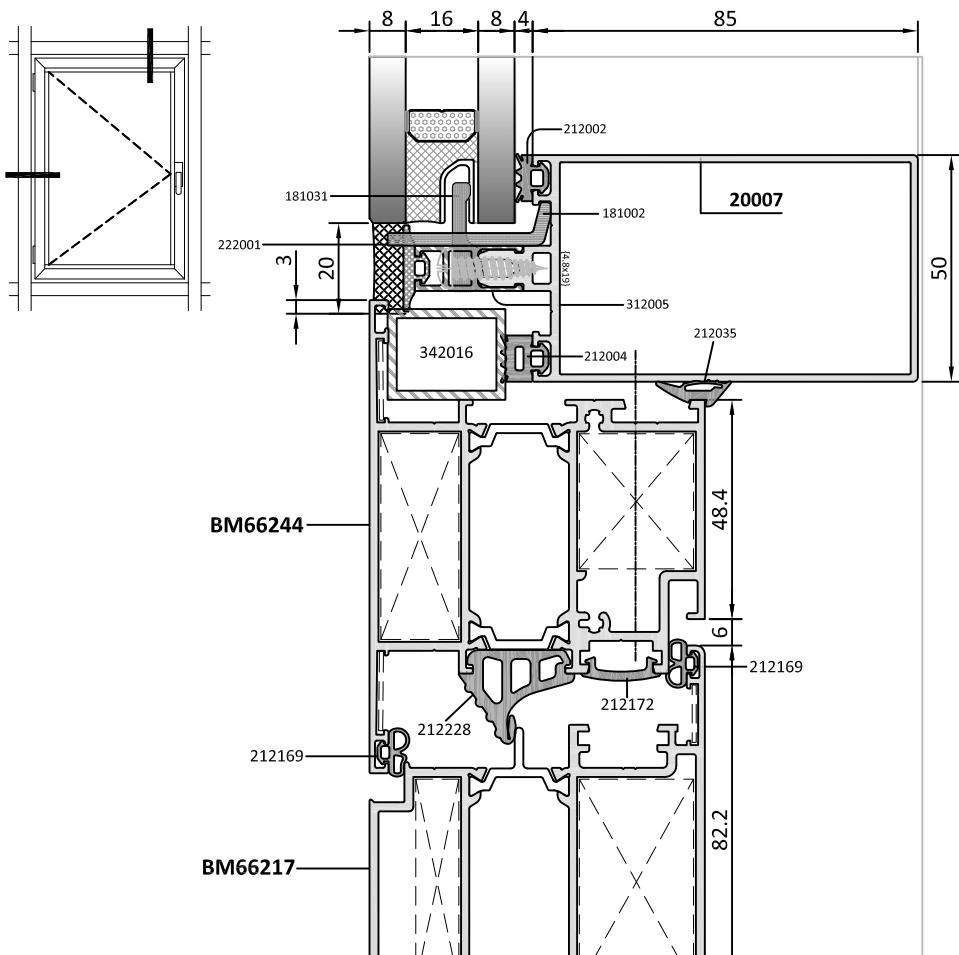
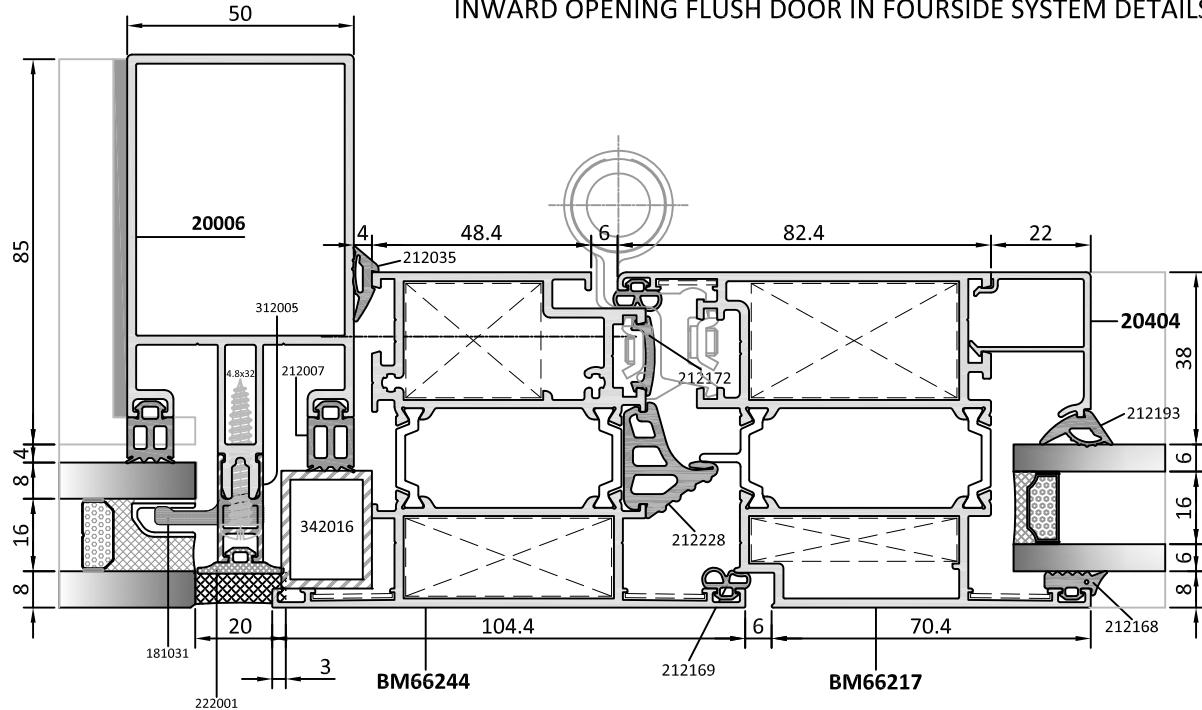
**KAPAKLI CEPHE İÇERİSİNDE DİŞA AÇILIR HEMYÜZ KAPI DETAYLARI**  
OUTWARD OPENING FLUSH DOOR IN CAPPED CURTAIN WALL DETAILS



**DİŞA AÇILIR KAPI**  
OUTWARD OPENING DOOR



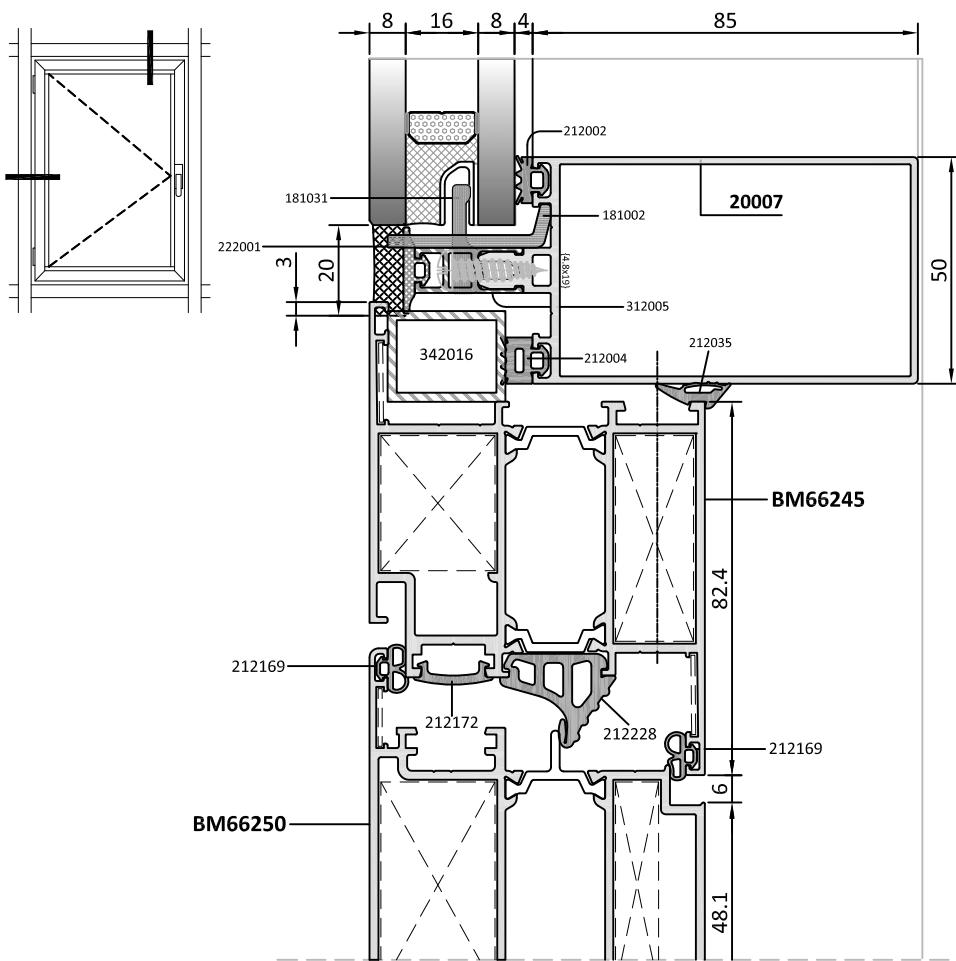
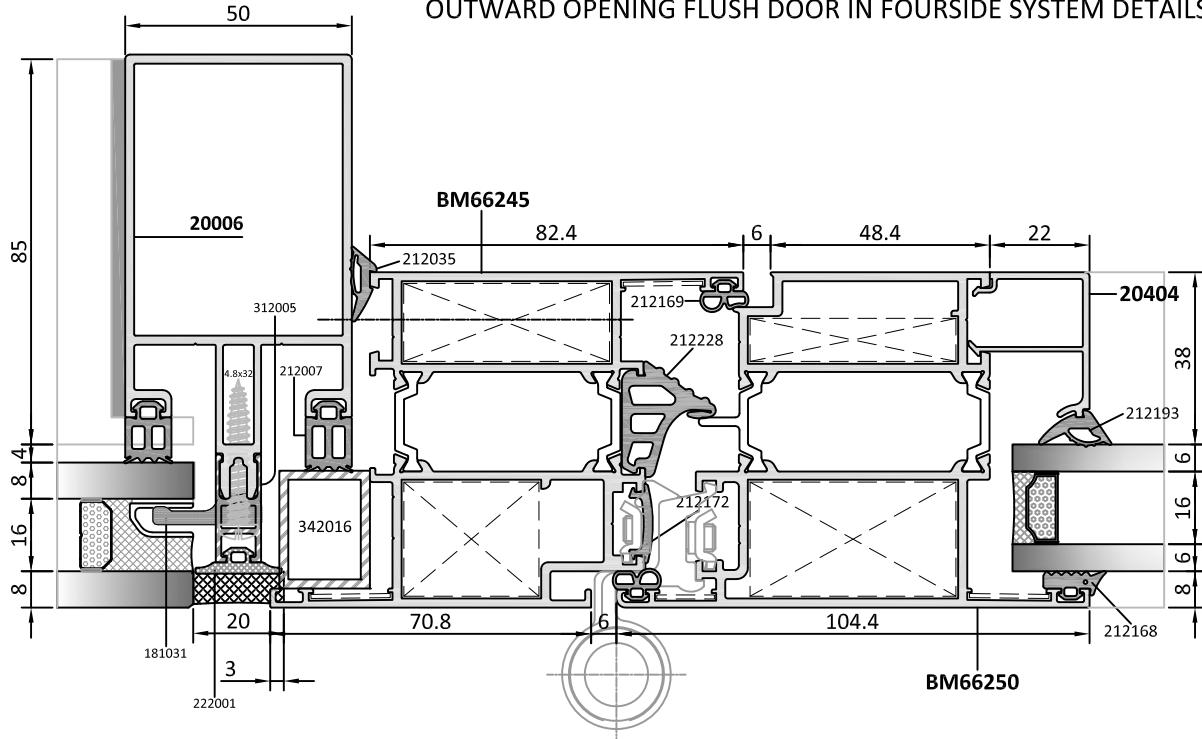
**SİLİKON CEPHE İÇERİSİNDE İÇE AÇILIR HEMYÜZ KAPI DETAYLARI**  
**INWARD OPENING FLUSH DOOR IN FOURSIDE SYSTEM DETAILS**

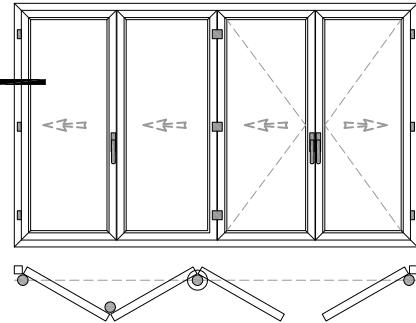


 **burak**  
alüminyum

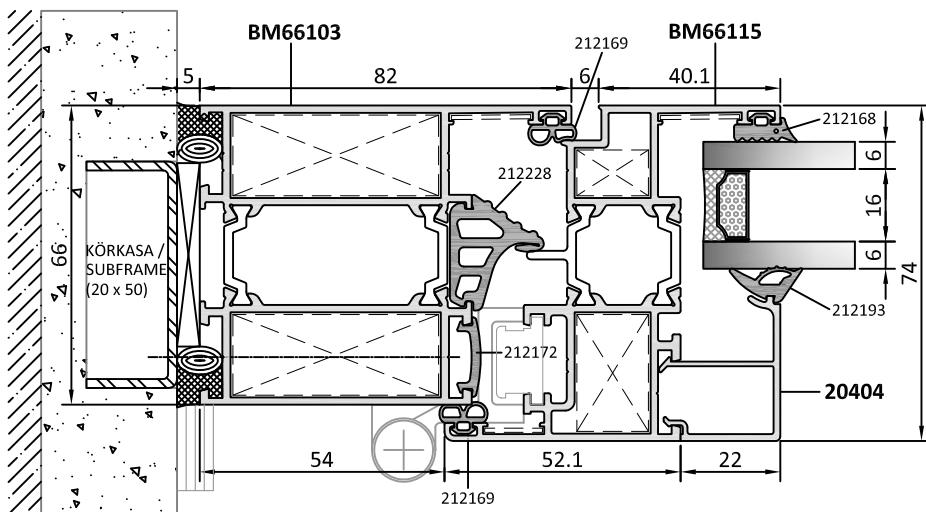
## SİLİKON CEPHE İÇERİSİNDE DIŞA AÇILIR HEMYÜZ KAPI DETAYLARI

OUTWARD OPENING FLUSH DOOR IN FOURSIDE SYSTEM DETAILS



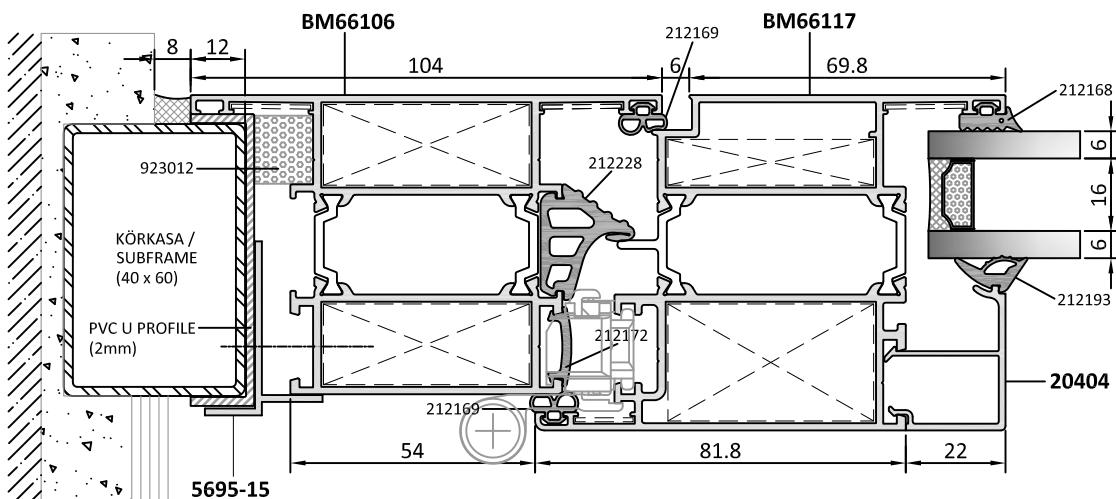


**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

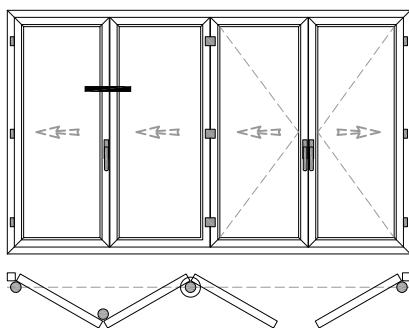


**KATLANIR KAPI TIP 1**  
FOLDING DOOR TYPE 1

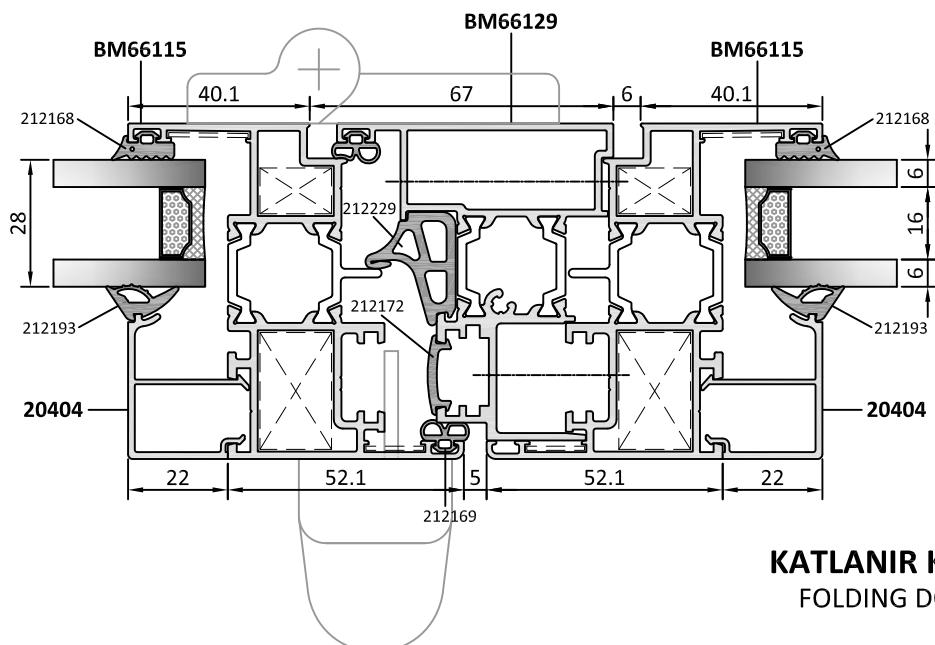
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**KATLANIR KAPI TIP 2**  
FOLDING DOOR TYPE 2

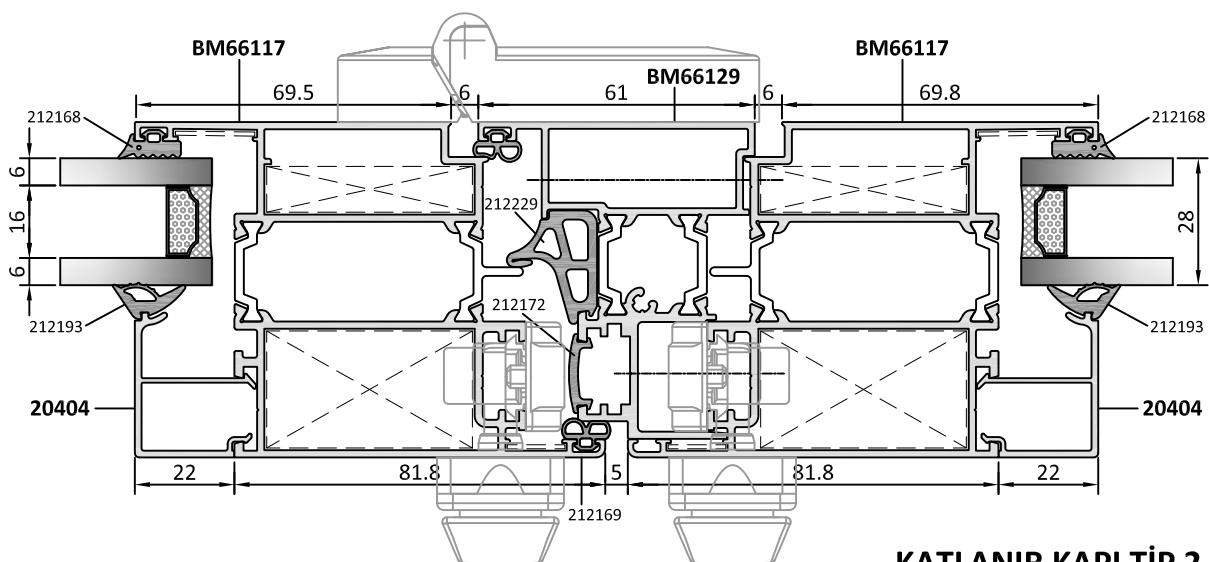


**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

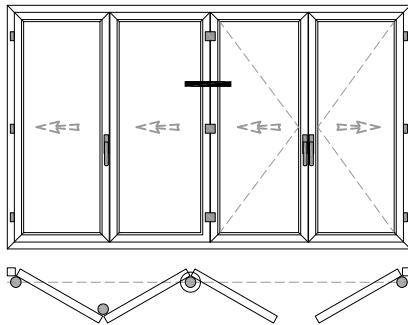


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FOLDING DOOR TYPE 1

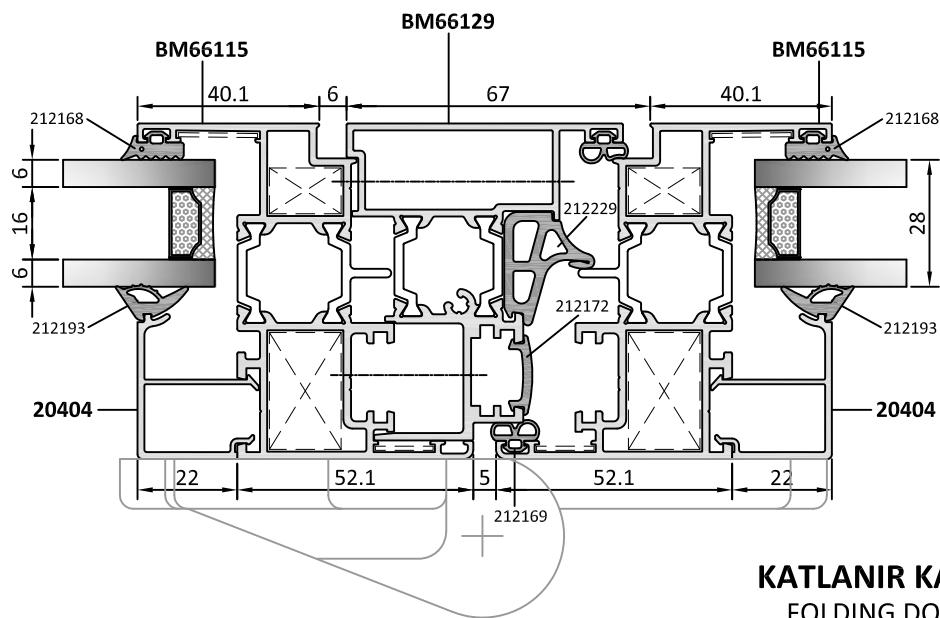
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**KATLANIR KAPI TIP 2**  
FOLDING DOOR TYPE 2

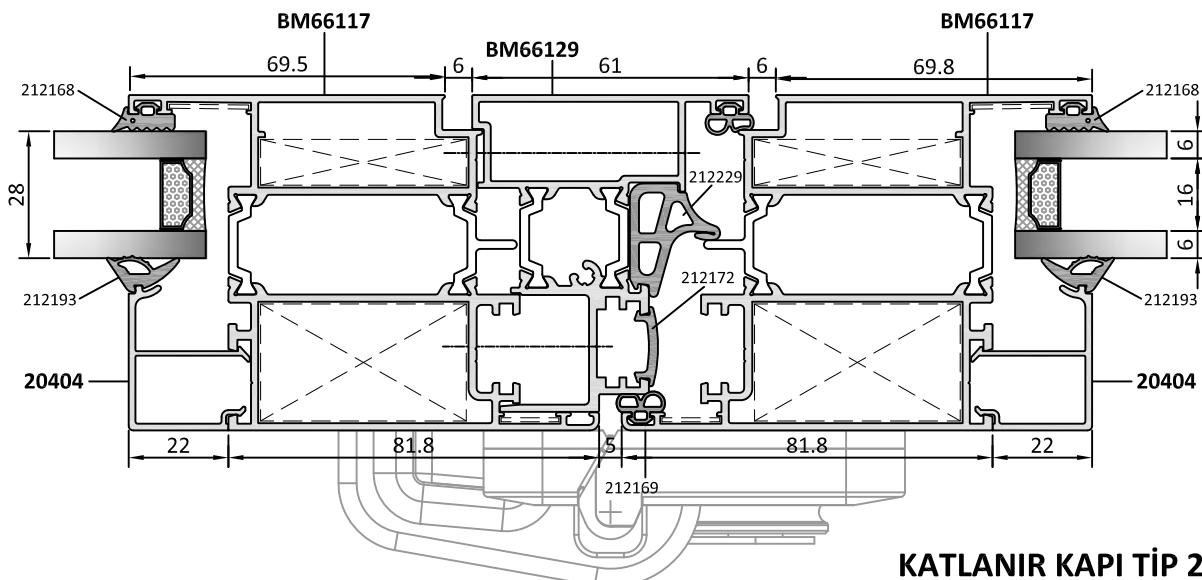


**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

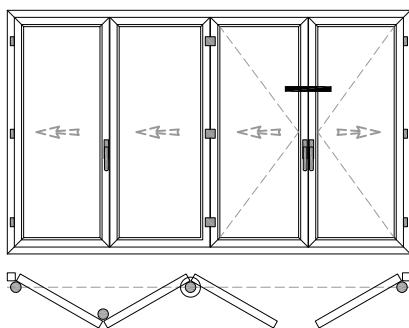


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FOLDING DOOR TYPE 1

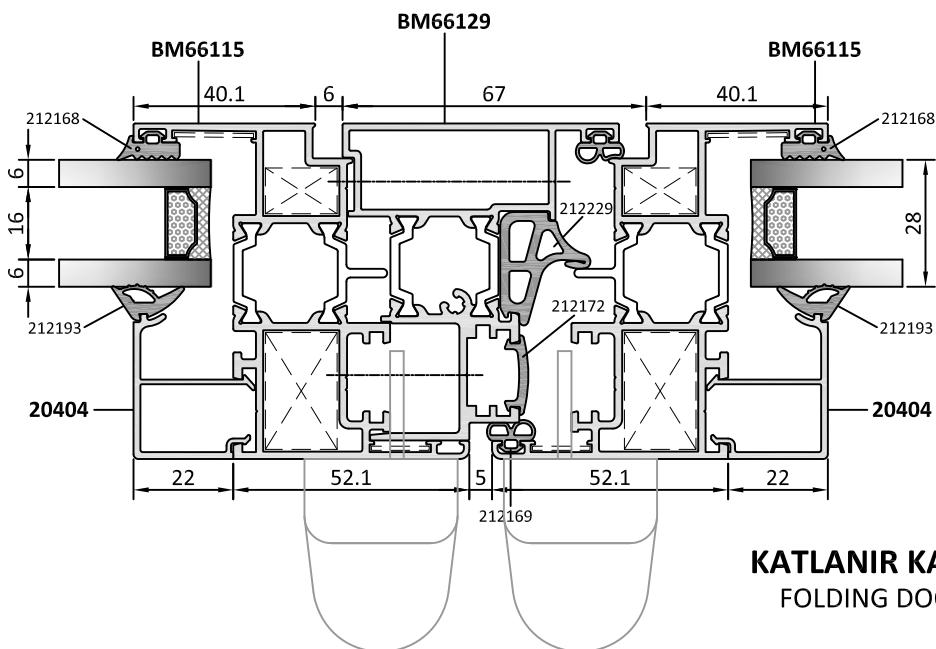
104



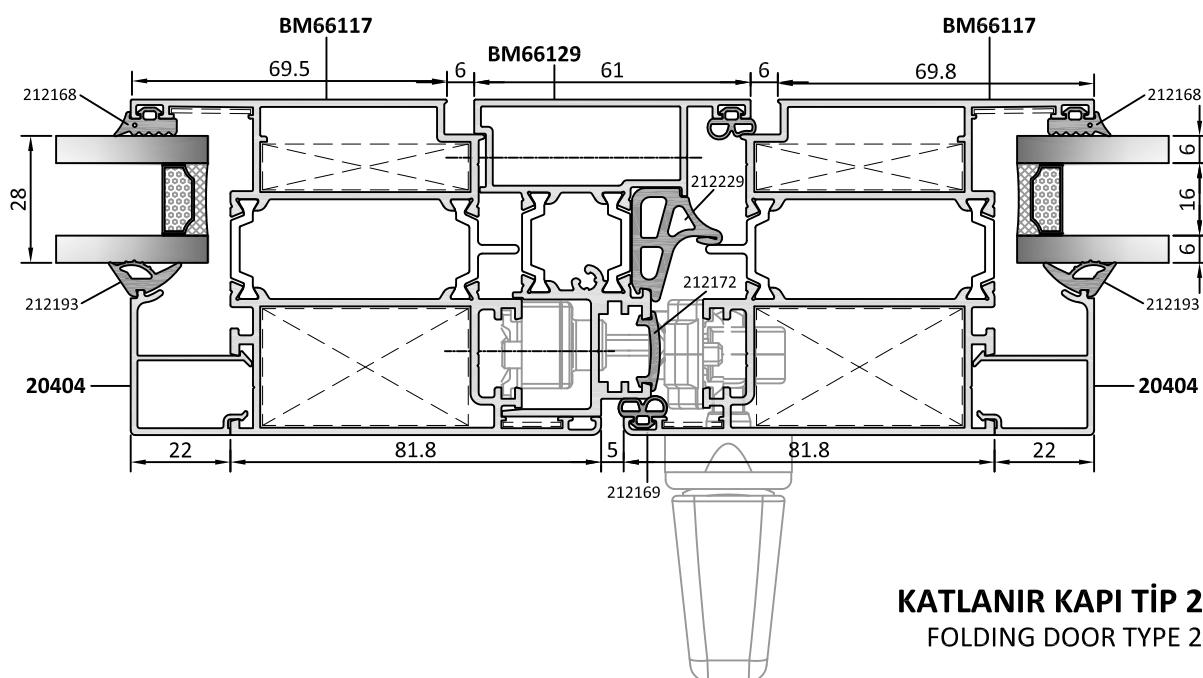
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FOLDING DOOR TYPE 2



**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS



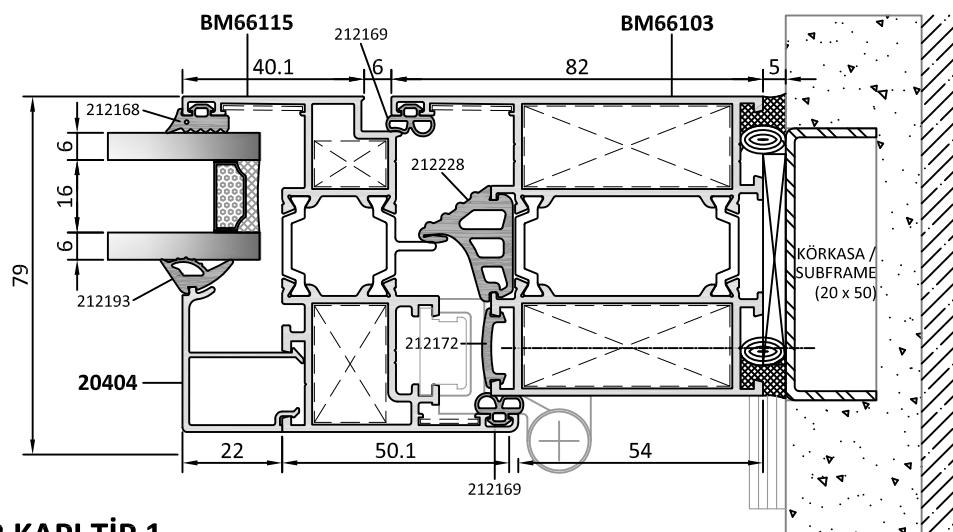
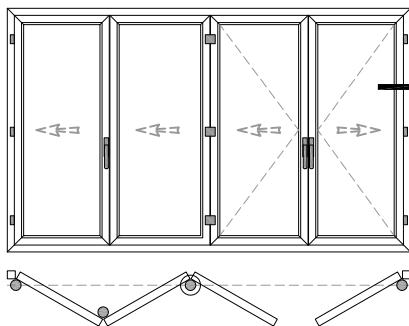
**KATLANIR KAPI TİP 1**  
FOLDING DOOR TYPE 1



**KATLANIR KAPI TİP 2**  
FOLDING DOOR TYPE 2

# KATLANIR KAPI DETAYLARI

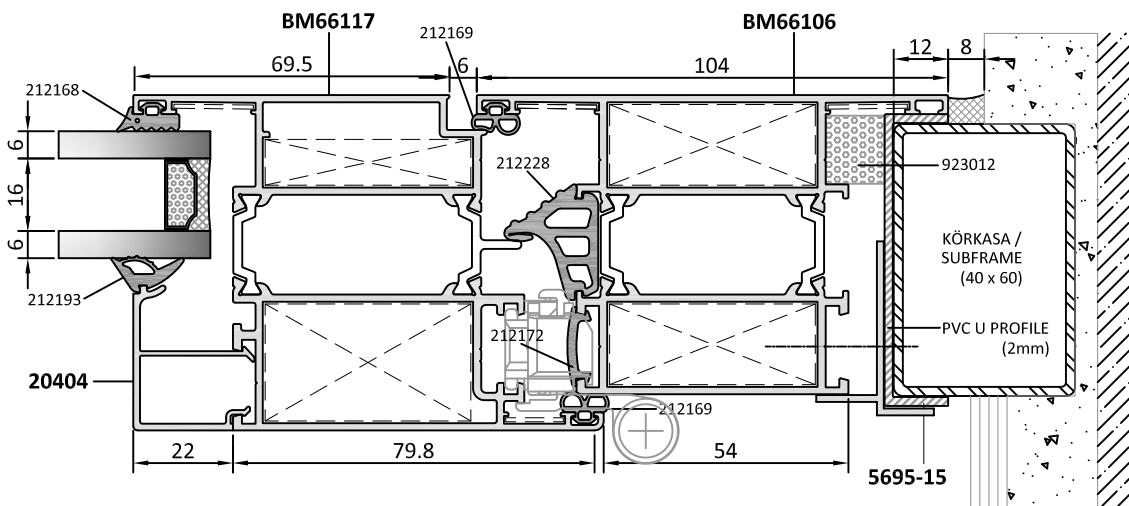
## FOLDING DOOR DETAILS



# KATLANIR KAPI TİP 1

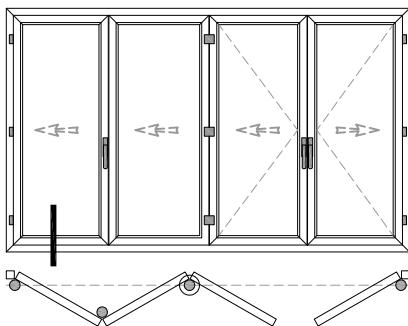
## FOLDING DOOR TYPE 1

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## KATLANIR KAPI TİP 2

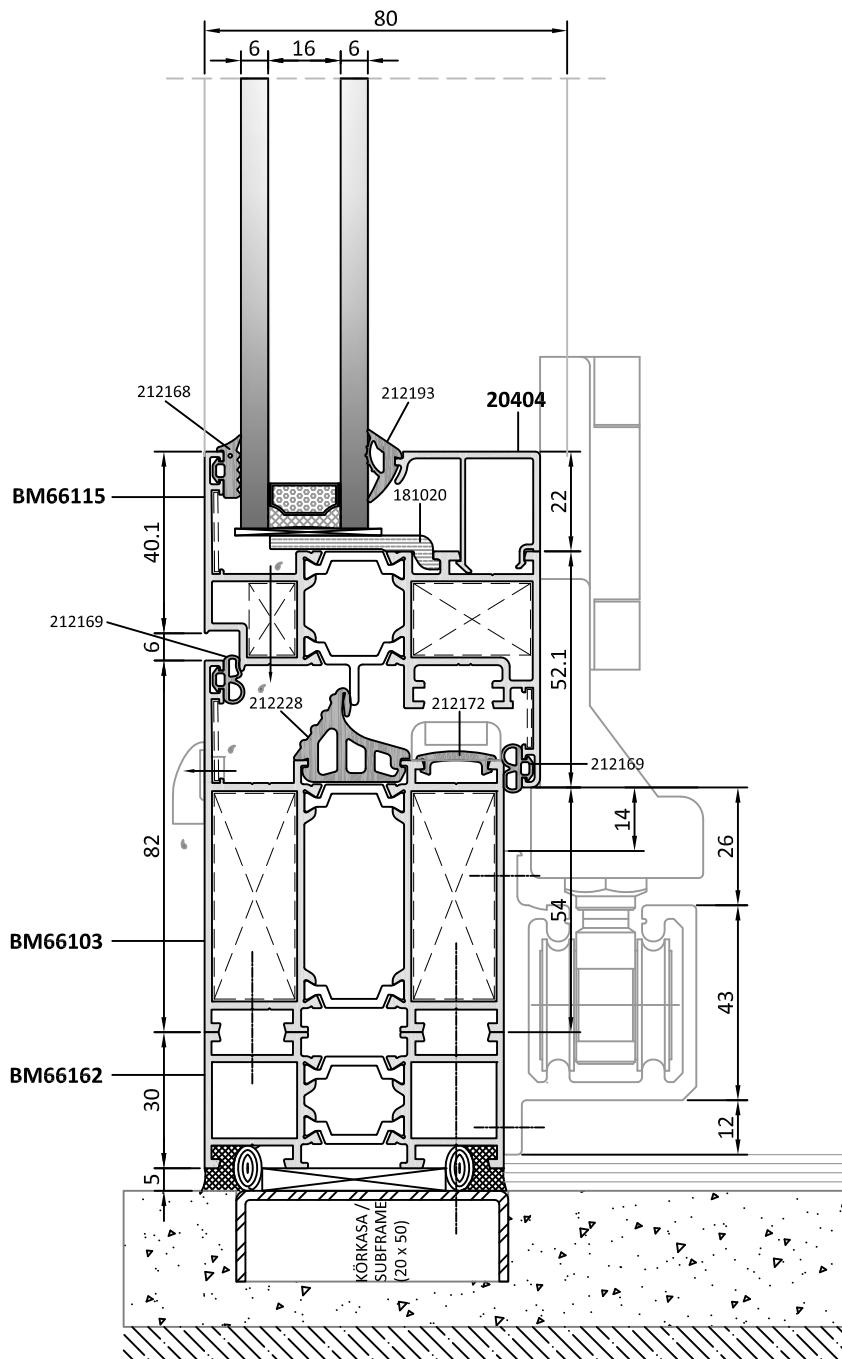
### FOLDING DOOR TYPE 2



**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

**ALTTAN RAYLI SİSTEM DETAYI**  
DETAIL OF THE BOTTOM RAIL OPTION

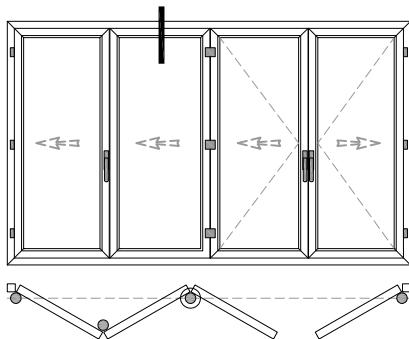
**KATLANIR KAPI TİP 1**  
FOLDING DOOR TYPE 1



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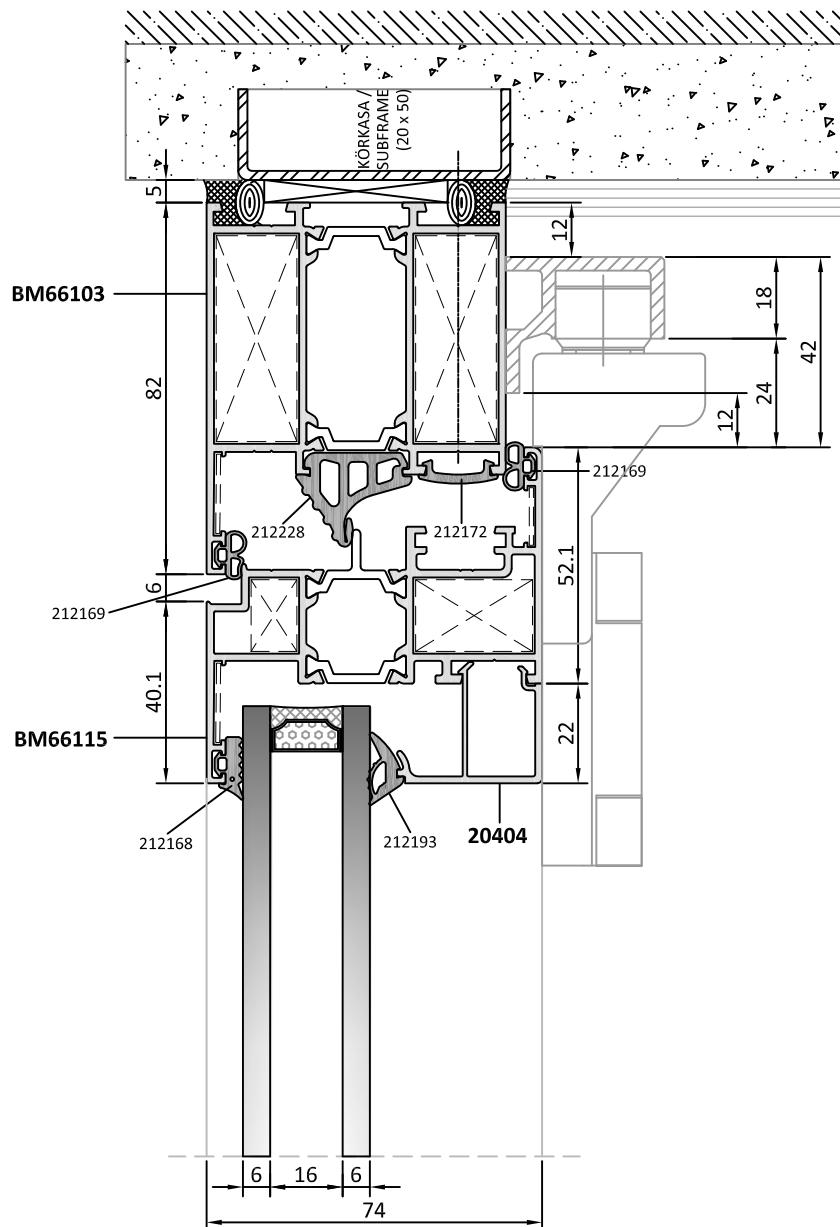
 **burak**  
alüminyum

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**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

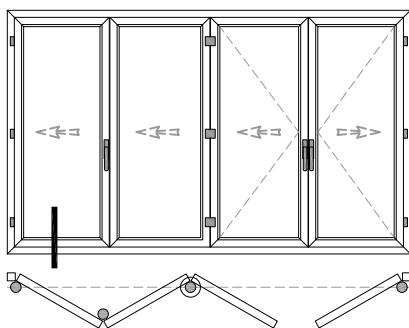
**ALTTAN RAYLI SİSTEM DETAYI**  
DETAIL OF THE BOTTOM RAIL OPTION



**KATLANIR KAPI TİP 1**  
FOLDING DOOR TYPE 1

 **burak**  
alüminyum

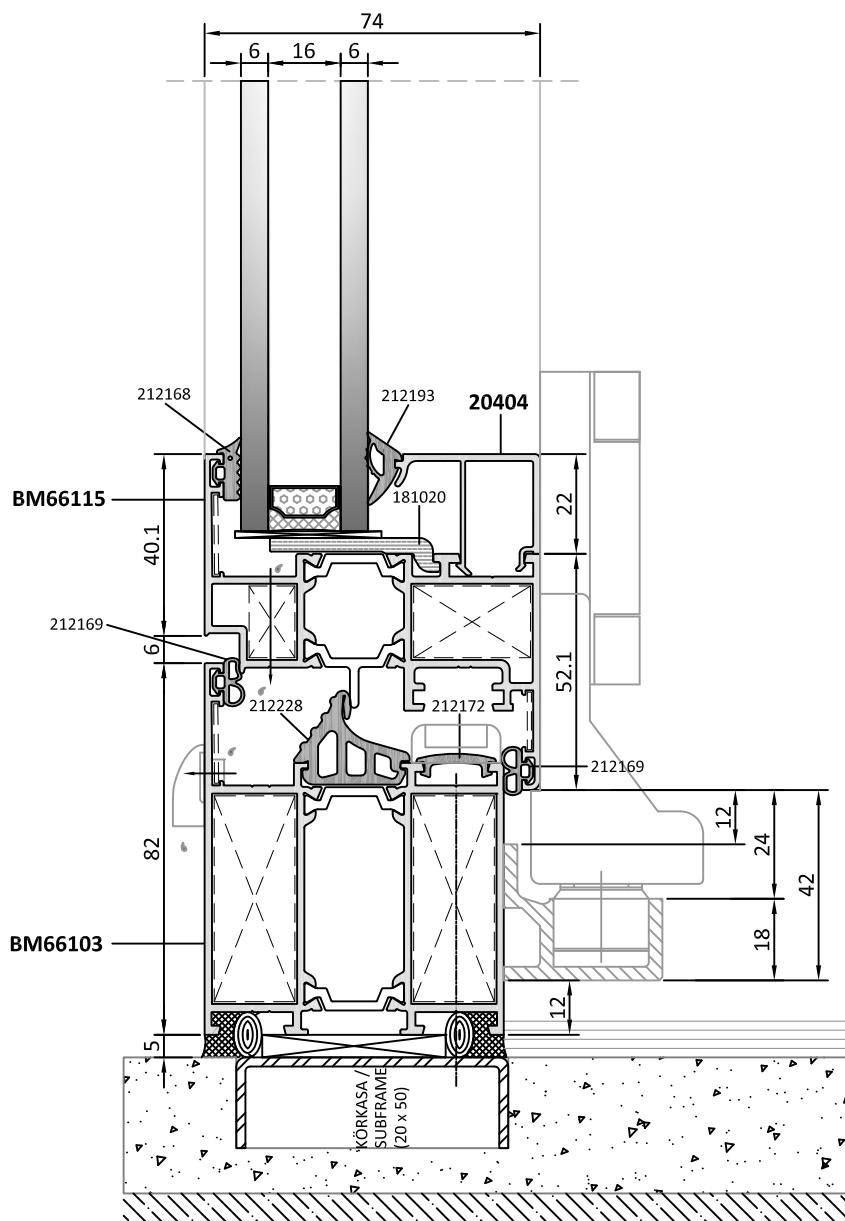
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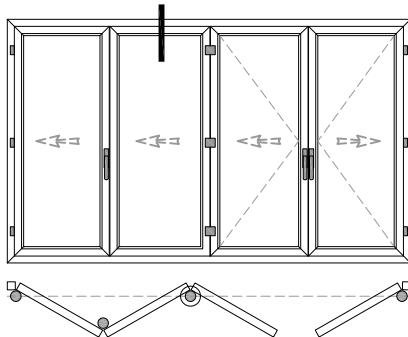
**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

**ÜSTTEN RAYLI SİSTEM DETAYI**  
DETAIL OF THE TOP RAIL OPTION

**KATLANIR KAPI TİP 1**  
FOLDING DOOR TYPE 1

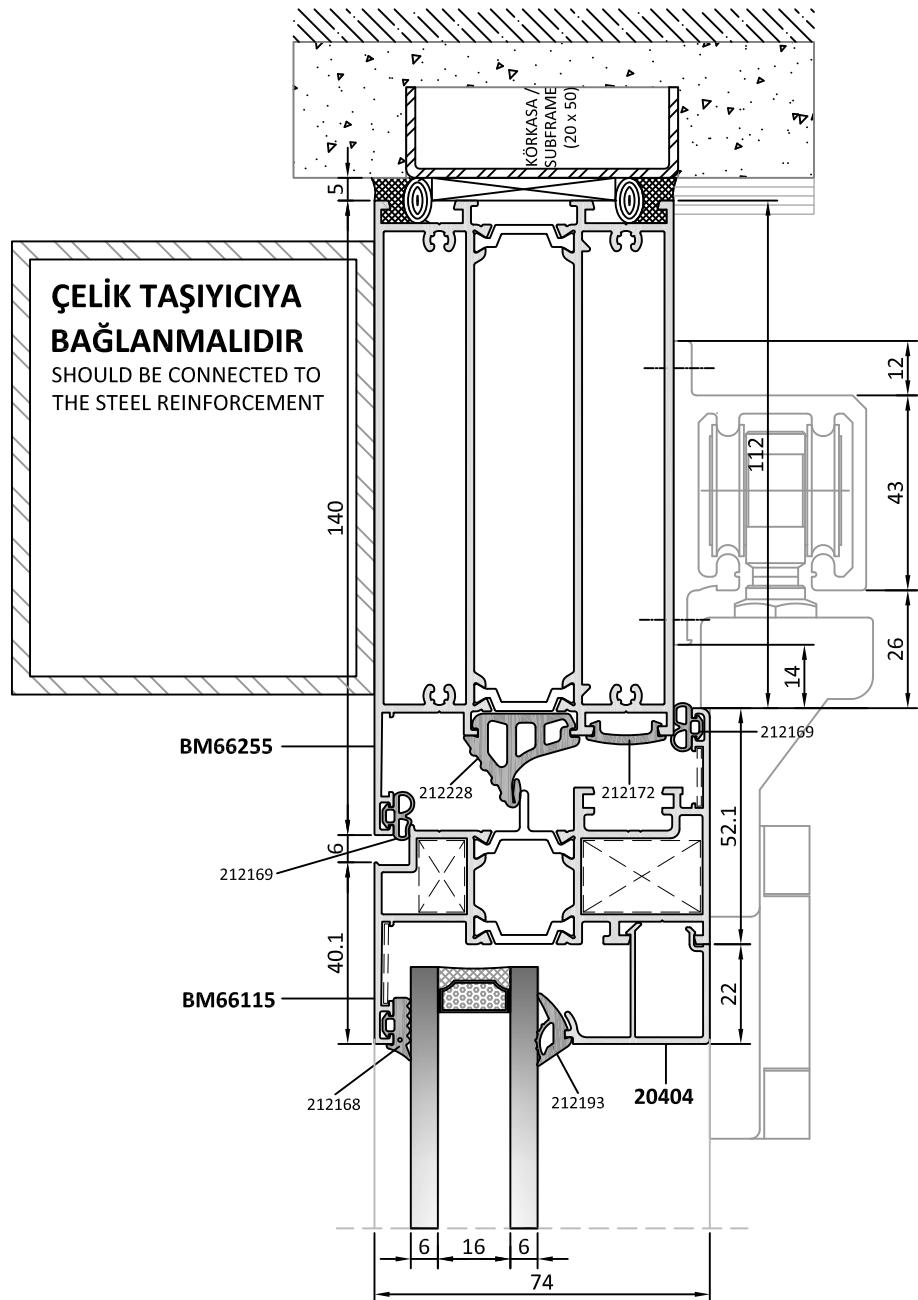


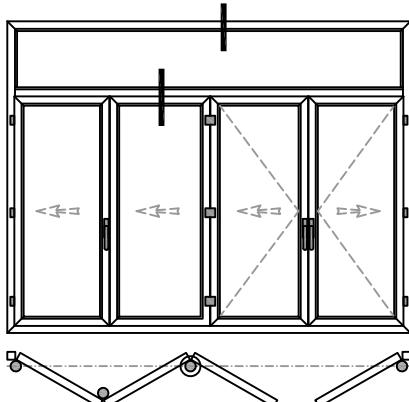
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**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

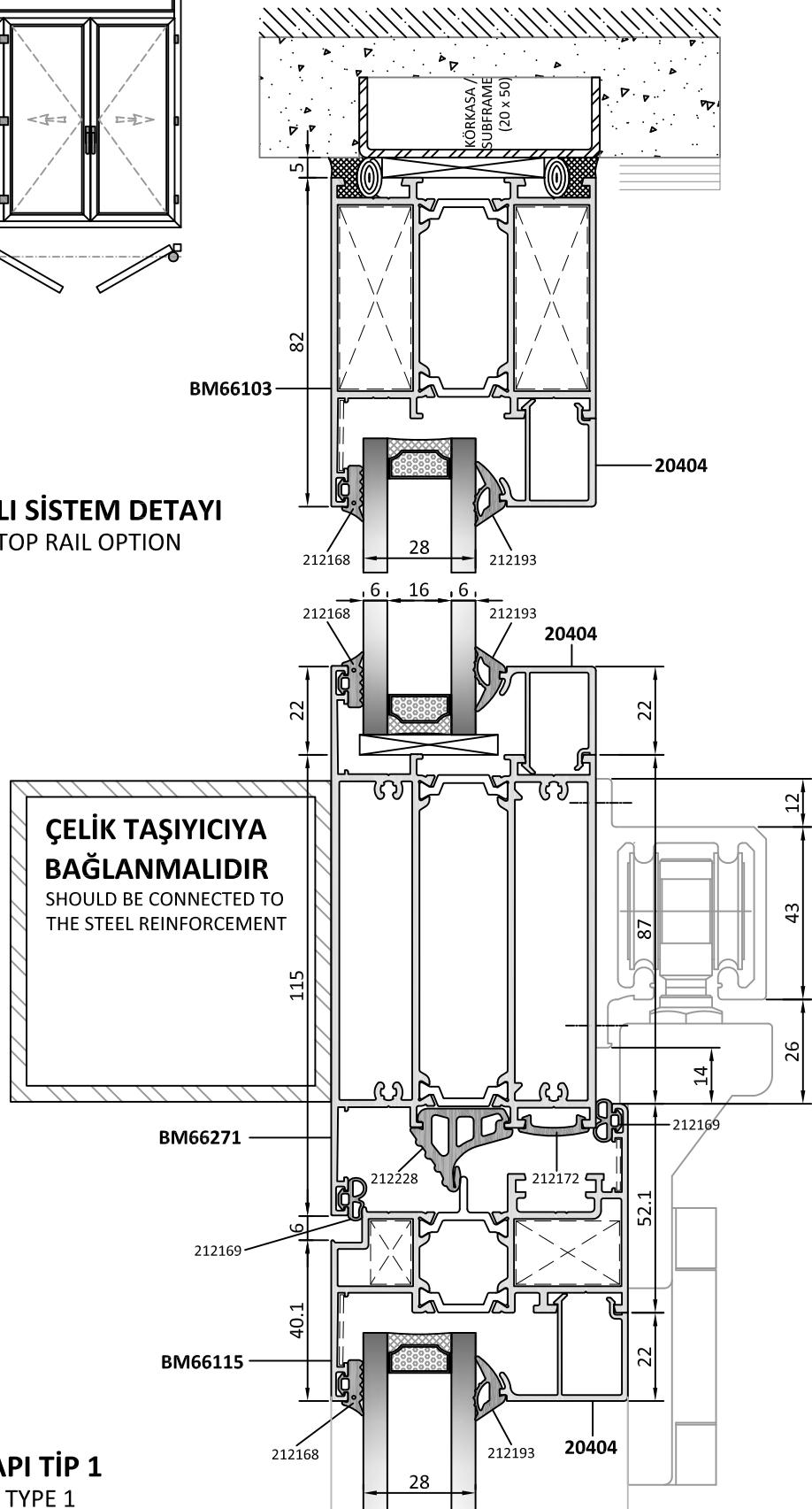
**ÜSTTEN RAYLI SİSTEM DETAYI**  
DETAIL OF THE TOP RAIL OPTION



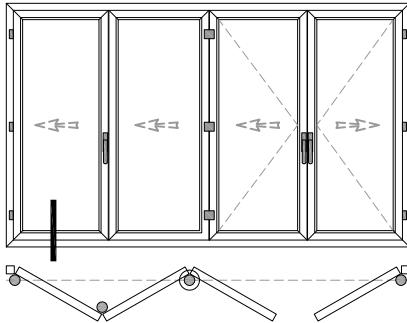


**ÜSTTEN RAYLI SİSTEM DETAYI**  
DETAIL OF THE TOP RAIL OPTION

**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

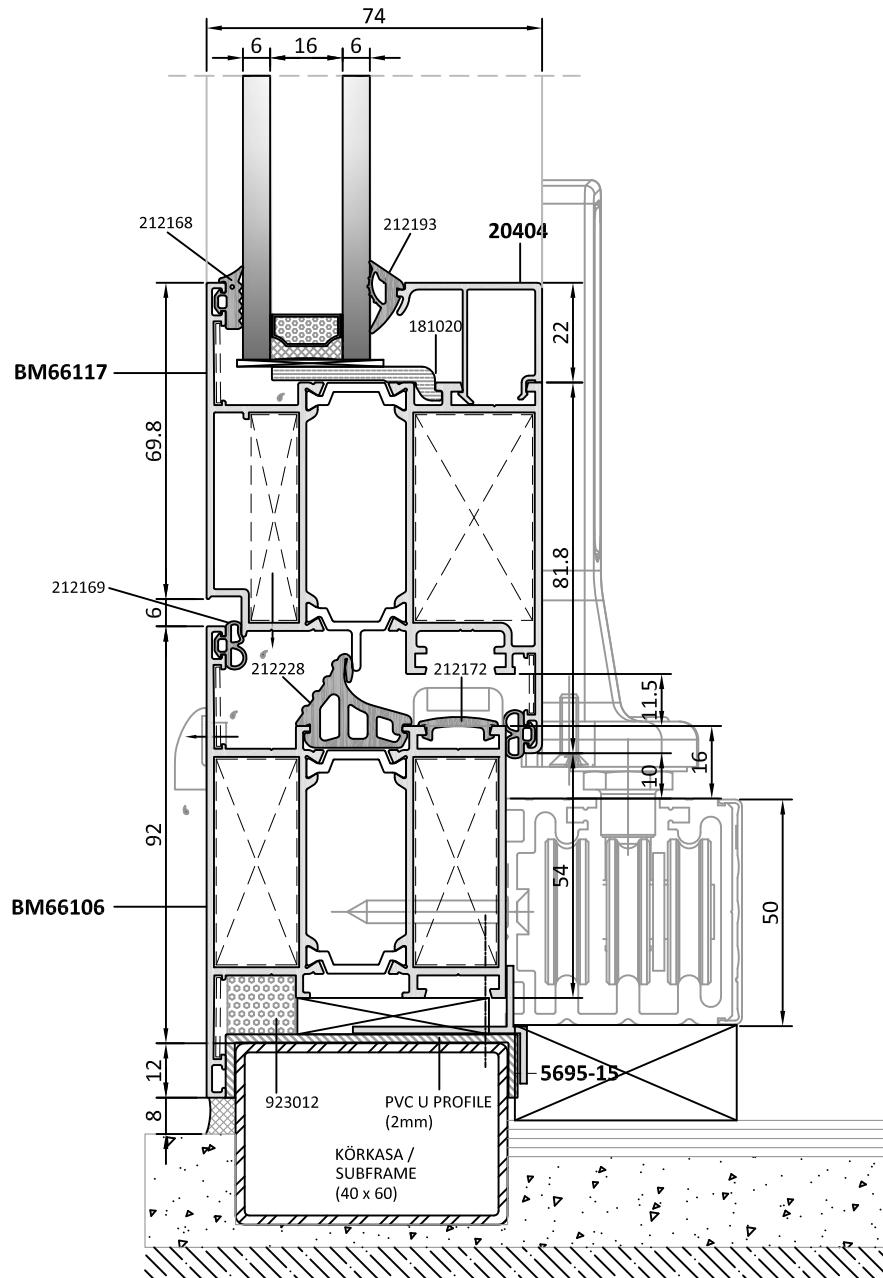


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FOLDING DOOR TYPE 1

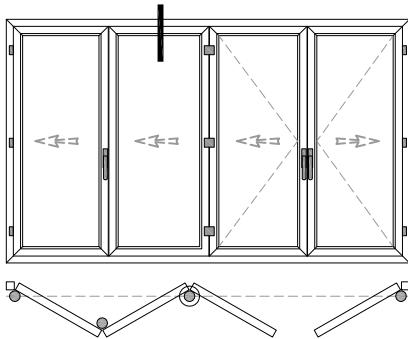


**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS

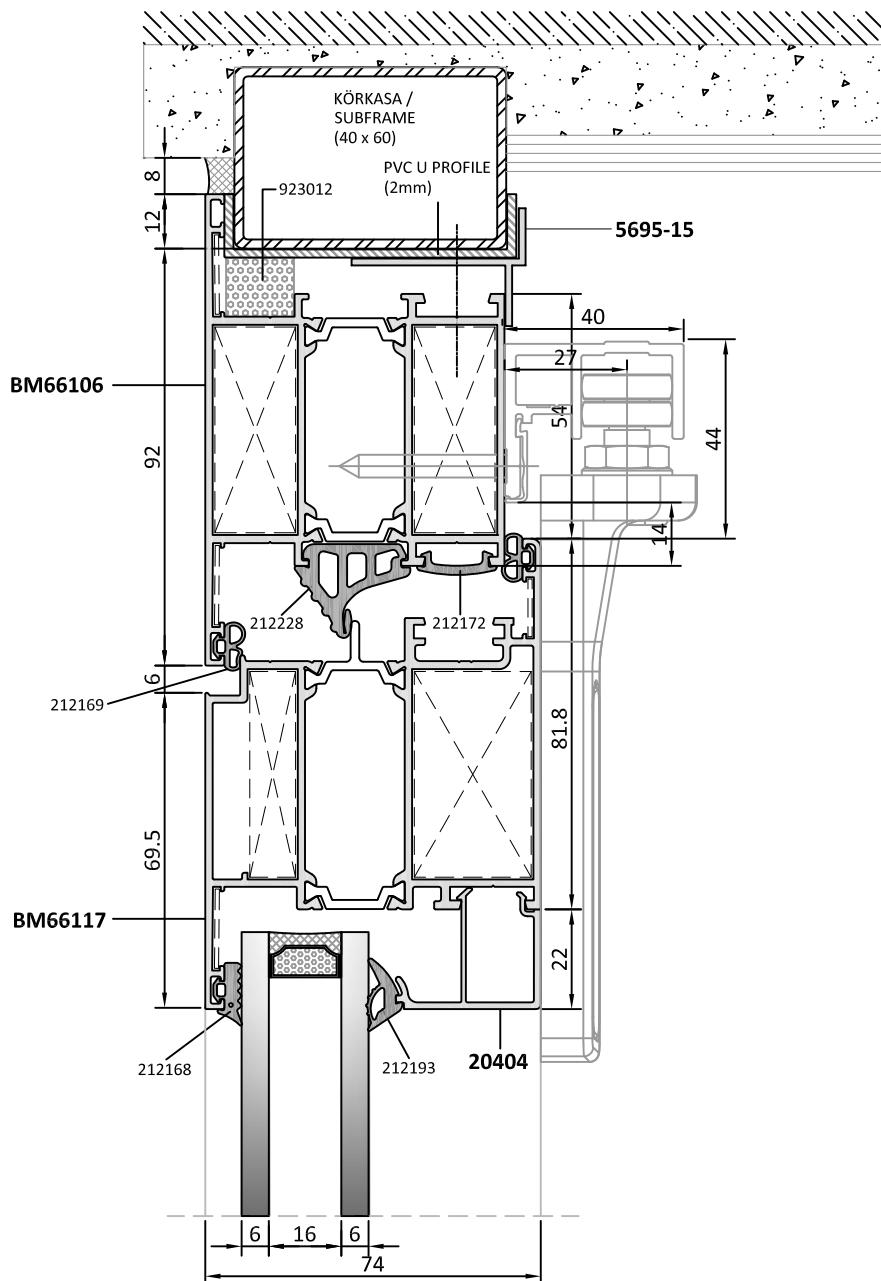
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FOLDING DOOR TYPE 2



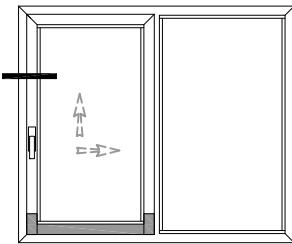
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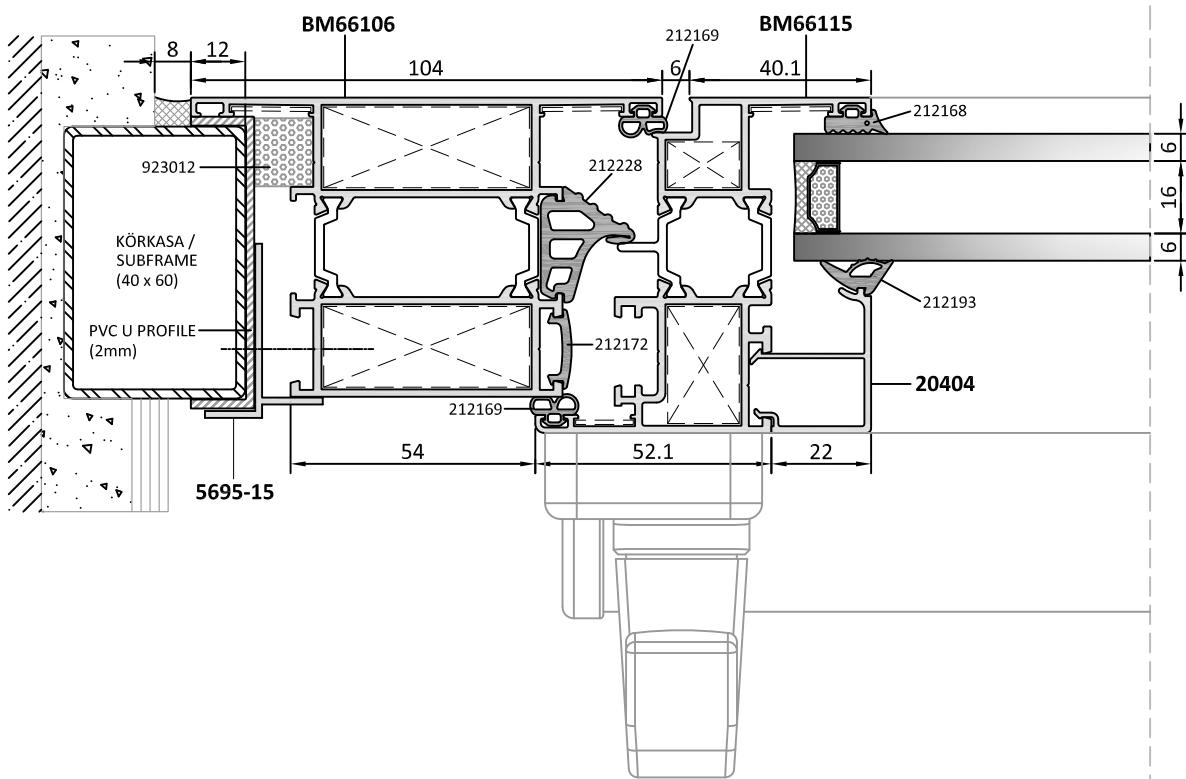
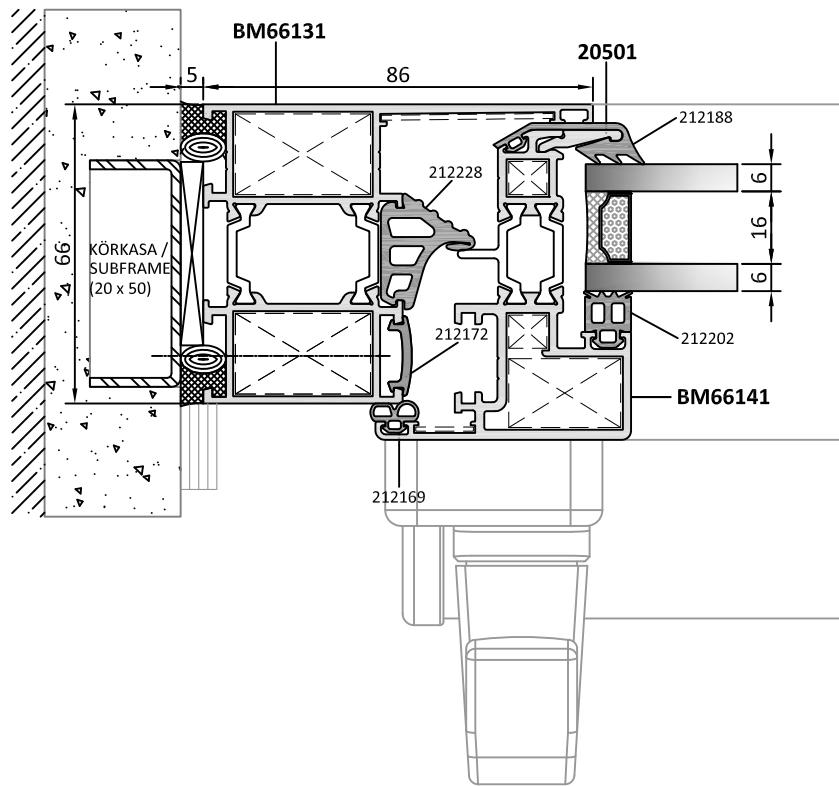
**KATLANIR KAPI DETAYLARI**  
FOLDING DOOR DETAILS



**KATLANIR KAPI TİP 2**  
FOLDING DOOR TYPE 2

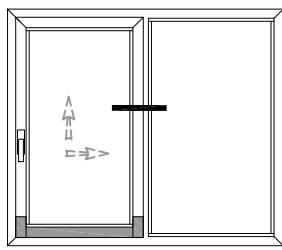


**PARALEL SÜRME KAPI DETAYLARI**  
PARALLEL SLIDING DOOR DETAILS

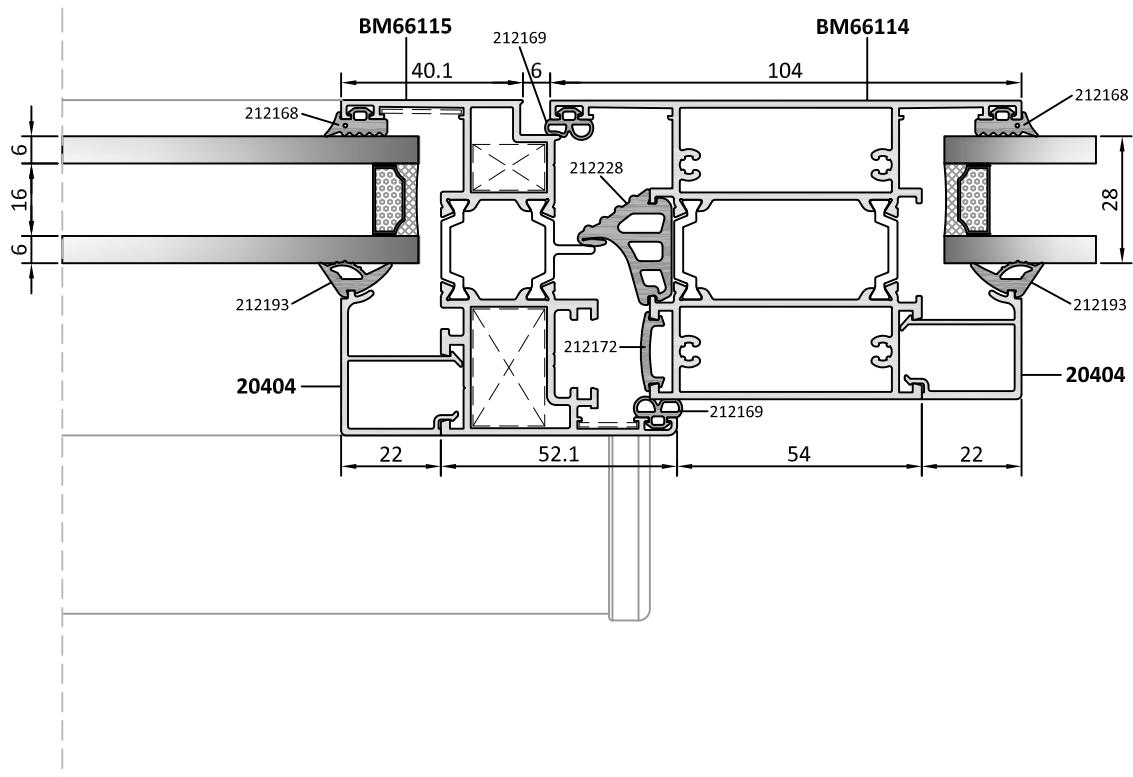
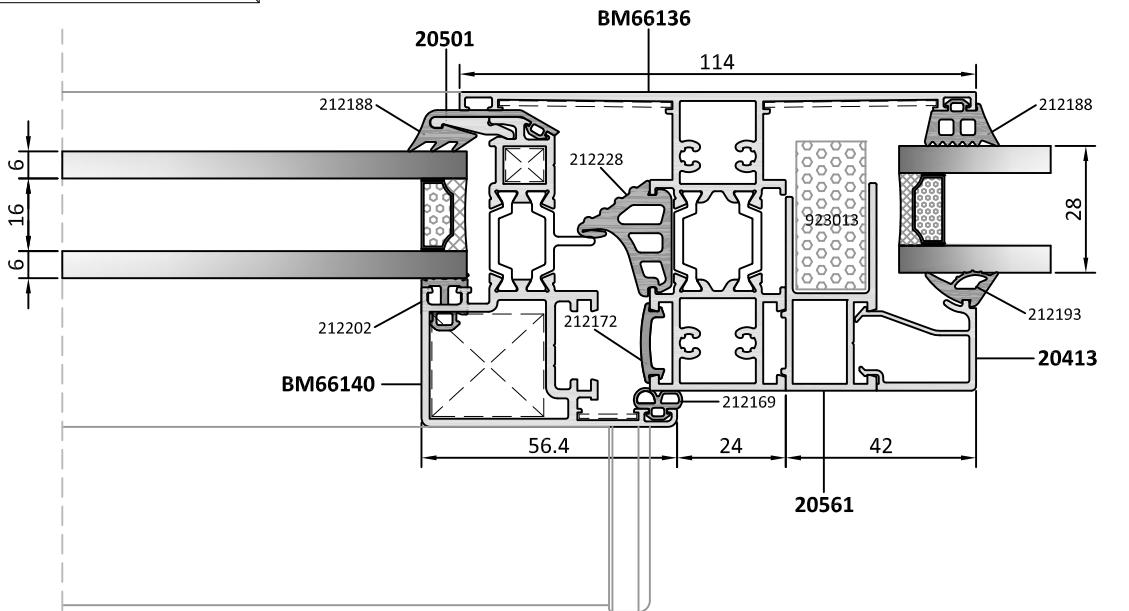


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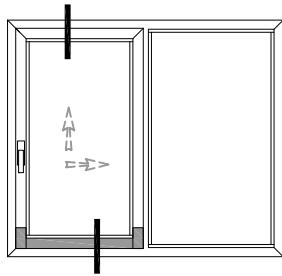
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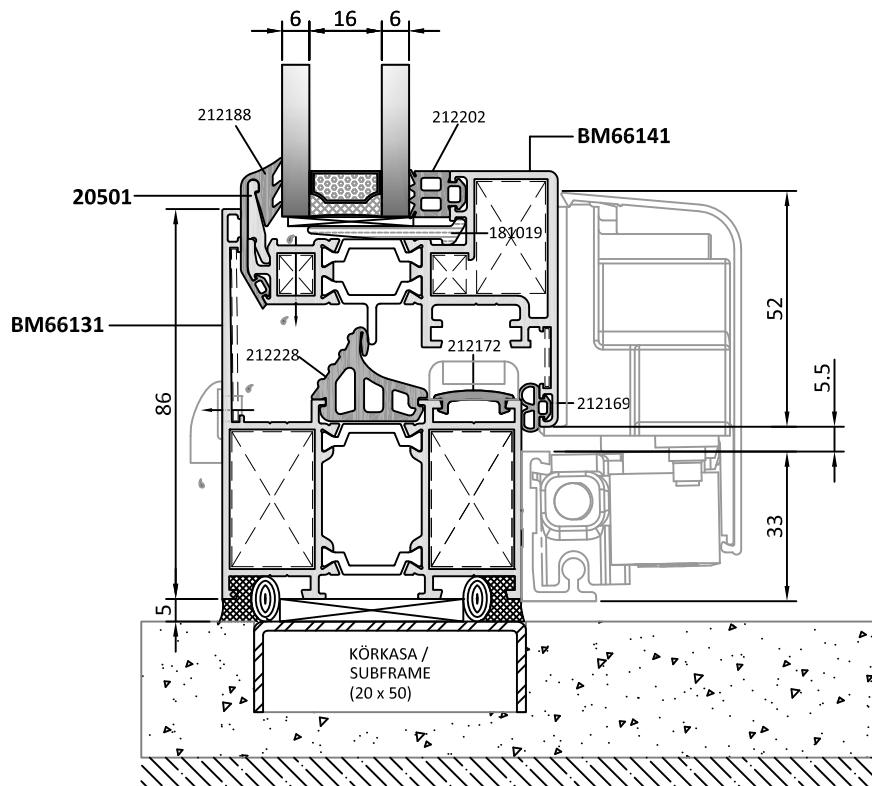
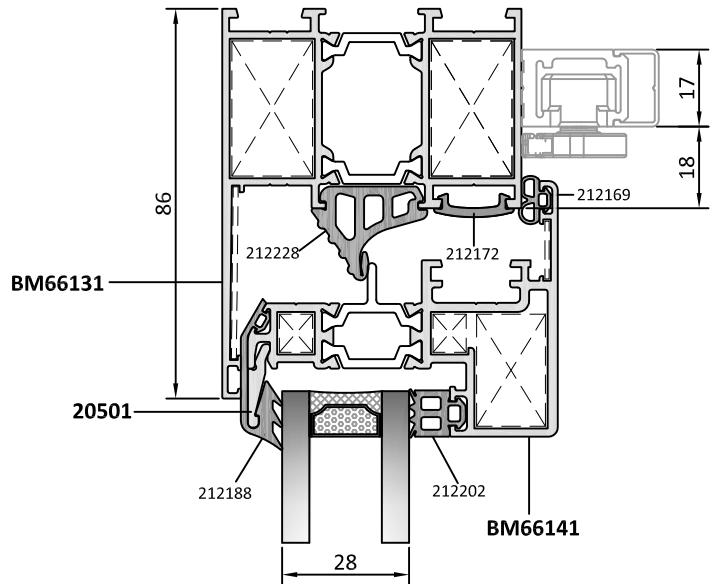
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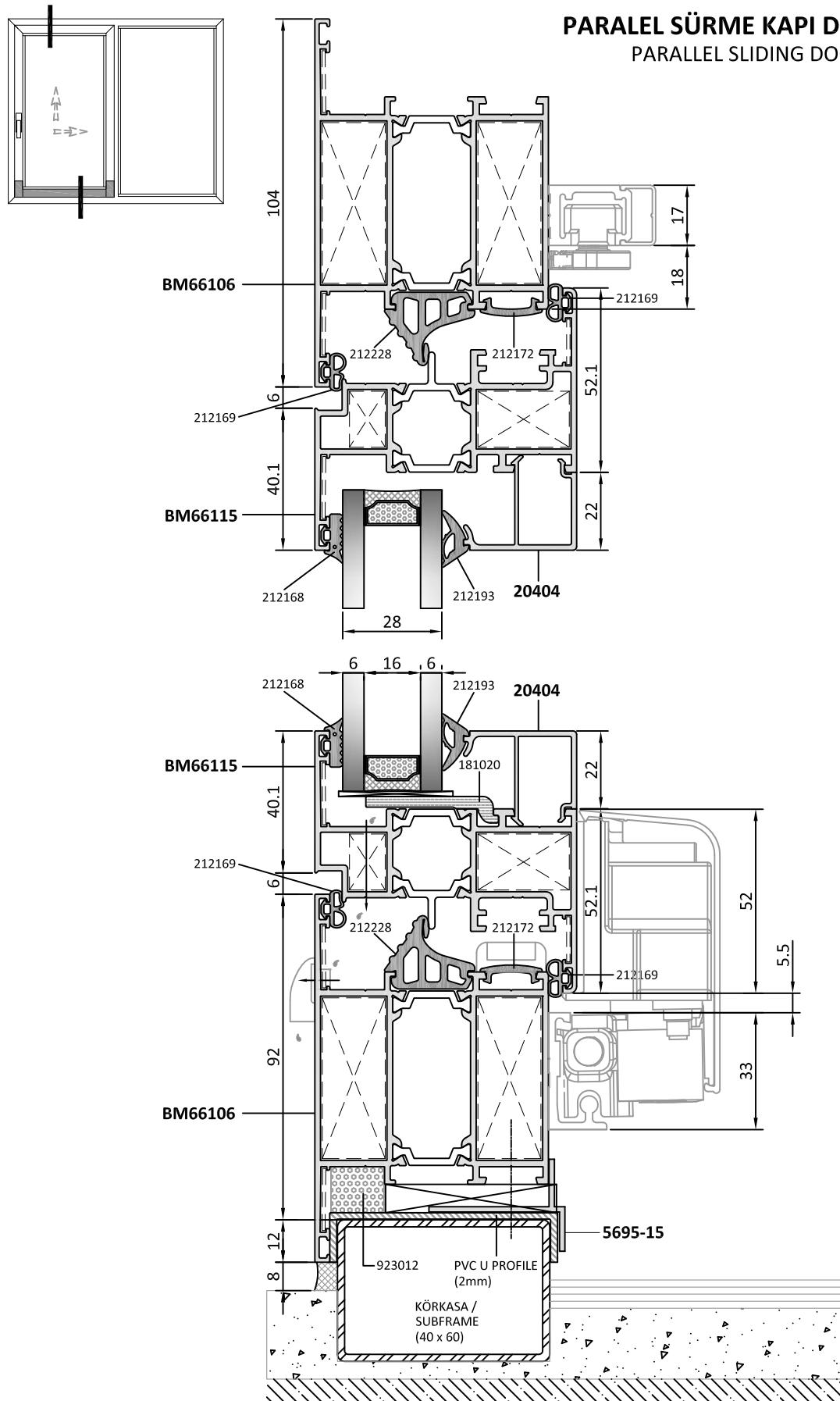


**PARALEL SÜRME KAPI DETAYLARI**  
PARALLEL SLIDING DOOR DETAILS



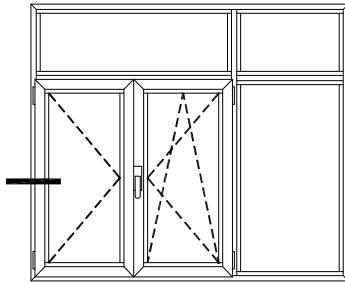
 **burak**  
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**PARALEL SÜRME KAPI DETAYLARI**  
PARALLEL SLIDING DOOR DETAILS

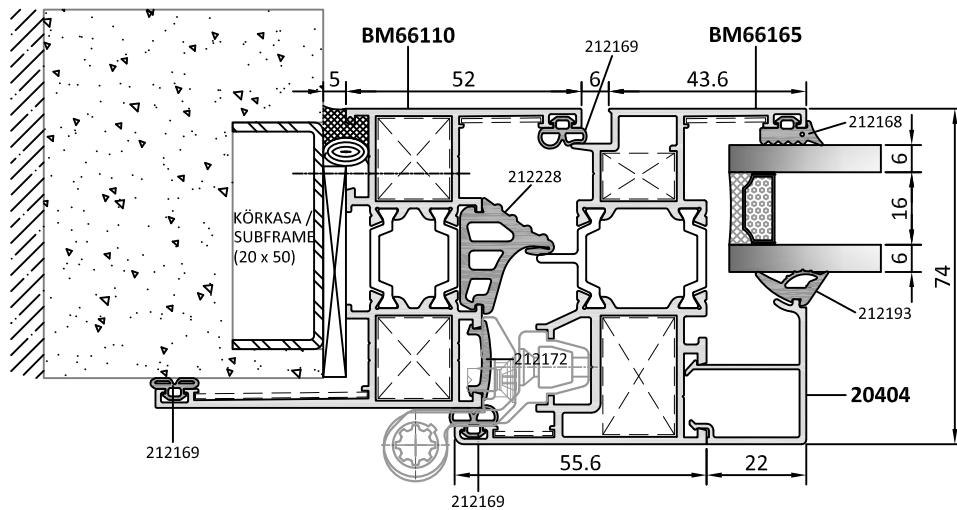
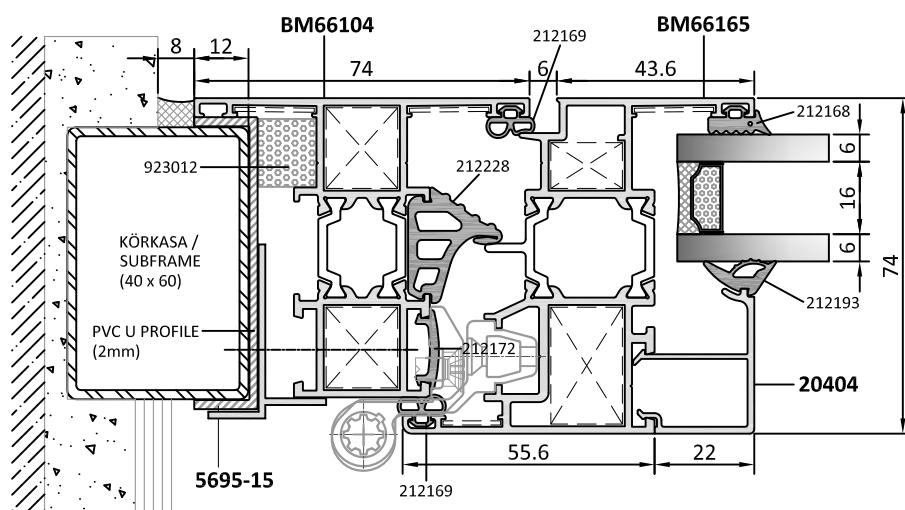
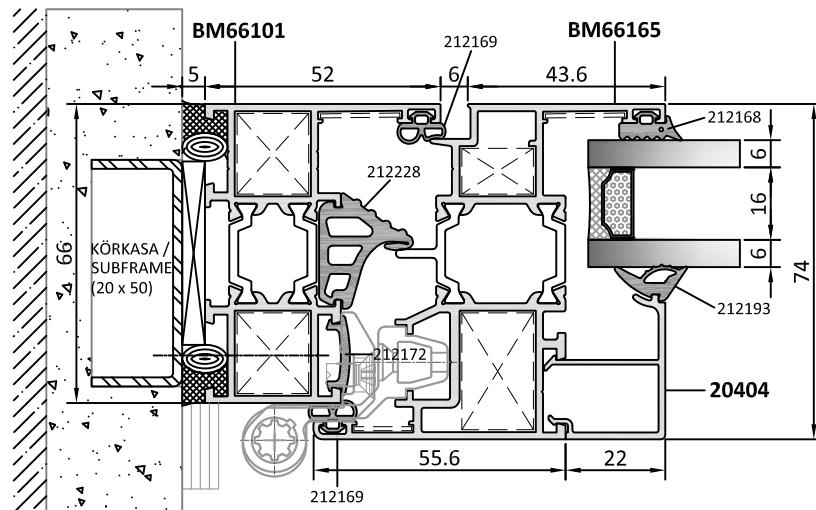


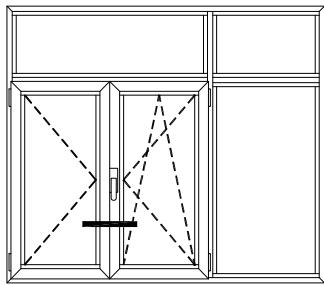
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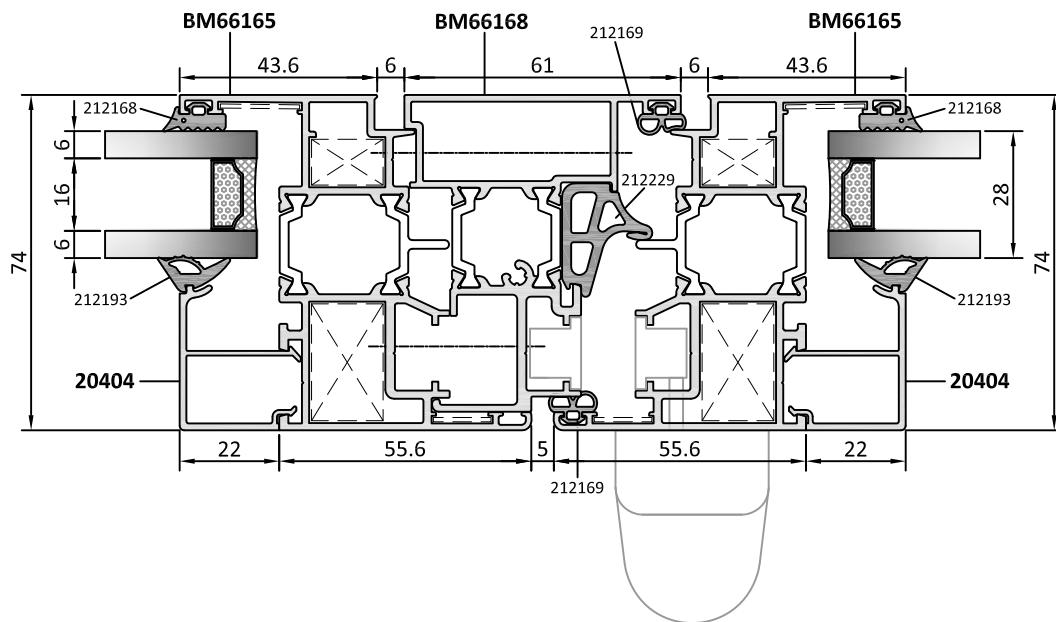


**PVC AKSESUARLI PENCERE DETAYLARI**  
WINDOW DETAILS WITH PVC ACCESSORIES

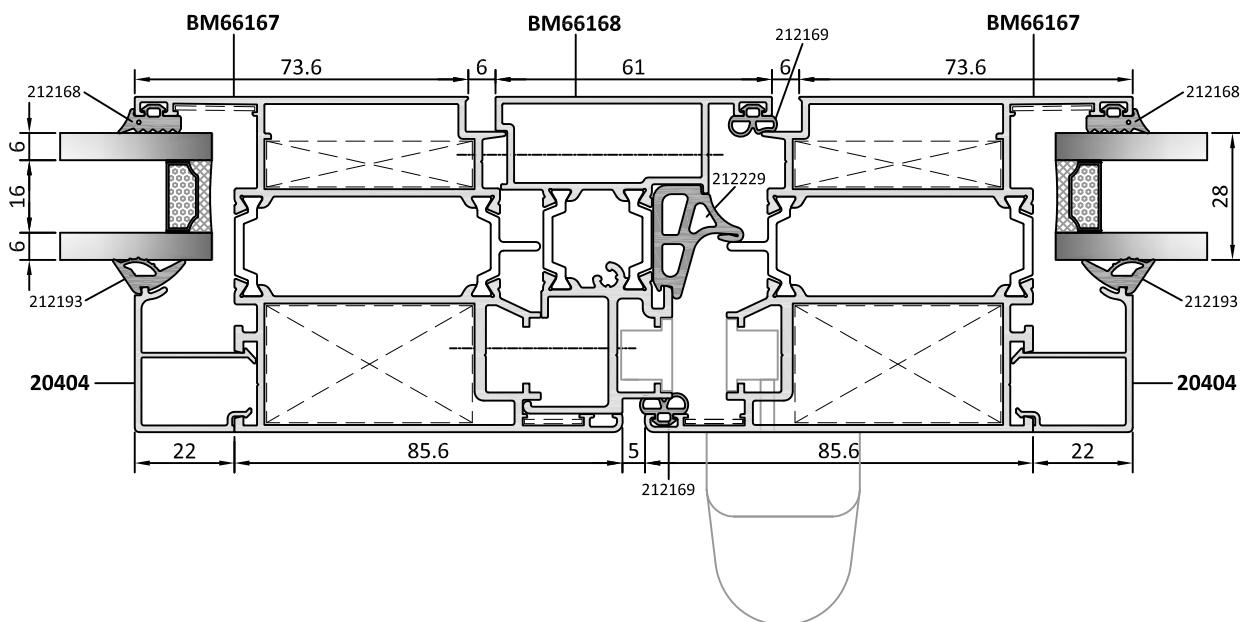


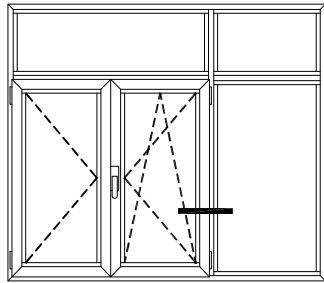


**PVC AKSESUARLI PENCERE DETAYLARI**  
WINDOW DETAILS WITH PVC ACCESSORIES

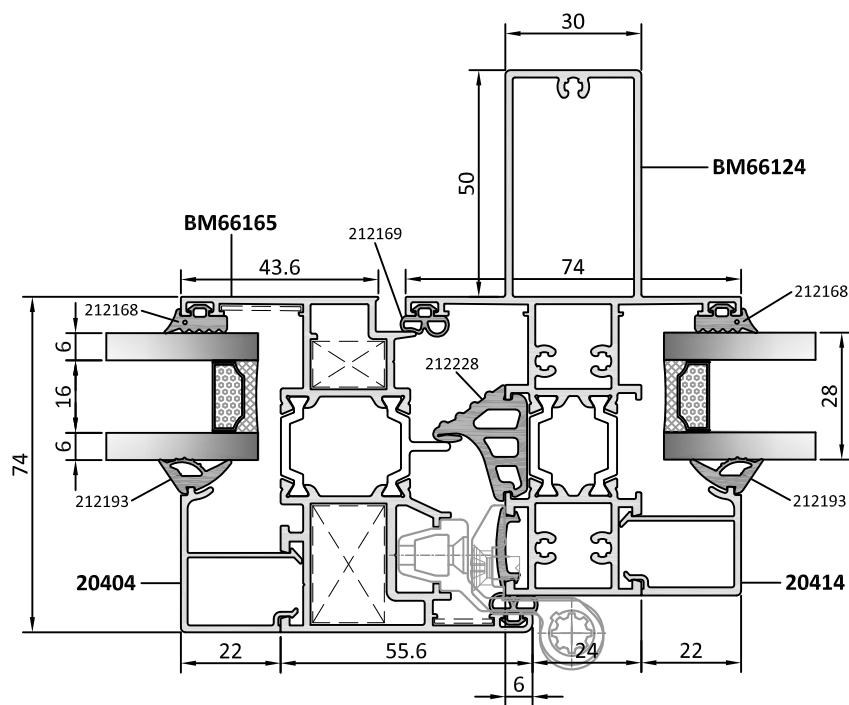
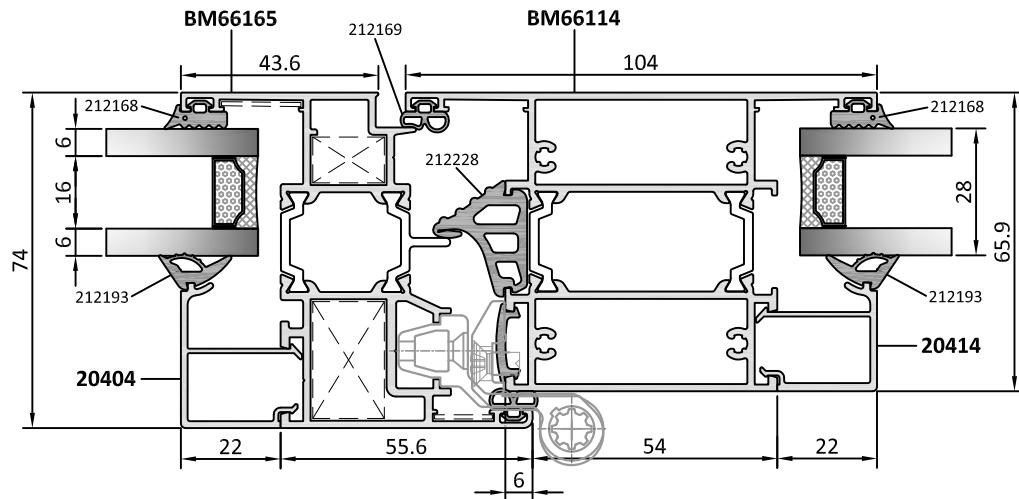


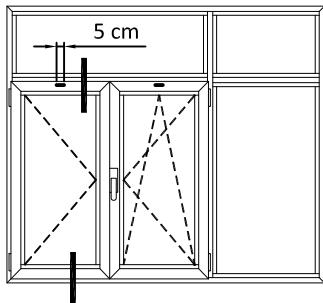
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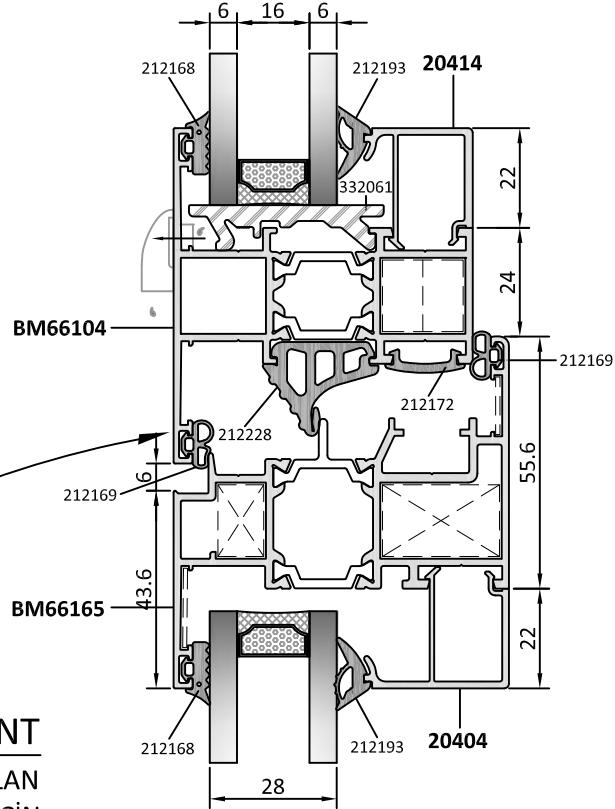


**PVC AKSESUARLI PENCERE DETAYLARI**  
WINDOW DETAILS WITH PVC ACCESSORIES





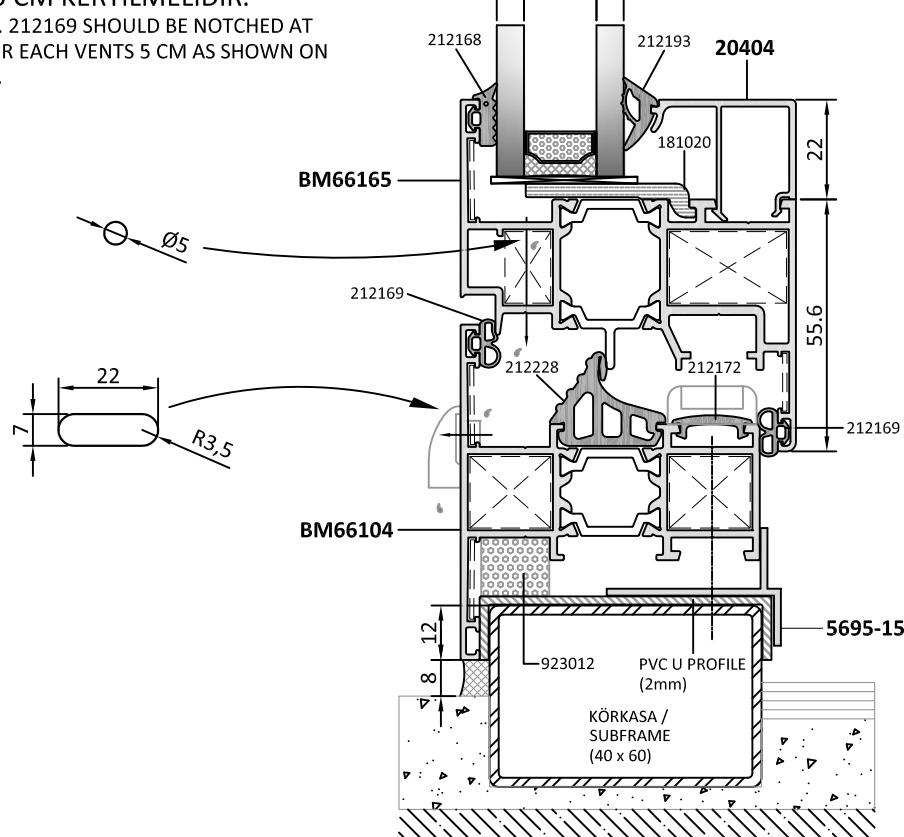
**PVC AKSESUARLI PENCERE DETAYLARI**  
WINDOW DETAILS WITH PVC ACCESSORIES



**ÖNEMLİ / IMPORTANT**

DETAY ÜZERİNDE BELİRTİLMİŞ OLAN  
212169 NO'LÜ FİTİL HER KANAT İÇİN  
ÜSTTEN 5 CM KERTİLMELİDİR.

GASKET NO. 212169 SHOULD BE NOTCHED AT  
THE TOP FOR EACH VENTS 5 CM AS SHOWN ON  
THE DETAIL.



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# AKSESUARLAR

# ACCESSORIES



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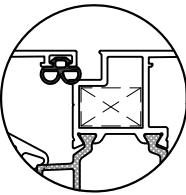
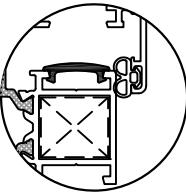
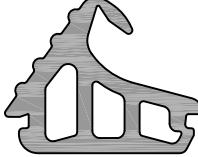
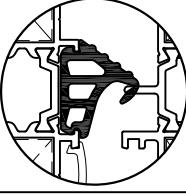
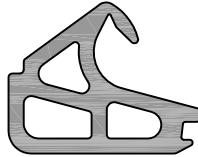
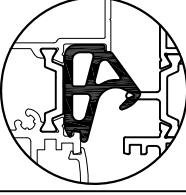
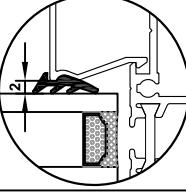
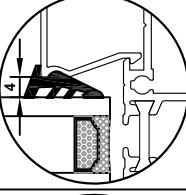
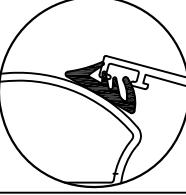
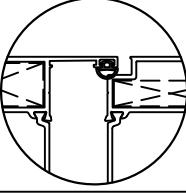
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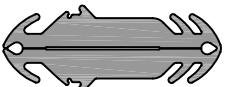
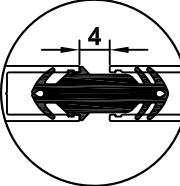
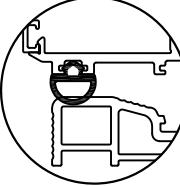
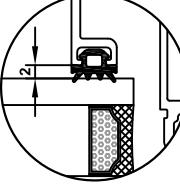
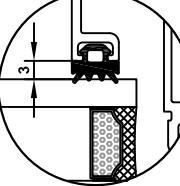
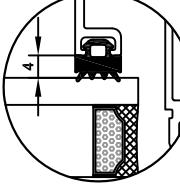
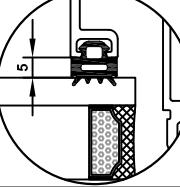
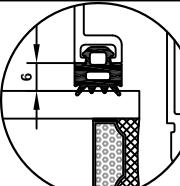
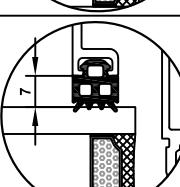
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	<p><b>212168</b> DİŞ CAM FİTİİLİ 4 mm / OUTER GLAZING GASKET 4 mm BİRİM AĞIRLIK / UNIT WEIGHT : 68 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 220 m</p>	
	<p><b>212189</b> DİŞ CAM FİTİİLİ 9 mm / OUTER GLAZING GASKET 9 mm BİRİM AĞIRLIK / UNIT WEIGHT : 114 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 130 m</p>	
	<p><b>212188</b> GİZLİ KANAT DİŞ CAM FİTİİLİ / OUTER GLAZING GASKET FOR HIDDEN VENT BİRİM AĞIRLIK / UNIT WEIGHT : 127 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 120 m</p>	
	<p><b>212236</b> 212188 İÇİN ÇERÇEVE DİŞ CAM FİTİİLİ / CASEMENT GASKET FOR 212188 ** KANAT EBATIYLA BİRLİKTE ADET OLARAK SİPARİŞ EDİLİR. ** ORDERING AS UNIT ACCORDING TO THE HIDDEN VENT DIMENSIONS.</p>	
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	<p><b>212193</b> KAMA FİTİİLİ 6 mm / SUPPORT GASKET 6 mm BİRİM AĞIRLIK / UNIT WEIGHT : 89 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 170 m</p>	

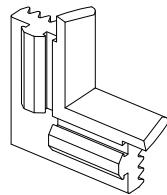
**EPDM FİTİLLER / EPDM GASKETS**

ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	<b>212169</b> KASA BİNİ FİTİLİ / STEP GASKET FOR FRAME BİRİM AĞIRLIK / UNIT WEIGHT: 40 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 325 m	
	<b>212172</b> KAPATMA FİTİLİ / CLOSING GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 52 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 250 m	
	<b>212228</b> ORTA BİNİ FİTİLİ / CENTRAL STEP GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 251 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 60 m	
	<b>212229</b> ADAPTÖR ORTA BİNİ FİTİLİ / CENTRAL STEP GASKET FOR ADAPTER BİRİM AĞIRLIK / UNIT WEIGHT: 244 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 60 m	
	<b>212029</b> İÇ CAM FİTİLİ 2 mm / INNER GLAZING GASKET 2 mm BİRİM AĞIRLIK / UNIT WEIGHT: 33 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 450 m	
	<b>212035</b> İÇ CAM FİTİLİ 4 mm / INNER GLAZING GASKET 4 mm BİRİM AĞIRLIK / UNIT WEIGHT: 69 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 215 m	
	<b>212192</b> AÇILI BİRLEŞİM FİTİLİ / ANGLED CONNECTION GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 58 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 250 m	
	<b>212191</b> KAPI BİNİ FİTİLİ 3 mm / DOOR STEP GASKET 3 mm BİRİM AĞIRLIK / UNIT WEIGHT: 35 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 430 m	

EPDM FİTİLLER / EPDM GASKETS		
ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	<b>212187</b> DİLATASYON FİTİLİ / DILATATION GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 400 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 35 m	
	<b>212190</b> ETEK BİNİ FİTİİLİ / SILL STEP GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 66 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 230 m	
	<b>212201</b> İÇ BİNİ FİTİİLİ 2 mm / INNER STEP GASKET 2 mm BİRİM AĞIRLIK / UNIT WEIGHT: 44 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 330 m	
	<b>212001</b> İÇ BİNİ FİTİİLİ 3 mm / INNER STEP GASKET 3 mm BİRİM AĞIRLIK / UNIT WEIGHT: 55 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 280 m	
	<b>212002</b> İÇ BİNİ FİTİİLİ 4 mm / INNER STEP GASKET 4 mm BİRİM AĞIRLIK / UNIT WEIGHT: 70 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 214 m	
	<b>212003</b> İÇ BİNİ FİTİİLİ 5 mm / INNER STEP GASKET 5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 85 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 175 m	
	<b>212004</b> İÇ BİNİ FİTİİLİ 6 mm / INNER STEP GASKET 6 mm BİRİM AĞIRLIK / UNIT WEIGHT: 75 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 220 m	
	<b>212015</b> İÇ BİNİ FİTİİLİ 7 mm / INNER STEP GASKET 7 mm BİRİM AĞIRLIK / UNIT WEIGHT: 85 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 175 m	

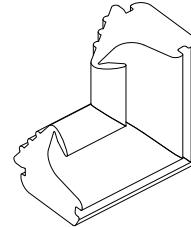
**EPDM FİTİLLER / EPDM GASKETS**

ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	<b>212005</b> İÇ BİNİ FİTİİLİ 8 mm / INNER STEP GASKET 8 mm BİRİM AĞIRLIK / UNIT WEIGHT: 90 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 165 m	
	<b>212202</b> İÇ BİNİ FİTİİLİ 9 mm / INNER STEP GASKET 9 mm BİRİM AĞIRLIK / UNIT WEIGHT: 100 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 150 m	
	<b>212006</b> İÇ BİNİ FİTİİLİ 10 mm / INNER STEP GASKET 10 mm BİRİM AĞIRLIK / UNIT WEIGHT: 102 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 150 m	
	<b>212203</b> İÇ BİNİ FİTİİLİ 11 mm / INNER STEP GASKET 11 mm BİRİM AĞIRLIK / UNIT WEIGHT: 120 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 125 m	
	<b>212007</b> İÇ BİNİ FİTİİLİ 12 mm / INNER STEP GASKET 12 mm BİRİM AĞIRLIK / UNIT WEIGHT: 140 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 107 m	
	<b>212027</b> İÇ BİNİ FİTİİLİ 14 mm / INNER STEP GASKET 14 mm BİRİM AĞIRLIK / UNIT WEIGHT: 157 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 95 m	
	<b>232004</b> KAPI ALTI FIRÇA FİTİİL / WEATHERSTRIP BRUSH FOR BOTTOM OF DOORS	
	<b>232024</b> PERDESİZ FIRÇA FİTİİL (67-1000) / WEATHERSTRIP BRUSH	



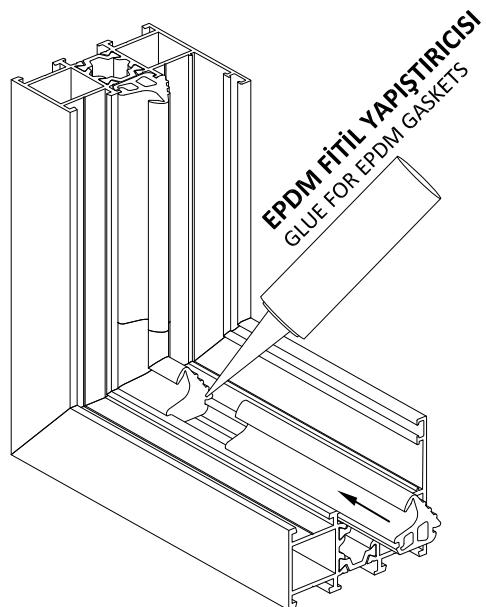
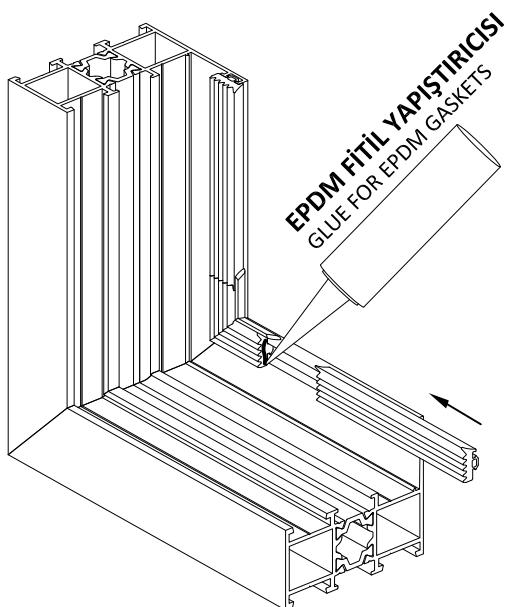
252010

**DIŞ CAM VULKANİZE KÖŞE CONTASI**  
VULCANIZED CORNER FOR THE OUTER GASKET

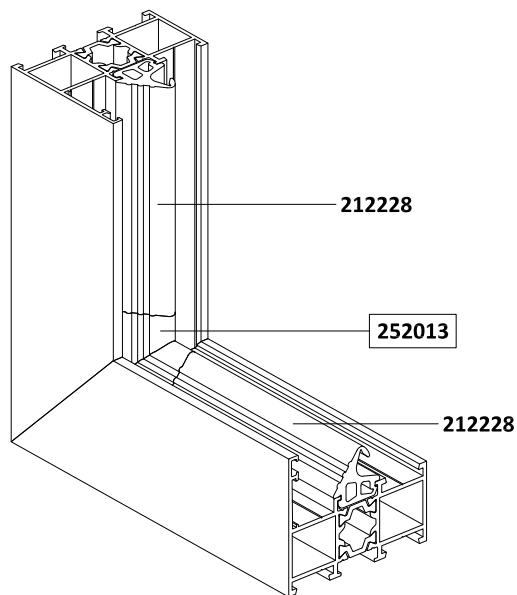
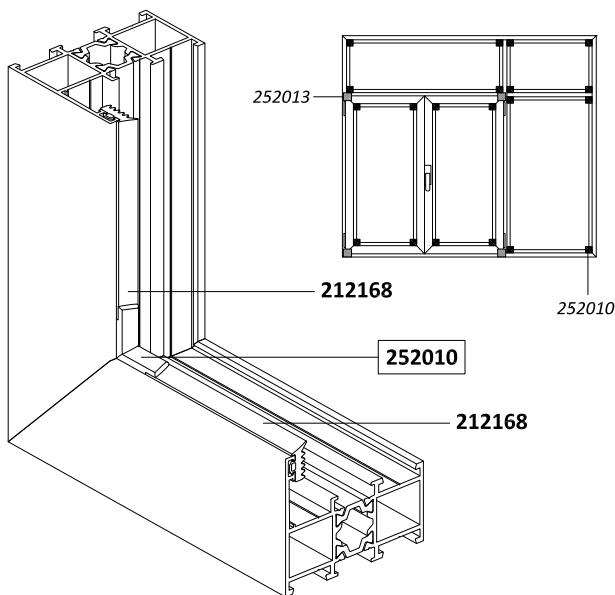


252013

**ORTA BİNİ VULKANİZE KÖŞE CONTASI**  
VULCANIZED CORNER FOR THE CENTRAL GASKET



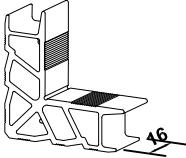
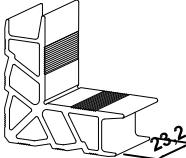
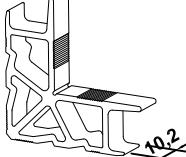
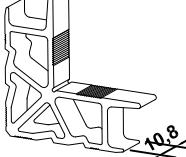
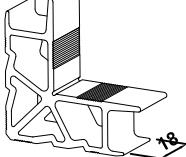
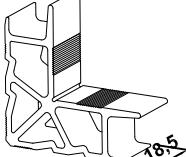
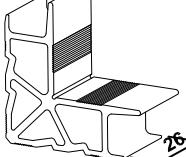
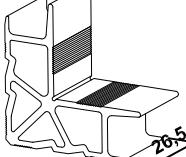
135



## KÖŞE TAKOZLARI / CORNER CLEATS

ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING DIMENSION
	<b>111132</b> PROFİL NUMARASI / PROFILE NUMBER: 20234 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,552 kg/m	8 mm
	<b>111207</b> PROFİL NUMARASI / PROFILE NUMBER: 20301 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,564 kg/m	10,2 mm
	<b>111208</b> PROFİL NUMARASI / PROFILE NUMBER: 20301 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,564 kg/m	10,8 mm
	<b>111209</b> PROFİL NUMARASI / PROFILE NUMBER: 20301 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,564 kg/m	11,5 mm
	<b>111230</b> PROFİL NUMARASI / PROFILE NUMBER: 20301 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,564 kg/m	18 mm
	<b>111231</b> PROFİL NUMARASI / PROFILE NUMBER: 20301 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,564 kg/m	18,5 mm
	<b>111232</b> PROFİL NUMARASI / PROFILE NUMBER: 20301 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,564 kg/m	26 mm
	<b>111233</b> PROFİL NUMARASI / PROFILE NUMBER: 20301 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,564 kg/m	26,5 mm

## KÖŞE TAKOZLARI / CORNER CLEATS

ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING DIMENSION
	<b>111234</b> PROFİL NUMARASI / PROFILE NUMBER: 20531 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,145 kg/m	16 mm
	<b>111235</b> PROFİL NUMARASI / PROFILE NUMBER: 20531 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,145 kg/m	23,2 mm
	<b>111236</b> PROFİL NUMARASI / PROFILE NUMBER: 20523 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,793 kg/m	10,2 mm
	<b>111237</b> PROFİL NUMARASI / PROFILE NUMBER: 20523 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,793 kg/m	10,8 mm
	<b>111238</b> PROFİL NUMARASI / PROFILE NUMBER: 20523 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,793 kg/m	18 mm
	<b>111239</b> PROFİL NUMARASI / PROFILE NUMBER: 20523 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,793 kg/m	18,5 mm
	<b>111240</b> PROFİL NUMARASI / PROFILE NUMBER: 20523 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,793 kg/m	26 mm
	<b>111241</b> PROFİL NUMARASI / PROFILE NUMBER: 20523 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 3,793 kg/m	26,5 mm

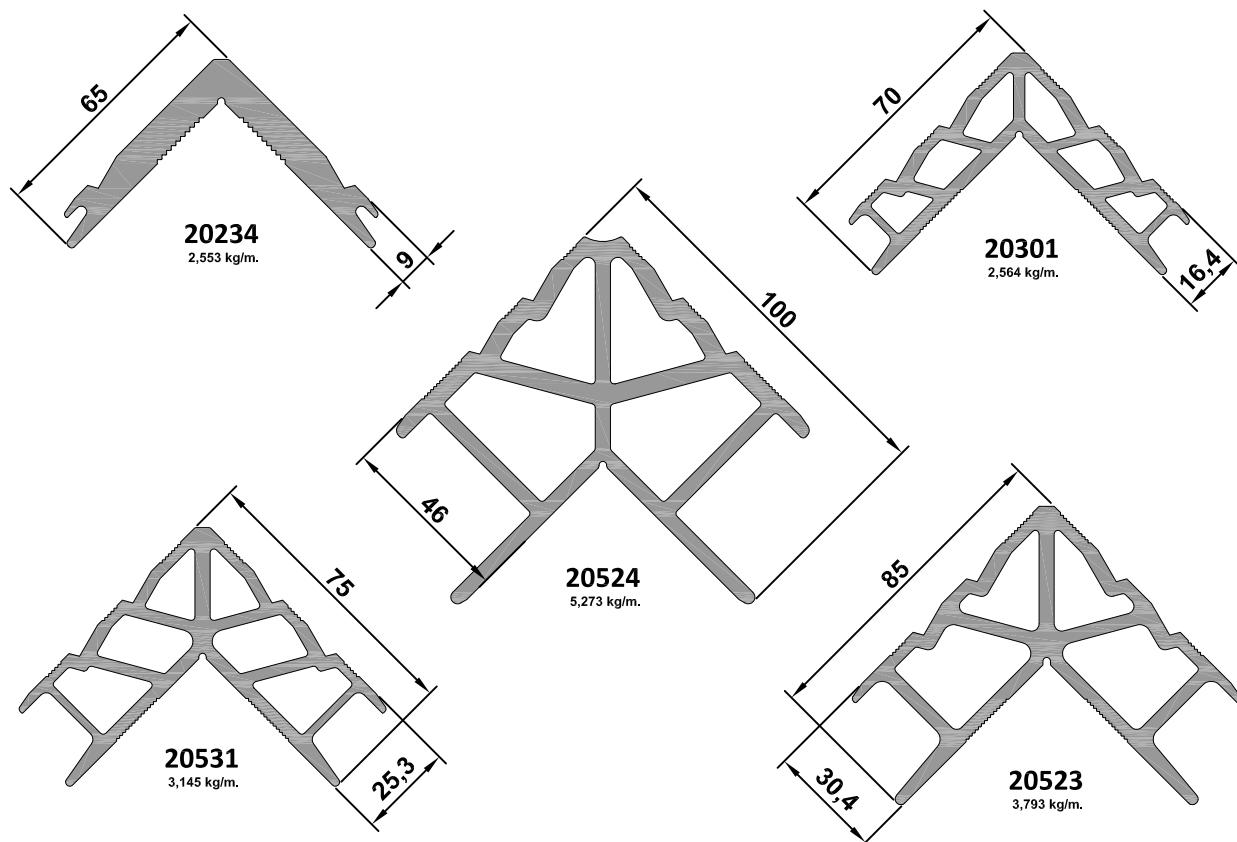
137

## KÖŞE TAKOZLARI / CORNER CLEATS

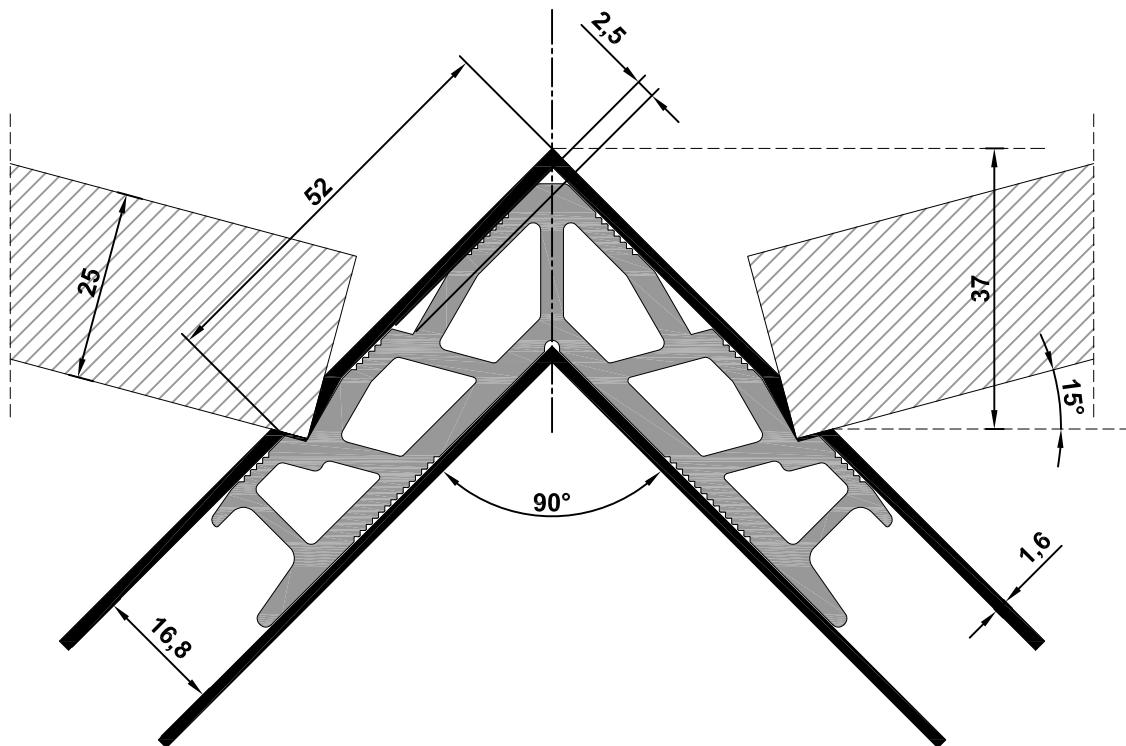
ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING DIMENSION
	<b>111242</b> PROFİL NUMARASI / PROFILE NUMBER: 20524 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 5,273 kg/m	10,2 mm
	<b>111243</b> PROFİL NUMARASI / PROFILE NUMBER: 20524 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 5,273 kg/m	10,8 mm
	<b>111244</b> PROFİL NUMARASI / PROFILE NUMBER: 20524 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 5,273 kg/m	18 mm
	<b>111245</b> PROFİL NUMARASI / PROFILE NUMBER: 20524 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 5,273 kg/m	18,5 mm
	<b>111246</b> PROFİL NUMARASI / PROFILE NUMBER: 20524 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 5,273 kg/m	18 mm
	<b>111247</b> PROFİL NUMARASI / PROFILE NUMBER: 20524 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 5,273 kg/m	26 mm
	<b>111248</b> PROFİL NUMARASI / PROFILE NUMBER: 20524 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 5,273 kg/m	26,5 mm
	<b>151061</b> PROFİL NUMARASI / PROFILE NUMBER: 20301 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,564 kg/m	14,2 mm

## KÖŞE TAKOZLARI

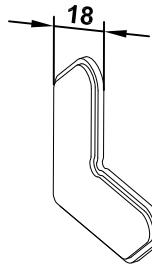
CORNER CLEATS



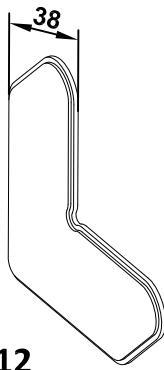
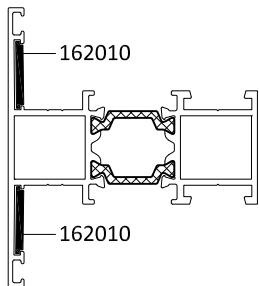
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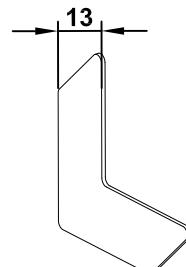
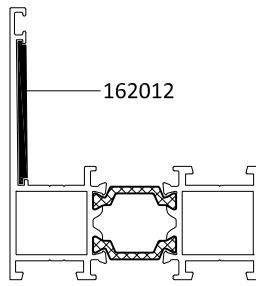
 **burak**  
alüminyum

**162010**

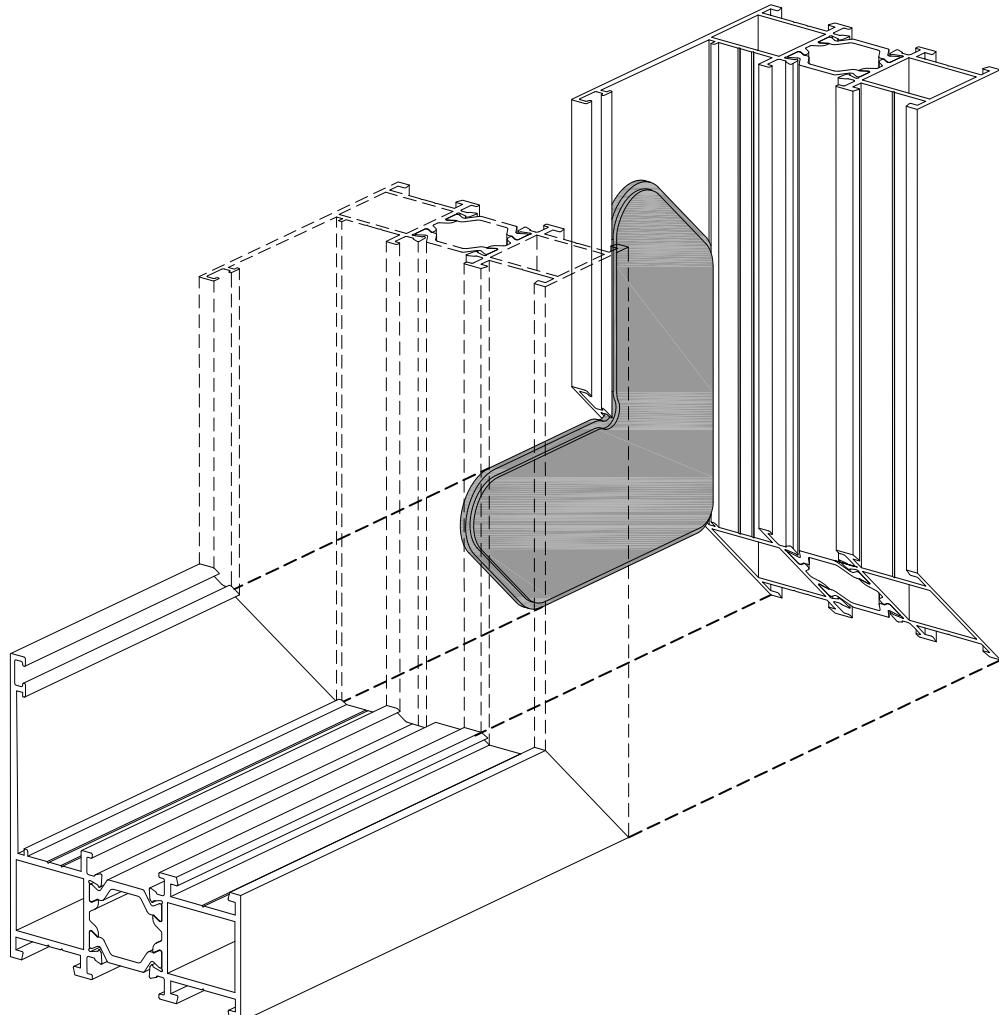
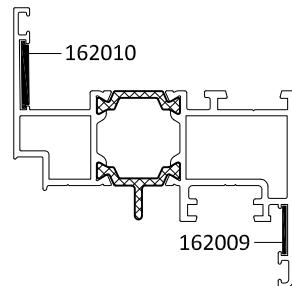
**KÖŞE ÇAVUŞU - 1 (Polyamid)**  
CORNER ALIGNMENT - 1

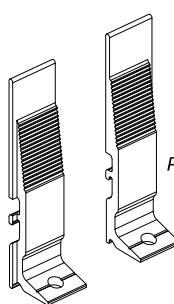
**162012**

**KÖŞE ÇAVUŞU - 2 (Polyamid)**  
CORNER ALIGNMENT - 2

**162009**

**KÖŞE ÇAVUŞU - 3 (Çelik/Steel)**  
CORNER ALIGNMENT - 3



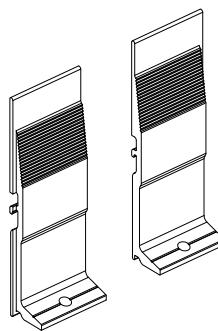


Pr. No: 20521

**142001****T BAĞLANTI - 1**

T CONNECTION - 1

(Sağ ve sol olmak üzere ikili takımdır. / Using left and right one together as kit.)



Pr. No: 20544

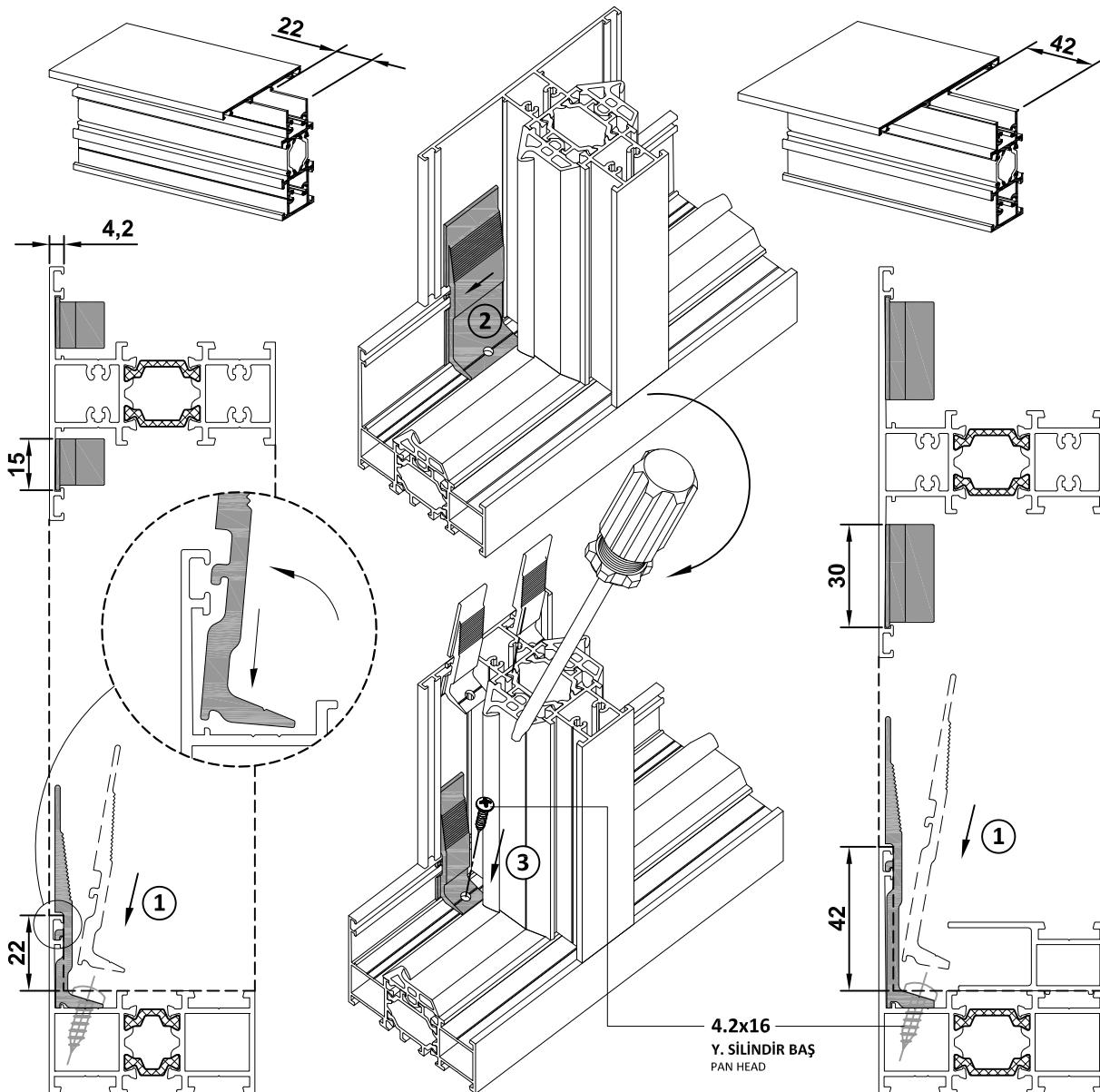
**142002****T BAĞLANTI - 2**

T CONNECTION - 2

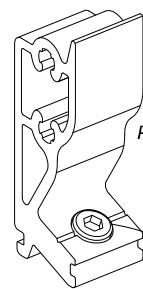
(Sağ ve sol olmak üzere ikili takımdır. / Using left and right one together as kit.)

**T ORTA KAYIT PROFİLLERİ**

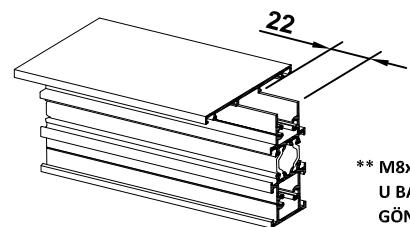
T SHAPED TRANSOM PROFILES



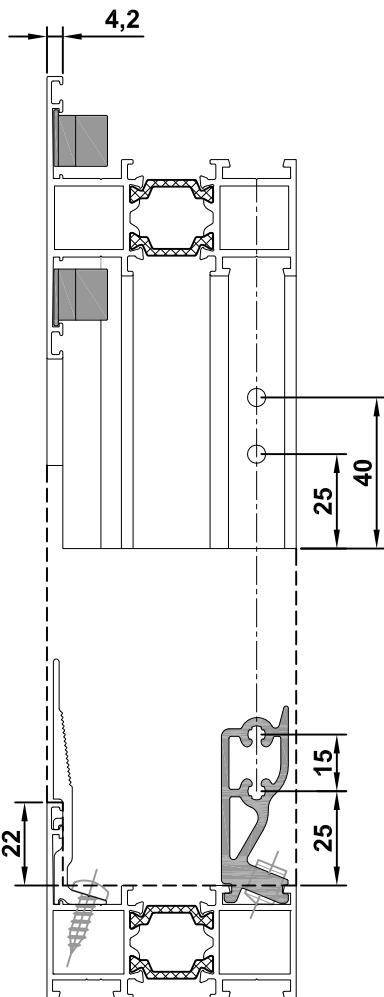
141



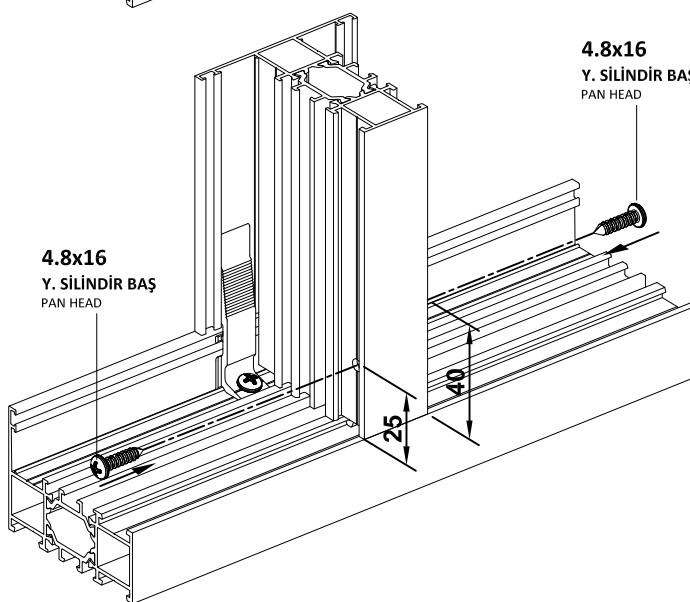
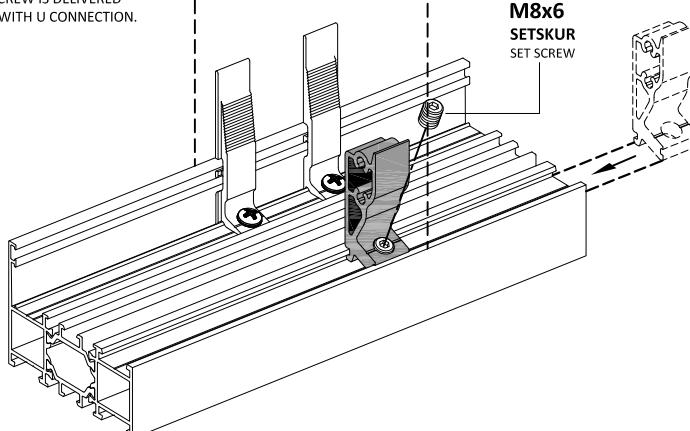
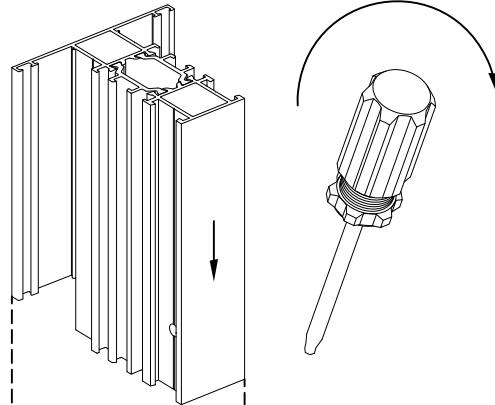
Pr. No: 20522

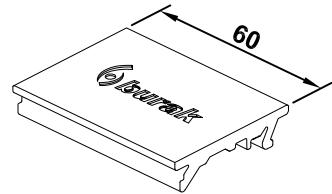
**151039 - 151040 - 151041****U BAĞLANTILAR**  
U CONNECTIONS

\*\* M8x6 SETSKUR VİDA,  
U BAĞLANTI İLE BİRLİKTE  
GÖNDERİLİR.  
M8x6 SET SCREW IS DELIVERED  
TOGETHER WITH U CONNECTION.

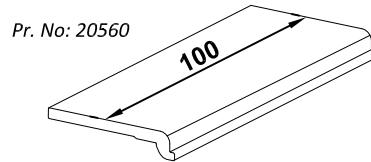


AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
<b>151039</b>	16,5 mm
<b>151040</b>	30,5 mm
<b>151041</b>	46 mm
<b>151062</b>	21,5 mm
<b>151067</b>	37,5 mm
<b>151068</b>	70 mm
<b>151069</b>	95 mm

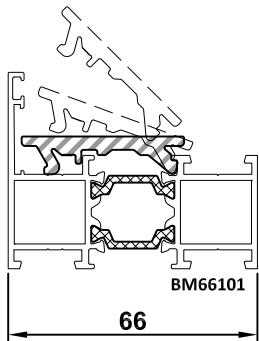


**332061**

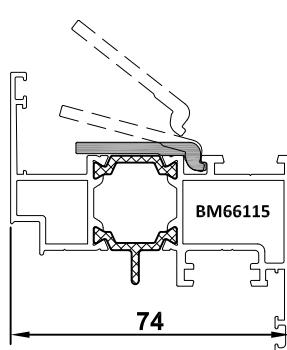
**CAM ALTI DESTEK PARÇASI - 1 (PVC)**  
GLAZING SUPPORT - 1

**181020**

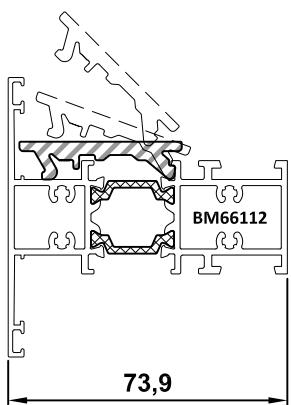
**CAM ALTI DESTEK PARÇASI - 2 (AL.)**  
GLAZING SUPPORT - 2



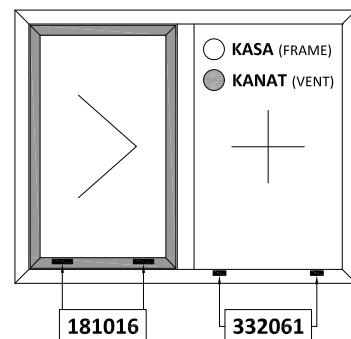
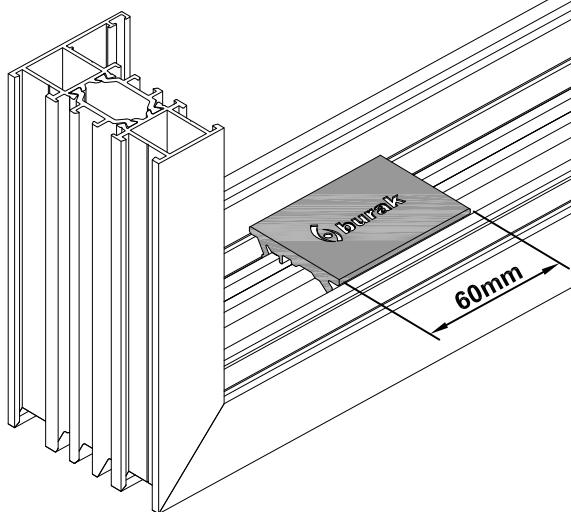
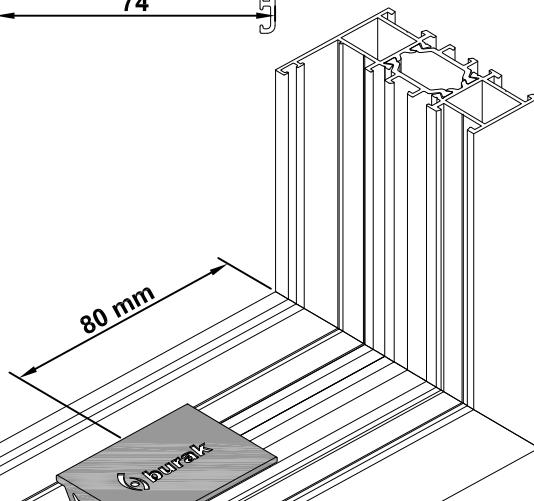
**KASA PR.**  
FRAME PR.

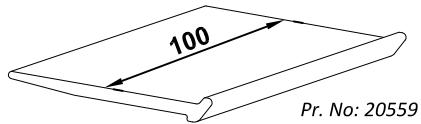


**KANAT PR.**  
VENT PR.

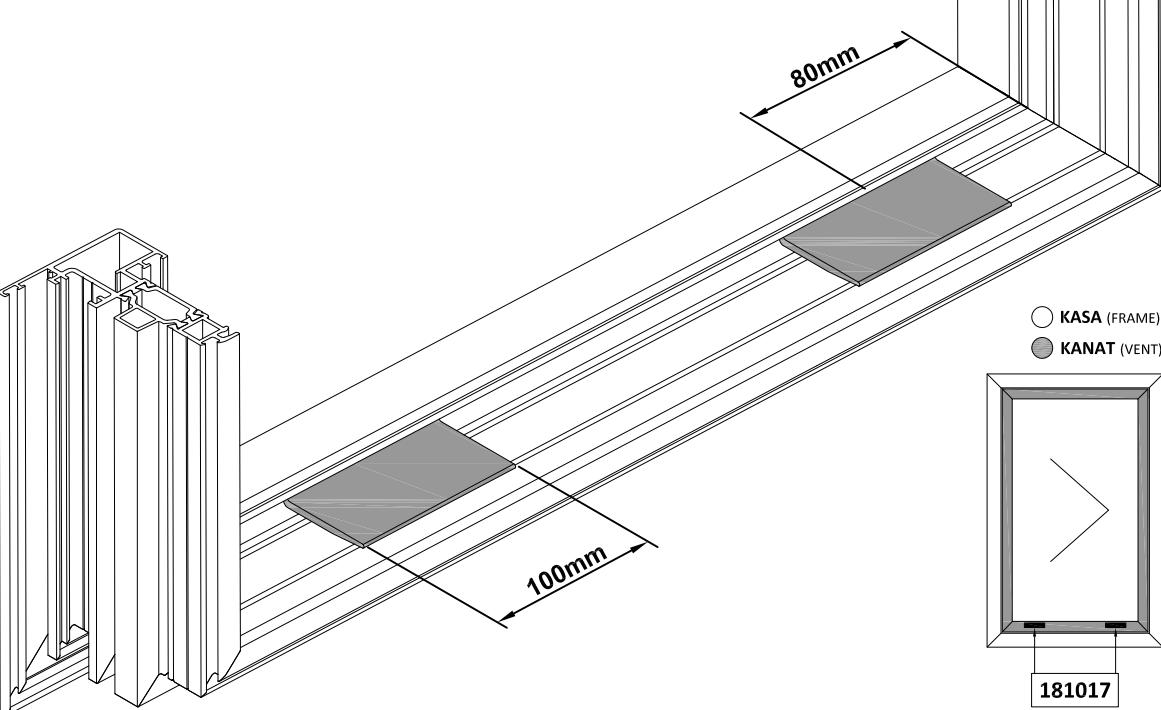
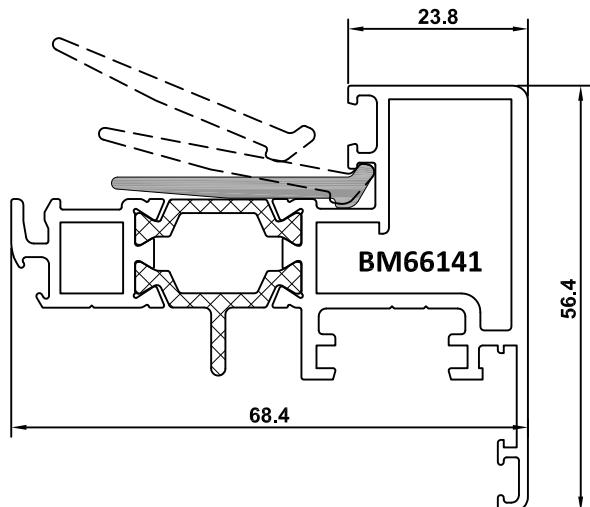


**ORTA KAYIT PR.**  
TRANSOM PR.

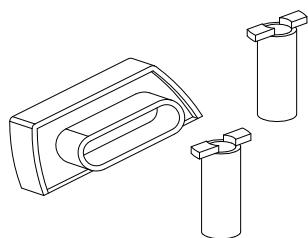
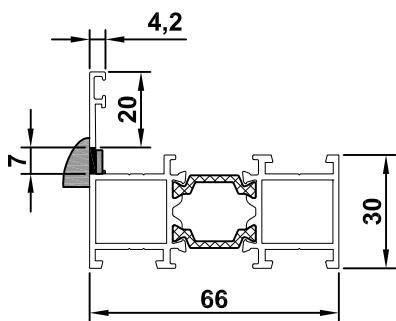
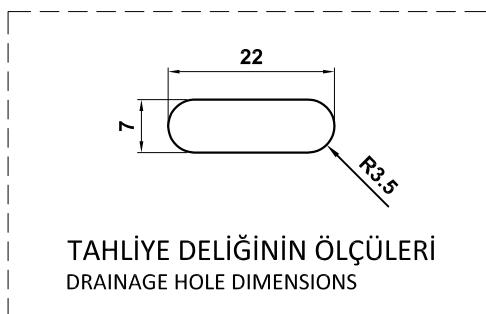
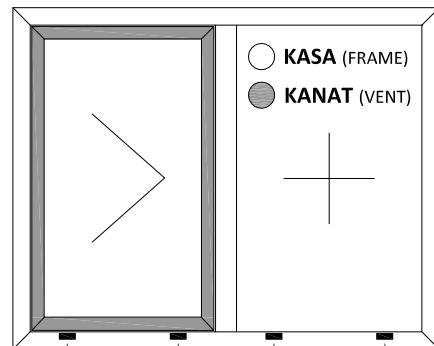




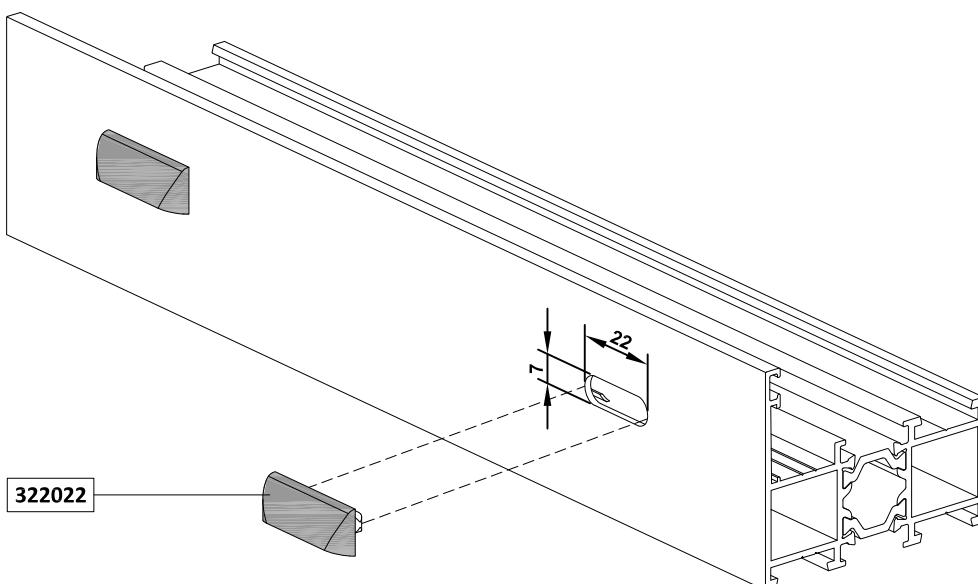
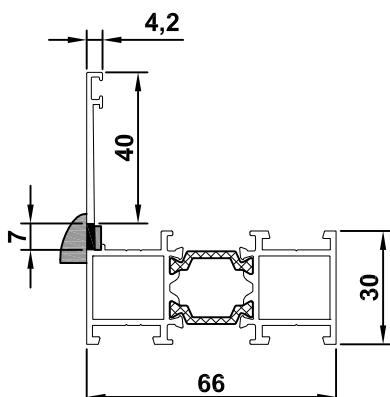
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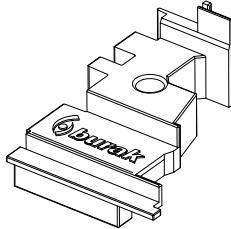
**181019****CAM ALTI DESTEK PARÇASI - 3 (AL.)**  
GLAZING SUPPORT - 3

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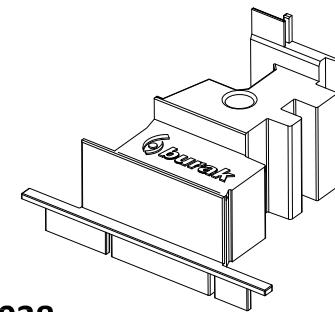
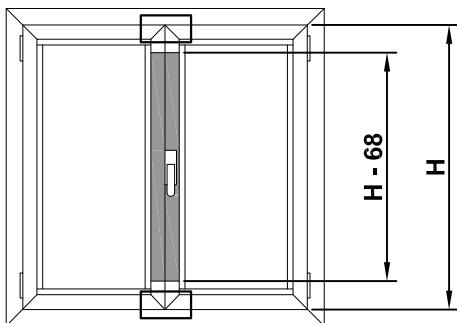
**322022**
**TAHLİYE KAPAĞI**  
 DRAINAGE SLOT COVER

**DIŞ GÖRÜNÜŞ**  
 OUTSIDE VIEW


TAHLİYE KAPAKLARI / DRAINAGE SLOT COVERS

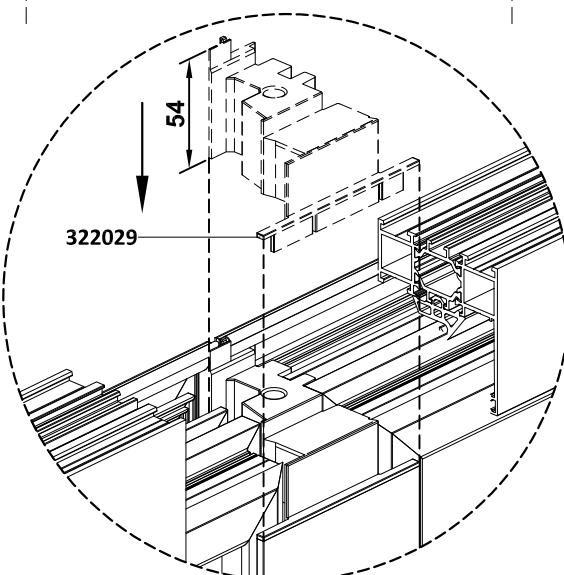
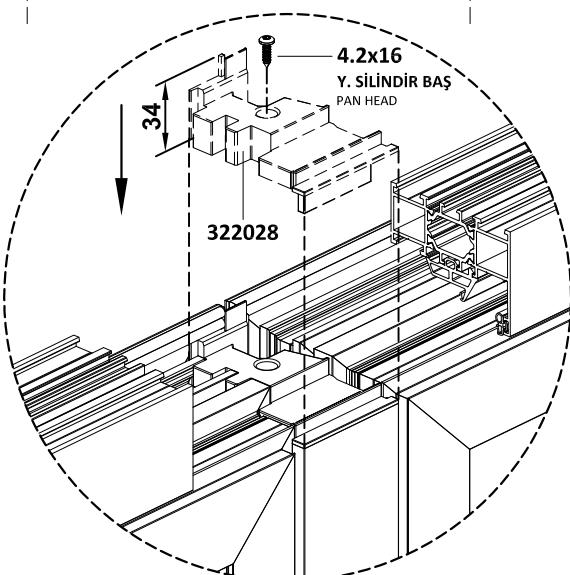
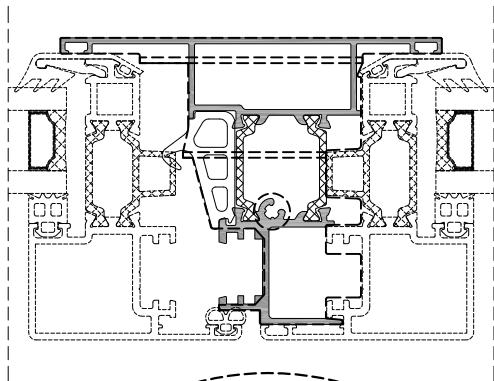
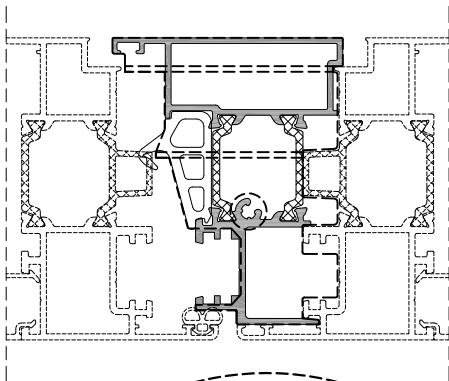
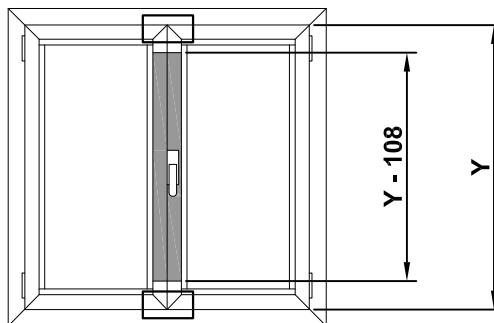


**322037****ÇİFT KANAT ADAPTÖR TAPASI**

ADAPTER PLUG FOR DOUBLE VENT WINDOWS  
(Alt ve üst olmak üzere ikili takımdır. / Using top and bottom one together as kit.)

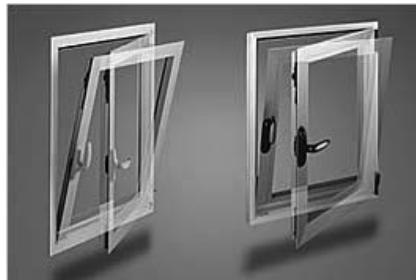
**322038****GİZLİ ÇİFT KANAT ADAPTÖR TAPASI**

ADAPTER PLUG FOR DOUBLE HIDDEN VENT WINDOWS  
(Alt ve üst olmak üzere ikili takımdır. / Using top and bottom one together as kit.)



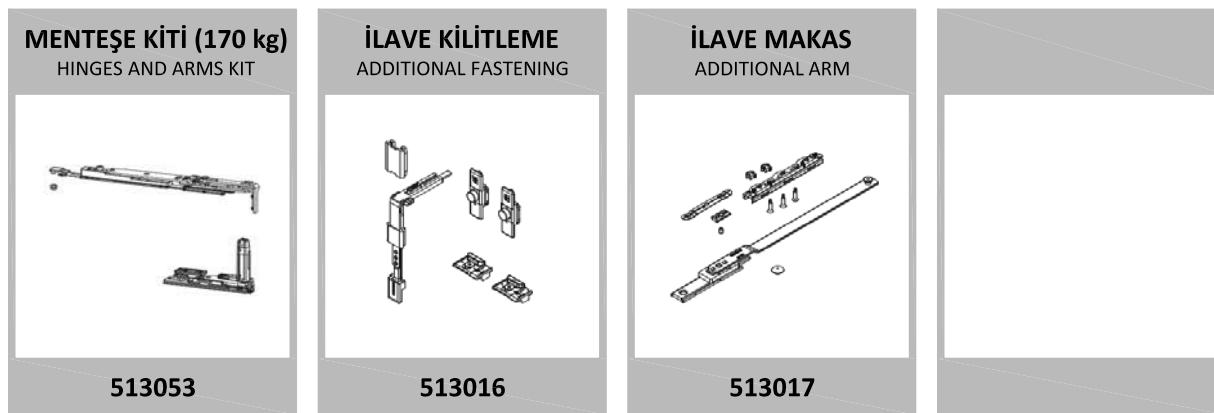
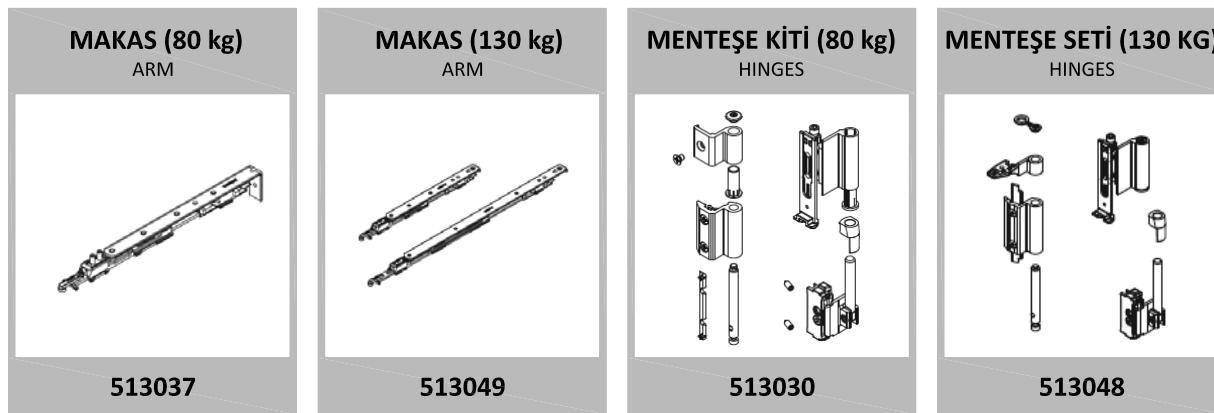
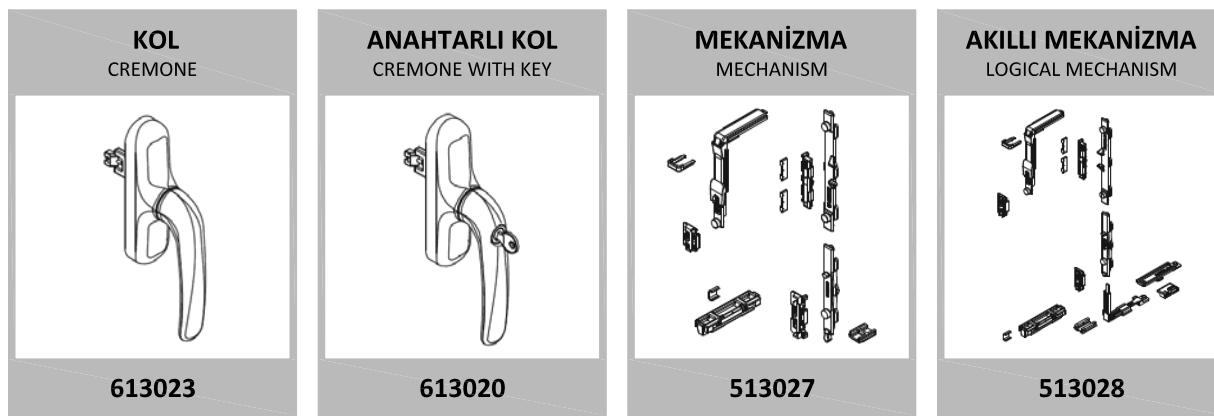
## ÇİFT AÇILIM AKSESUARLARI VE AÇILIM SETLERİ

### ACCESSORIES OF TILT&TURN OPENING KITS AND OPENING KITS



KANADIN AŞAĞIDAKİ ÖZELLİKLERİNE GÖRE VERİLEN TABLOLARDAN ÇİFT AÇILIM SETLERİNİN SEÇİMİ YAPILIR:  
CHOOSE A T&T KIT FROM GIVEN TABLES AS SPECIFICATIONS OF VENT:

- 1) KANAT AĞIRLIĞI / WEIGHT OF VENT
- 2) KANAT ÖLÇÜLERİ / DIMENSIONS OF VENT
- 3) KANADIN AÇILIM ÖNCELİĞİ (ONCE NORMAL / ONCE VASİSTAS)  
OPENING PRIORITY OF VENT (FIRST TILT OR FIRST TURN)
- 4) PVC KANALLILAR İÇİN AÇILIM YÖNÜ (SAĞ / SOL)  
OPENING SIDE FOR PROFILES WITH PVC GROOVE (RIGHT OR LEFT HAND)



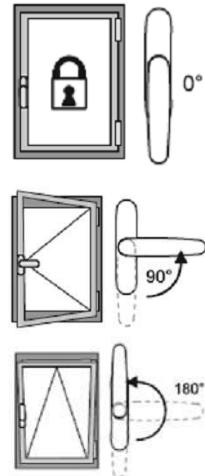
147

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## TABLO 1: 80 KG KAPASİTELİ ÇİFT AÇILIM SETLERİ

TABLE 1: TILT AND TURN OPENING KITS FOR 80 KG LOAD CAPACITY

SET KODU KIT CODE	<b>503001</b>	<b>503002</b>	<b>503003</b>	<b>503004</b>
KANAT ENİ (W) KANAT YÜKS. (H) SASH WIDTH AND HEIGHT	W:390-1000 H:600-1200	W:390-1000 H:1201-2500	W:1001-1300 H:600-1200	W:1301-1700 H:1201-2500
KOL CREMONE	613023	613023	613023	613023
MENTEŞE KİTİ HINGES	513030	513030	513030	513030
MEKANİZMA MECHANISM	513027	513027	513027	513027
MAKAS ARM	513037	513038	513038	513038
İLAVE KİLİTLEME ADDITIONAL FASTENING	-	513016	513016	513016 (2 ADET)
İLAVE MAKAS * ADDITIONAL ARM	-	-	513017	513017



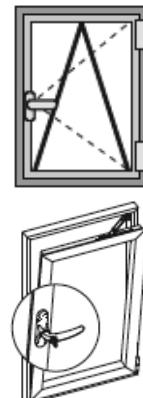
\*KANAT 60 KG'DAN AĞIR İSE KULLANILIR.

\*IF THE WEIGHT OF VENT IS 60 KG, YOU HAVE TO USE ADDITIONAL ARM.

## TABLO 2: 80 KG KAPASİTELİ AKILLI ÇİFT AÇILIM SETLERİ

TABLE 2: LOGICAL TILT AND TURN OPENING KITS FOR 80 KG LOAD CAPACITY

SET KODU KIT CODE	<b>503005</b>	<b>503006</b>	<b>503007</b>	<b>503010</b>
KANAT ENİ (W) KANAT YÜKS. (H) SASH WIDTH AND HEIGHT	W:390-1000 H:600-1200	W:390-1000 H:1201-2500	W:1001-1300 H:600-1200	W:1301-1700 H:1201-2500
KOL CREMONE	613020	613020	613020	613020
MENTEŞE KİTİ HINGES	513030	513030	513030	513030
MEKANİZMA MECHANISM	513028	513028	513028	513028
MAKAS ARM	513035	513029	513029	513029
İLAVE KİLİTLEME ADDITIONAL FASTENING	-	513016	513016	513016 (2 ADET)
İLAVE MAKAS * ADDITIONAL ARM	-	-	513017	513017



\*KANAT 60 KG'DAN AĞIR İSE KULLANILIR.

\*IF THE WEIGHT OF VENT IS 60 KG, YOU HAVE TO USE ADDITIONAL ARM.

**NOT: AKILLI ÇİFT AÇILIMDA KANAT ÖNCESİ VASİSTAS SONRA NORMAL AÇILIR.**  
NOTE: LOGICAL TILT&TURN MEANS TILT FIRST.

**TABLO 3: 130 KG KAPASİTELİ ÇİFT AÇILIM SETLERİ**

TABLE 3: TILT AND TURN OPENING KITS FOR 130 KG LOAD CAPACITY

SET KODU KIT CODE	<b>503011</b>	<b>503012</b>	<b>503013</b>	<b>503014</b>	<b>503015</b>	<b>503016</b>
KANAT ENİ (W) KANAT YÜKS. (H) SASH WIDTH AND HEIGHT	W:390-550 H:600-1200	W:390-550 H:1201-2500	W:551-1000 H:600-1200	W:551-1000 H:1201-2500	W:1001-1700 H:600-1200	W:1001-1800 H:1201-3000
KOL CREMONE	613023	613023	613023	613023	613023	613023
MENTEŞE KİTİ HINGES	513048	513048	513048	513048	513048	513048
MEKANİZMA MECHANISM	513027	513027	513027	513027	513027	513027
MAKAS ARM	513049	513050	513050	513050	513050	513050
İLAVE KİLİTLEME ADDITIONAL FASTENING	-	513016	-	513016	513016	513016 (2 AD)
İLAVE MAKAS * ADDITIONAL ARM	-	-	-	-	513017	513017

\*KANAT 60 KG'DAN AĞIR İSE KULLANILIR.

\*IF THE WEIGHT OF VENT IS 60 KG, YOU HAVE TO USE ADDITIONAL ARM.

**TABLO 4: 130 KG KAPASİTELİ AKILLI ÇİFT AÇILIM SETLERİ**

TABLE 4: LOGICAL TILT AND TURN OPENING KITS FOR 130 KG LOAD CAPACITY

SET KODU KIT CODE	<b>503017</b>	<b>503018</b>	<b>503019</b>	<b>503020</b>	<b>503021</b>	<b>503022</b>
KANAT ENİ (W) KANAT YÜKS. (H) SASH WIDTH AND HEIGHT	W:390-550 H:600-1200	W:390-550 H:1201-2500	W:551-1000 H:600-1200	W:551-1000 H:1201-2500	W:1001-1700 H:600-1200	W:1001-1800 H:1201-3000
KOL CREMONE	613020	613020	613020	613020	613020	613020
MENTEŞE KİTİ HINGES	513048	513048	513048	513048	513048	513048
MEKANİZMA MECHANISM	513028	513028	513028	513028	513028	513028
MAKAS ARM	513051	513052	513052	513052	513052	513052
İLAVE KİLİTLEME ADDITIONAL FASTENING	-	513016	-	513016	513016	513016 (2 AD)
İLAVE MAKAS * ADDITIONAL ARM	-	-	-	-	513017	513017

\*KANAT 60 KG'DAN AĞIR İSE KULLANILIR.

\*IF THE WEIGHT OF VENT IS 60 KG, YOU HAVE TO USE ADDITIONAL ARM.

NOT: AKILLI ÇİFT AÇILIMDA KANAT ÖNCE VASİSTAS SONRA NORMAL AÇILIR.

NOTE: LOGICAL TILT&amp;TURN MEANS TILT FIRST.

## TABLO 5: 170 KG KAPASİTELİ GİZLİ MENTEŞELİ ÇİFT AÇILIM SETLERİ

TABLE 5: TILT AND TURN OPENING KITS FOR HIDDEN VENTS UP TO 170 KG

SET KODU KIT CODE	SAĞA AÇILAN RIGHT HAND				SOLA AÇILAN LEFT HAND			
	503023	503024	503025	503026	503031	503032	503033	503034
KANAT ENİ (W) KANAT YÜKS. (H) SASH WIDTH AND HEIGHT	430-640 600-1200	641-1000 1201-2500	1001-1300 600-2500	1301-1700 1201-2500	430-640 600-1200	641-1000 1201-2500	1001-1300 600-2500	1301-1700 1201-2500
KOL CREMONE	613023	613023	613023	613023	613023	613023	613023	613023
MENTEŞE VE MAKAS KİTİ-SAĞ ** HINGES AND ARMS KIT - RIGHT	513053	513054	513054	513054	-	-	-	-
MENTEŞE VE MAKAS KİTİ-SOL ** HINGES AND ARMS KIT - LEFT	-	-	-	-	513055	513056	513056	513056
MEKANİZMA MECHANISM	513027	513027	513027	513027	513027	513027	513027	513027
İLAVE KİLİTLEME ADDITIONAL FASTENING	-	513016	513016	513016 <b>(2 ADET)</b>	-	513016	513016	513016 <b>(2 ADET)</b>
İLAVE MAKAS * ADDITIONAL ARM	-	-	513017	513017	-	-	513017	513017

## TABLO 6: 170 KG KAPASİTELİ GİZLİ MENTEŞELİ AKILLI ÇİFT AÇILIM SETLERİ

TABLE 6: LOGICAL TILT AND TURN OPENING KITS FOR HIDDEN VENTS UP TO 170 KG

SET KODU KIT CODE	SAĞA AÇILAN RIGHT HAND				SOLA AÇILAN LEFT HAND			
	503027	503028	503029	503030	503035	503036	503037	503038
KANAT ENİ (W) KANAT YÜKS. (H) SASH WIDTH AND HEIGHT	430-640 600-1200	641-1000 1201-2500	1001-1300 600-2500	1301-1700 1201-2500	430-640 600-1200	641-1000 1201-2500	1001-1300 600-2500	1301-1700 1201-2500
KOL CREMONE	613020	613020	613020	613020	613020	613020	613020	613020
MENTEŞE VE MAKAS KİTİ-SAĞ ** HINGES AND ARMS KIT - RIGHT	513057	513058	513058	513058	-	-	-	-
MENTEŞE VE MAKAS KİTİ-SOL ** HINGES AND ARMS KIT - LEFT	-	-	-	-	513059	513060	513060	513060
MEKANİZMA MECHANISM	513028	513028	513028	513028	513028	513028	513028	513028
İLAVE KİLİTLEME ADDITIONAL FASTENING	-	513016	513016	513016 <b>(2 ADET)</b>	-	513016	513016	513016 <b>(2 ADET)</b>
İLAVE MAKAS * ADDITIONAL ARM	-	-	513017	513017	-	-	513017	513017

\*KANAT 60 KG'DAN AĞIR İSE KULLANILIR.

\*IF THE WEIGHT OF VENT IS 60 KG, YOU HAVE TO USE ADDITIONAL ARM.

\*\*KANAT AÇILIM YÖNÜNE GÖRE (SAĞ/SOL) SET SEÇİMİ YAPILMALIDIR.

\*\*YOU HAVE TO CHOOSE YOUR KIT AS OPENING SIDE OF YOUR VENT.

NOT: AKILLI ÇİFT AÇILIMDA KANAT ÖNCÉ VASİTAS SONRA NORMAL AÇILIR.

NOTE: LOGICAL TILT&TURN MEANS TILT FIRST.



## TABLO 7: PVC KANALLI PROFİLLER İÇİN AÇILIM SETLERİ

### TABLE 7: OPENING KITS FOR PROFILES WITH PVC GROOVE



#### SETLERİN İÇERİĞİ: CONTENTS OF THE KITS:

- KOL  
HANDLE
- MENTEŞELER  
HINGES
- MAKASLAR  
FRICTION HINGES
- İSPANYOLET TİJ  
CONNECTION ROAD
- KİLİTLEME PARÇALARI  
LOCKING PIECES

**ÇİFT AÇILIM MENTEŞESİ / HINGES OF TILT AND TURN KIT**

SET TIPLERİ TYPES OF KITS	SAĞA AÇILAN RIGHT HAND	SOLA AÇILAN LEFT HAND
<b>ÇİFT AÇILIM SETİ TILT AND TURN KIT</b>	<b>503008</b>	<b>503009</b>
<b>TEK AÇILIM SETİ SIDE HUNG WINDOW OPENING KIT</b>	<b>773002</b>	<b>773003</b>
<b>2. KANAT İÇİN AÇILIM SETİ SECONDARY SASH OPENING KIT</b>	<b>773005</b>	<b>773006</b>
<b>2. KANAT İÇİN AÇILIM SETİ (LEVYE KOLLU) SECONDARY SASH OPENING KIT WITH TWO-WAY BOLT</b>	<b>773007</b>	<b>773008</b>

**\*KANAT MAKSİMUM 100 KG AĞIRLIĞINDA , GENİŞLİĞİ 500-1600 MM , YÜKSEKLİĞİ 950-2450 MM OLABİLİR.**  
\*MAX. CAPACITY OF EACH VENT: 100 KG , VENT WIDTH: 500-1600 MM , VENT HEIGHT: 950-2450 MM

<b>VASİSTAS AÇILIM SETİ ** BOTTOM-HUNG WINDOW OPENING KIT</b>	<b>773004</b>
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**\*\*KANAT GENİŞLİĞİ 400-1400 MM , KANAT YÜKSEKLİĞİ 400-1000 MM OLABİLİR.**  
\*\*VENT WIDTH: 400-1400 , VENT HEIGHT: 400-1000 MM

#### ÖNEMLİ NOT / IMPORTANT NOTE:

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

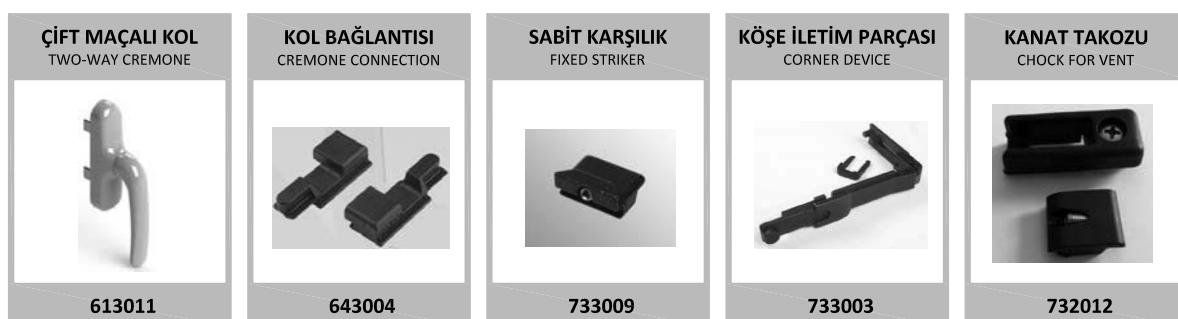
1-KANAT VE DOĞRAMA ÖLÜMLERİ NEDİR? / VENT AND FRAME DIMENSIONS AS YOU CAN SEE ON LEFT SIDE?

2-KANAT AÇILIM YÖNÜNÜ İÇİN BAKILDIGINDA NEDİR? / WHAT IS THE INTERNAL OPENNING DIRECTION?

## TABLO 8: TEK AÇILIM İÇİN KİLİTLEME SETLERİ

TABLE 8: LOCKING KITS FOR SIDE HUNG OPENING

		ÇİFT MAÇALI KOL KİLİTLEME SETİ / DOUBLE RAIL HANDLE LOCKING KIT			
KOD CODE	ÜRÜN TANIMI PRODUCT DESCRIPTION	L<1000 H<1400	L<1000 H>1400	L>1000 H<1400	L>1000 H>1400
613011	ÇİFT MAÇALI KOL TWO-WAY CREMONE	1	1	1	1
643004	ÇİFT MAÇALI KOL BAĞLANTISI TWO-WAY CREMONE CONNECTION	1	1	1	1
733002	KİLİTLEME PİMİ LOCKING PIN	2	4	4	10
733009	SABİT KARŞILIK FIXED STRIKER	2	6	6	14
733003	KÖŞE İLETİM PARÇASI CORNER DEVICE	-	2	2	4
732012	KANAT SARKMA TAKOZU CHOCK FOR VENTS	1	1	1	1



152

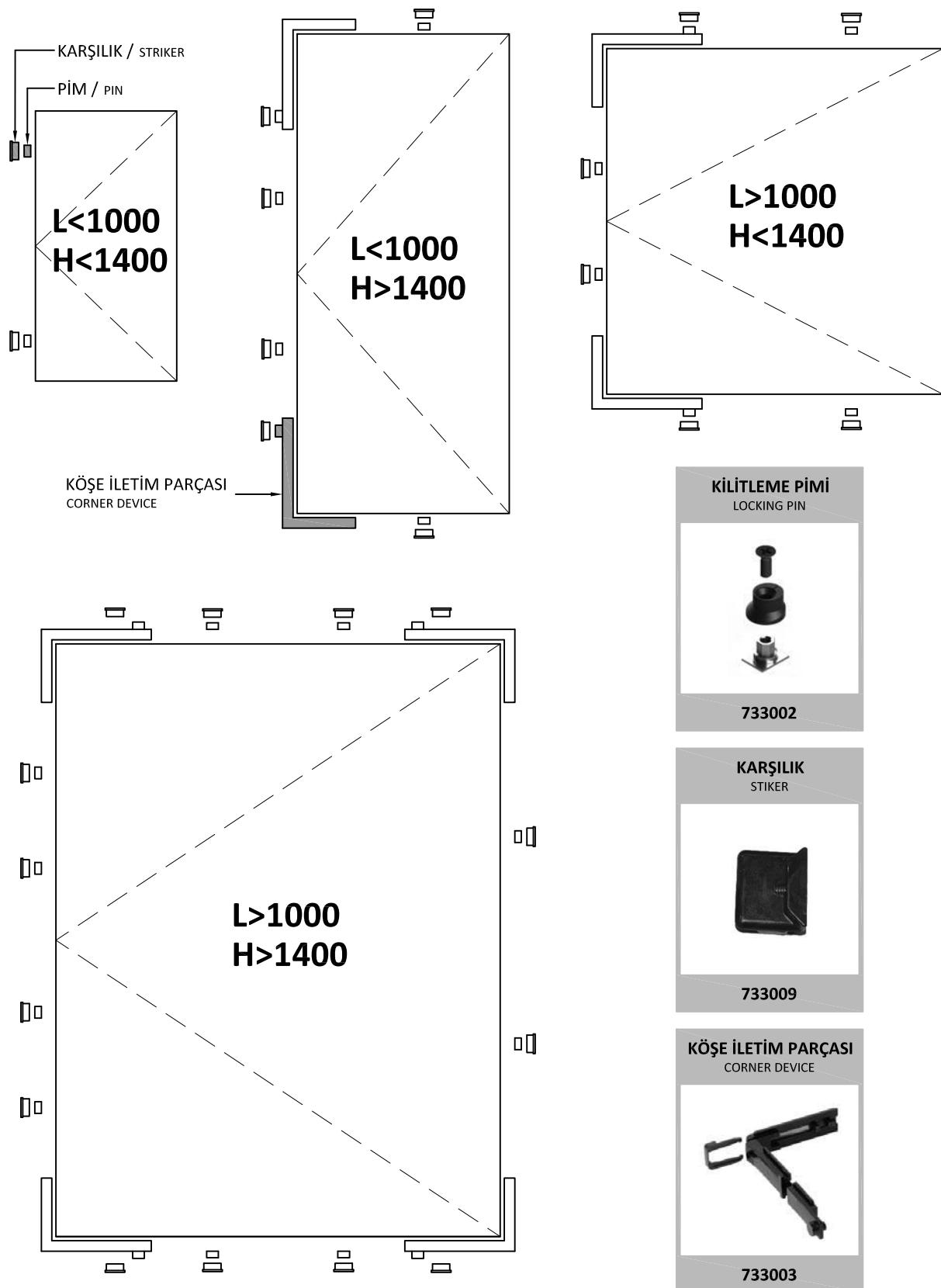
## TABLO 9: GİZLİ DIŞA AÇILIM MAKASLARI

TABLE 9: HIDDEN OUTER OPENING ARMS

KOD CODE	ÜRÜN TANIMI PRODUCT DESCRIPTION	MAKAS ARM (mm)	DİŞA TERS VASİSTAS AÇILIM TOP-HUNG OPENING				DİŞA NORMAL AÇILIM SIDE-HUNG OPENING			
			MAX.AÇI M.ANGLE	MAX.YÜK M.HEIGHT	MAX.GN M.WIDTH	MAX.AĞ MAX.W(kg)	MAX.AÇI M.ANGLE	MAX.YÜK M.HEIGHT	MAX.GN M.WIDTH	MAX.AĞ MAX.W(kg)
443004	10" KÜÇÜK MAKAS 10" SMALL ARM	259	50°	650	1500	50	50° 84°	1500	650	35
443005	16" ORTA MAKAS 16" MEDIUM ARM	412	30° 50°	800	1500	100 55	30° 50°/90°	1600	700	60 42
443006	22" GENİŞ MAKAS 22" LARGE ARM	567	20° 45°	1500	1700	100 80	-			
443007	26" BÜYÜK MAKAS 26" BIG ARM	711	15°	2000	1700	100	-			

## ŞEMA 1: TEK AÇILIM İÇİN KİLİTLEME ŞEMALARI

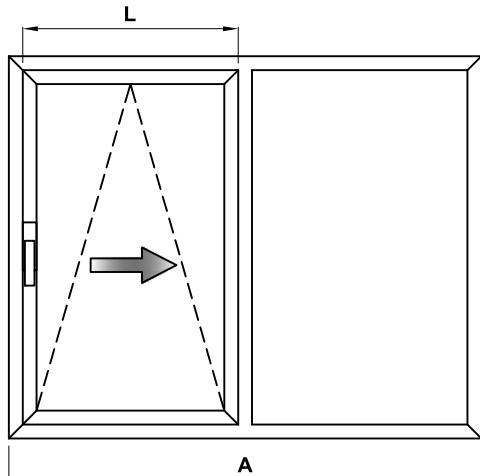
SCHEME 1: LOCKING SCHEMES FOR SIDE HUNG OPENING



## PARALEL SÜRME AKSESUAR SETİ

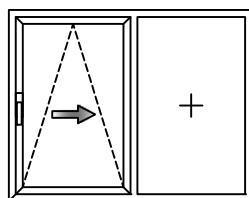
PARALLEL SLIDE AND TILT KIT

# [543005]

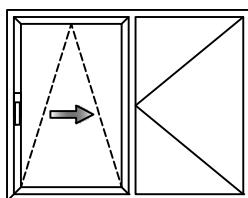


- \* SİPARİŞ VERİLİRKEN ŞU BİLGİLER GEREKMEKTEDİR:
- 1-ŞEMA TİPİ NEDİR? (AŞAĞIDAKİ ŞEMALARA BAKINIZ)
- 2-YANDA GÖRÜLEN H , L , A ÖLÇÜLERİ NEDİR?
- 3-KANAT AÇILIM YÖNÜNÜ İÇİN BAKILDIGINDA NEDİR?
- 4-DİŞ KOL İLE KİLİTLEME İSTENİYOR MU?
- 5-MEKANİZMA TAM MI YARI OTOMATİK Mİ OLACAK?

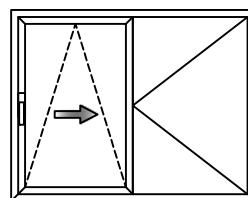
- \* WHEN TO ORDER, PLEASE INFORM US ABOUT THESE QUESTIONS:
- 1-WHAT IS THE SCHEME TYPE? (PLEASE LOOK BELOW SCHEME.)
- 2-WHAT ARE THESE H,L,A DIMENSIONS AS YOU CAN SEE ON LEFT SIDE?
- 3-WHAT IS THE INTERNAL OPENNING DIRECTION? (LEFT OR RIGHT)
- 4-DO YOU WANT OUTER HANDLE WITH LOCK?
- 5-WHETHER THE MECHANISM IS AUTOMATIC OR SEMI-AUTOMATIC.



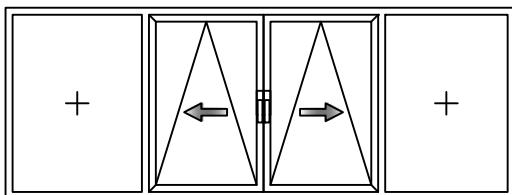
ŞEMA A



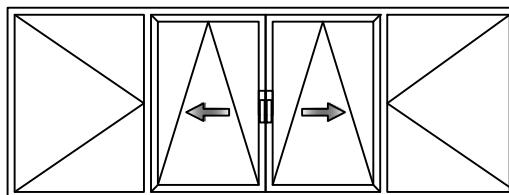
ŞEMA A2



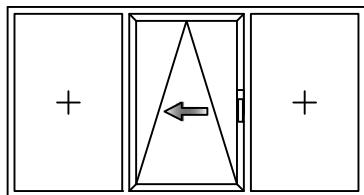
ŞEMA D (orta kayıtsız / without mullion)



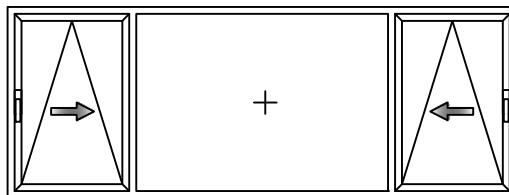
ŞEMA C



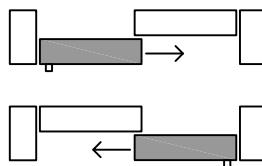
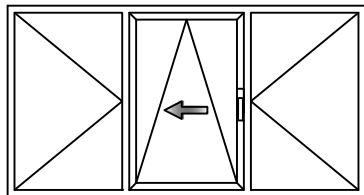
ŞEMA C2



ŞEMA G



ŞEMA K

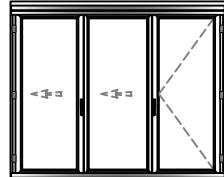


DIN YÖNÜ: SOL

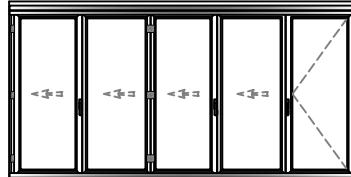
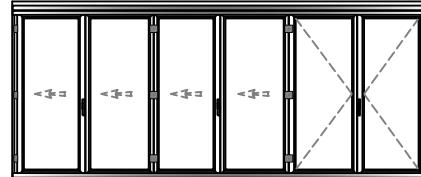
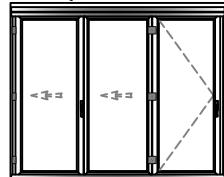
DIN YÖNÜ: SAĞ

## KATLANIR KAPI VE PENCERE AKSESUAR SETİ

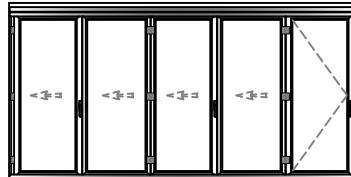
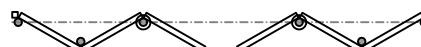
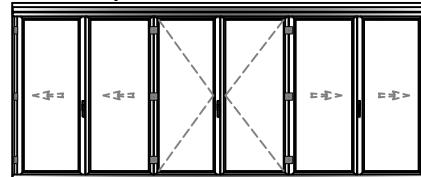
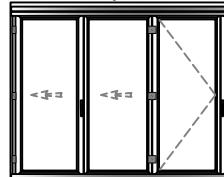
### FOLDING DOOR&WINDOWS ACCESSORY KIT

**533004 (321)**2 katlanır kanat,  
1 tek açılım kanadı**533018 (541)**

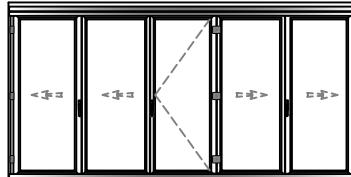
4 katlanır kanat, 1 tek açılım kanadı

**533021 (651)**4 katlanır kanat, 1 pasif tek açılım kanadı,  
1 aktif tek açılım kanadı**533016 (330)**2 katlanır kanat,  
1 tek açılım kanadı**533019 (550)**

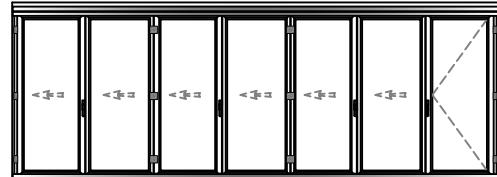
4 katlanır kanat, 1 tek açılım kanadı

**533022 (633)**4 katlanır kanat, 1 pasif tek açılım kanadı,  
1 aktif tek açılım kanadı**533017 (431)**2 katlanır, 1 pasif tek açılım,  
1 aktif tek açılım kanadı**533020 (532)**

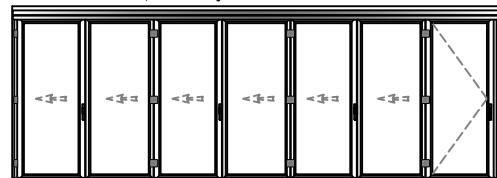
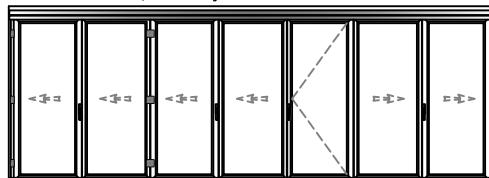
4 katlanır kanat, 1 tek açılım kanadı

**533024 (761)**

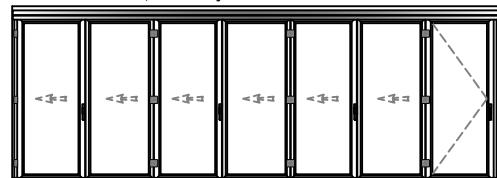
6 katlanır kanat, 1 tek açılım kanadı

**533023 (743)**

6 katlanır kanat, 1 tek açılım kanadı

**533025 (770)**

6 katlanır kanat, 1 tek açılım kanadı

**\*KANATLAR MAKİMUM 80 KG AĞIRLIĞINDA , GENİŞLİKLERİ 400-1000 MM , YÜKSEKLİKLERİ 730-2400 MM****ARALIĞINDA YAPILABİLİR. GEÇİŞ KANADI İSTEĞE GÖRE TEK Veya ÇİFT AÇILIŞ YAPILABİLİR.**

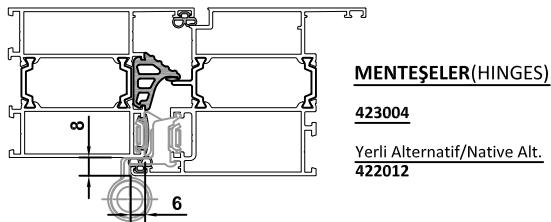
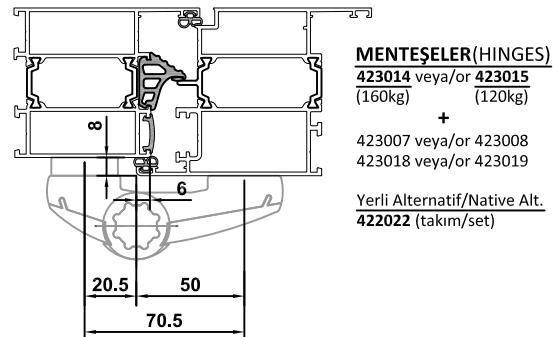
\*MAX. CAPACITY OF EACH VENT: 80 KG , VENT WIDTH: 400-1000 MM , VENT HEIGHT: 730-2400 MM  
THE GATE VENT CAN BE PRODUCED SIDE HUNG OR TILT AND TURN OPENING AS YOUR CHOICE.

**\*SİPARİŞ VERİLİRKEN ŞU BİLGİLER GEREKMEDİR / WHEN TO ORDER, PLEASE INFORM US ABOUT THESE QUESTIONS:****1-ŞEMA TİPİ NEDİR? / WHAT IS THE SCHEME TYPE?****2-KANAT VE DOĞRAMA ÖLÇÜLERİ NEDİR? / VENT AND FRAME DIMENSIONS AS YOU CAN SEE ON LEFT SIDE?****3-KANAT AÇILIŞ YÖNÜNÜ İÇİN BAKILDIGINDA NEDİR? / WHAT IS THE INTERNAL OPENING DIRECTION?****4-DİŞ KOL İLE KİLİTLEME İSTENİYOR MU? / DO YOU WANT OUTER HANDLE WITH LOCK?****5-MEKANİZMA EŞİKLİ Mİ EŞİKSİZ Mİ OLACAK? / WHETHER THE MECHANISM IS WITH OR WITHOUT THRESHOLD.**

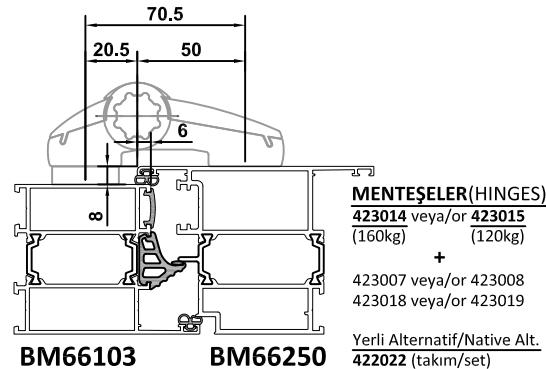
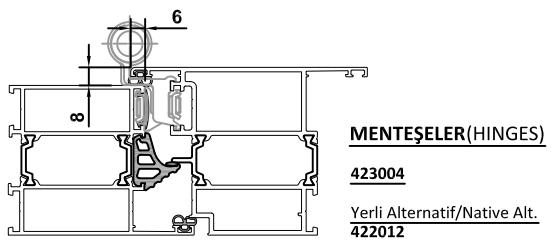
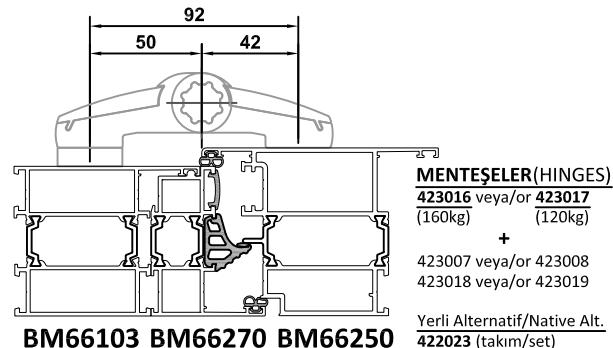
**BİNİLİ KAPILAR İÇİN MENTEŞE BAĞLANTI DETAYLARI**

HINGE CONNECTION DETAILS FOR THE STEP HINGE DOORS

İÇE AÇILIR BİNİLİ KAPILAR / INWARD OPENNING STEP HINGE DOORS

**BİNİLİ KAPILAR**  
STEP HINGE DOORS**BM66103      BM66117****BM66103      BM66117**

DİŞA AÇILIR BİNİLİ KAPILAR / OUTWARD OPENNING STEP HINGE DOORS

**BİNİLİ KAPILAR**  
STEP HINGE DOORS**BM66103      BM66250****BM66103      BM66270      BM66250**

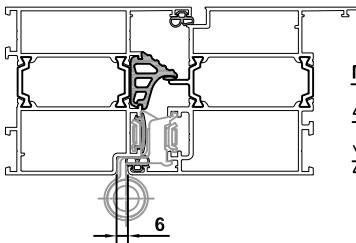
## HEMYÜZ KAPILAR İÇİN MENTEŞE BAĞLANTI DETAYLARI

### HINGE CONNECTION DETAILS FOR THE FLUSH DOORS

İÇE AÇILIR HEMYÜZ KAPILAR / INWARD OPENNING FLUSH DOORS

**HEMYÜZ KAPILAR**  
FLUSH DOORS

**BM66143**



**BM66117**

**MENTEŞELER(HINGES)**

423004

Yerli Alternatif/Native Alt.  
422012

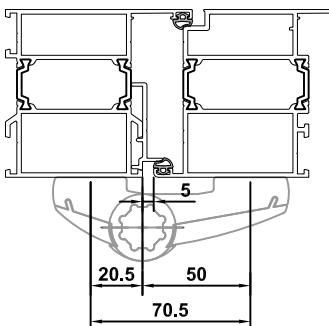
**BM66117**

**BM66143**

**MENTEŞELER(HINGES)**  
423014 veya/or 423015  
(160kg) + (120kg)

423007 veya/or 423008  
Yerli Alternatif/Native Alt.  
422015 (takım/set)

**BM66246**



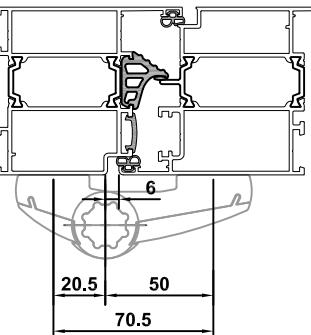
**BM66248**

**MENTEŞELER(HINGES)**

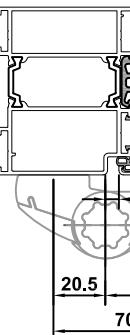
423014 veya/or 423015  
(160kg) + (120kg)

423007 veya/or 423008  
Yerli Alternatif/Native Alt.  
422015 (takım/set)

**BM66143**



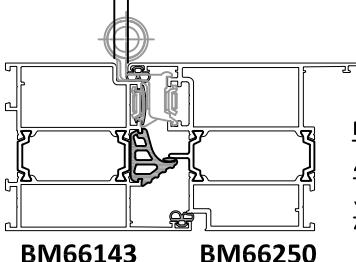
**BM66117**



DIŞA AÇILIR HEMYÜZ KAPILAR / OUTWARD OPENNING FLUSH DOORS

**HEMYÜZ KAPILAR**  
FLUSH DOORS

**BM66143**

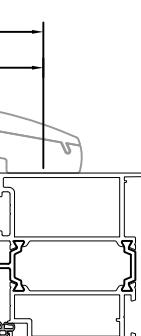
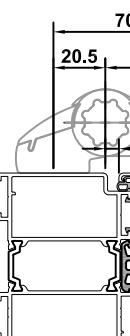


**BM66250**

**MENTEŞELER(HINGES)**

423004

Yerli Alternatif/Native Alt.  
422012

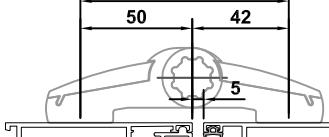


**HEMYÜZ KAPILAR**  
FLUSH DOORS

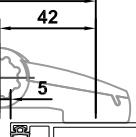
**MENTEŞELER(HINGES)**  
423014 veya/or 423015  
(160kg) + (120kg)

423007 veya/or 423008  
Yerli Alternatif/Native Alt.  
422015 (takım/set)

**BM66246**



**BM66252**



**MENTEŞELER(HINGES)**

423016 veya/or 423017  
(160kg) + (120kg)

423007 veya/or 423008

Yerli Alternatif/Native Alt.  
422021 (takım/set)

**BM66249**



# BM 66

**70,5mm KAPI MENTEŞESİ (160KG)**  
70,5mm DOOR HINGE

\*KAPASİTESİ: 160 KG (3 AD)  
\* CAPACITY: 160 KG (3 PCS)

**423014**

**70,5mm KAPI MENTEŞESİ (120KG)**  
70,5mm DOOR HINGE

\*KAPASİTESİ: 120 KG (3 AD)  
\* CAPACITY: 120 KG (3 PCS)

**423015**

**8MM BURÇLU BİNİ PARÇASI**  
8MM STEP PIECE WITH BUSHES FOR DOOR HINGES

\*423007 İLE KULLANILIR.  
\* IT IS USED WITH 423007.

**423018**

**92mm KAPI MENTEŞESİ (160KG)**  
92mm DOOR HINGE

\*KAPASİTESİ: 160 KG (3 AD)  
\* CAPACITY: 160 KG (3 PCS)

**423016**

**92mm KAPI MENTEŞESİ (120KG)**  
92mm DOOR HINGE

\*KAPASİTESİ: 120 KG (3 AD)  
\* CAPACITY: 120 KG (3 PCS)

**423017**

**8MM BİNİ PARÇASI**  
8MM STEP PIECE FOR DOOR HINGES

\*423008 İLE KULLANILIR.  
\* IT IS USED WITH 423008.

**423019**

**KAPI MENTEŞESİ MONTAJ KİTİ**  
DOOR HINGES COUNTERPLATE KIT

**423007**

**MENTEŞE M12x55 BAĞLANTI VİDASI**  
DIRECT SCREW FOR DOOR HINGES

\*1 MENTEŞEDE 4 ADET KULLANILIR.  
\* IT IS USED 4 PIECES PER HINGE.

**423008**

**TELESKOPİK AYAR VİDASI**  
TELESCOPIC SPACER FOR DOOR HINGES

\*DİŞA AÇILIR KANATTA 423007 İLE KULLANILABİLİR.  
\* IT CAN BE USED WITH 423007 IN OUTWARD OPENING.

**423009**

**70,5mm BİNİLİ KAPI MENTEŞESİ**  
70,5mm STEP HINGE FOR DOORS



\*BAĞLANTI VİDALARI DAHİLDİR.  
\* FIXING SCREWS ARE INCLUDED.

**422022\***

**70,5mm HEMYÜZ KAPI MENTEŞESİ**  
70,5mm HINGE FOR FLUSH DOORS



\*BAĞLANTI VİDALARI DAHİLDİR.  
\* FIXING SCREWS ARE INCLUDED.

**422015\***

**92mm BİNİLİ KAPI MENTEŞESİ**  
92mm STEP HINGE FOR FLUSH DOORS



\*BAĞLANTI VİDALARI DAHİLDİR.  
\* FIXING SCREWS ARE INCLUDED.

**422023\***

**92mm HEMYÜZ KAPI MENTEŞESİ**  
92mm HINGE FOR FLUSH DOORS



\*BAĞLANTI VİDALARI DAHİLDİR.  
\* FIXING SCREWS ARE INCLUDED.

**422021\***

**159**

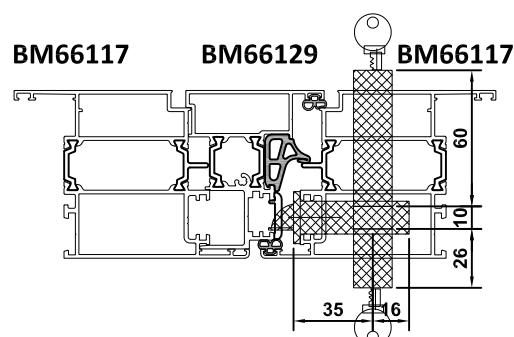
**\* YERLİ AKSESUAR / NATIVE ACCESSORY**

 **burak**  
alüminyum

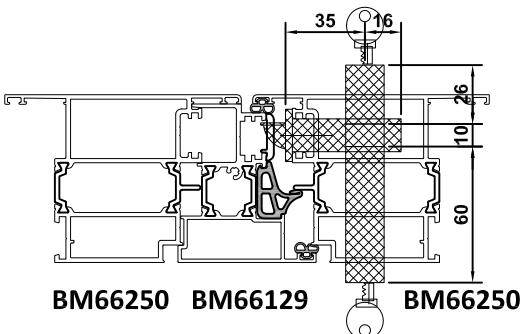
Her hakkı saklıdır ; 2014. Burak Alüminyum'un izni olmadan kopya edilemez, çoğaltılamaz ve yayımlanamaz.  
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**KAPI KİLİTLEME SETLERİ**

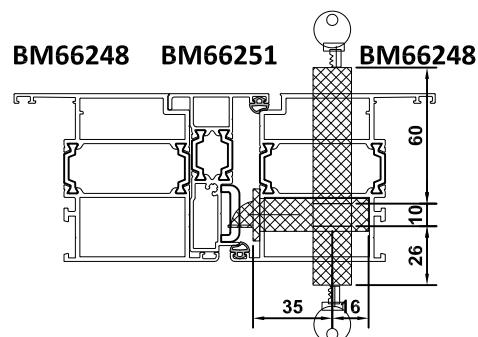
DOOR LOCKING KITS

**BİNİLİ KAPILAR / STEP HINGE DOORS**

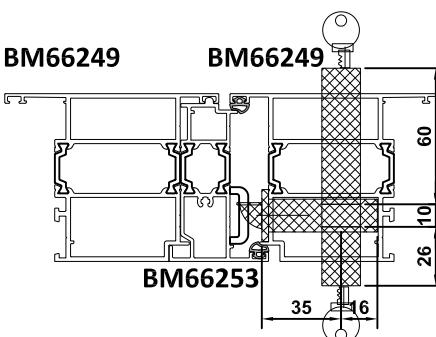
İÇE AÇILIR KAPI / INWARD OPENNING DOOR



DİŞA AÇILIR KAPI / OUTWARD OPENNING DOOR

**HEMYÜZ KAPILAR / FLUSH DOORS**

İÇE AÇILIR KAPI / INWARD OPENNING DOOR



DİŞA AÇILIR KAPI / OUTWARD OPENNING DOOR

**TABLO 10: KAPILAR İÇİN KİLİTLEME SETLERİ TABLOSU**

TABLE 10: TABLE FOR DOOR LOCKING KITS

KAPI TIPLERİ DOOR TYPES	DİLLİ KİLİT LOCK WITH BOLT	MAKARALI KİLİT LOCK WITH ROLLER	KARŞILIK (DİLLİ) STRIKER (BOLT)	KARŞILIK (MAKİ.) STRIKER (ROLLER)	BARELLER CYLINDERS
BİNİLİ KAPI STEP DOOR	<b>712010</b>	<b>712016</b>	<b>732021</b>	<b>732022</b>	<b>722040</b>
HEMYÜZ KAPI FLUSH DOOR	<b>712010</b>	<b>712016</b>	<b>732023</b>	<b>732024</b>	<b>722040</b>

DİLLİ KİLİT  
LOCK WITH RAIL



712010

MAKARALI KİLİT  
LOCK WITH ROLLER



712016

96mm BAREL  
96mm CYLINDER



722040

DİLLİ KİLİT KARŞILIĞI  
STRIKER FOR LOCK WITH RAIL



732021

MAKARALI KİLİT KARŞILIĞI  
STRIKER FOR LOCK WITH ROLLER



732022

DİLLİ KİLİT KARŞILIĞI (HEMYÜZ)  
FLUSH STRIKER FOR LOCK WITH RAIL



732023

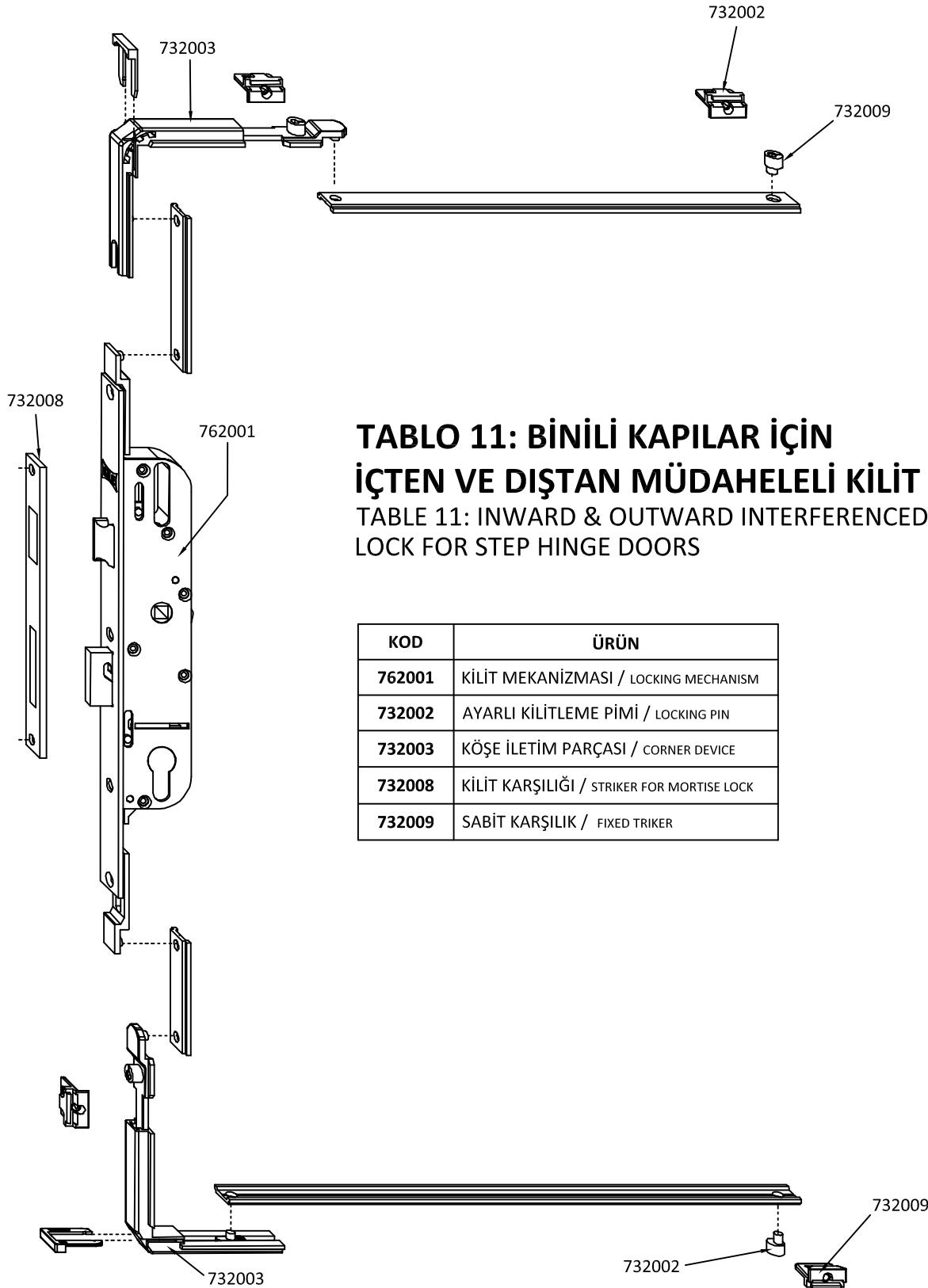
MAKARALI KİLİT KARŞILIĞI (HEMYÜZ)  
FLUSH STRIKER FOR LOCK WITH ROLLER



732024

## KAPI KİLİTLEME SETİ

### DOOR LOCKING KIT



**TABLO 11: BİNİLİ KAPILAR İÇİN  
İÇTEN VE DIŞTAN MÜDAHELELİ KİLİR**  
TABLE 11: INWARD & OUTWARD INTERFERENCED  
LOCK FOR STEP HINGE DOORS

KOD	ÜRÜN
762001	KİLİR MEKANİZMASI / LOCKING MECHANISM
732002	AYARLI KİLİTLEME PİMİ / LOCKING PIN
732003	KÖŞE İLETİM PARÇASI / CORNER DEVICE
732008	KİLİR KARŞILIĞI / STRIKER FOR MORTISE LOCK
732009	SABİT KARŞılıK / FIXED TRIKER

**PENCERE MENTEŞESİ (75 KG)**  
WINDOW HINGE

\*KAPASİTE: 85KG (3AD)  
\*CAPACITY: 85 KG (3 PCS)

**413004**

**PENCERE MENTEŞESİ**  
WINDOW HINGE

**412013\***

**POLYAMİD TİJ**  
POLYAMIDE CONNECTION ROD

**733007**

**AYARLI KAPI MENTEŞESİ (100 KG)**  
ADJUSTABLE DOOR HINGE

\*KAPASİTESİ: 120 KG (3 AD)  
\* CAPACITY: 120 KG (3 PCS)

**423004**

**AYARLI KAPI MENTEŞESİ**  
ADJUSTABLE DOOR HINGE

**422012\***

**POLYAMİD TİJ KESME-DELME MAKİNESİ (MANUEL)**  
POLYAMIDE ROD CUTTING AND DRILLING MACHINE

**943086**

**TEK AÇILIM GİZLİ MENTEŞESİ (SOL)**  
SIDE HUNG HIDDEN HINGE FOR LEFT HAND

\*SOLA AÇILAN KANAT İÇİNDİR.  
\* IT IS USED WITH LEFT HAND OPENING SASH.

**513062**

**TEK AÇILIM GİZLİ MENTEŞESİ (SAĞ)**  
SIDE HUNG HIDDEN HINGE FOR RIGHT HAND

\*SAĞA AÇILAN KANAT İÇİNDİR.  
\* IT IS USED WITH RIGHT HAND OPENING SASH.

**513061**

**POLYAMİD TİJ KESME-DELME MAKİNESİ (YARI OTOMATİK)**  
ROD CUTTING AND DRILLING MACHINE

**943087**

\* YERLİ AKSESUAR / NATIVE ACCESSORY

**ÇİFT MAÇALI KOL**  
TWO-WAY CREMONE



**613011**

**ÇİFT MAÇALI ANAHTARLI KOL**  
TWO-WAY CREMONE WITH KEY



**613012**

**ÇİFT MAÇALI KOL**  
TWO-WAY CREMONE



**613008**

**ÇİFT MAÇALI KOL**  
TWO-WAY CREMONE



**613013**

**ÇİFT MAÇALI ANAHTARLI KOL**  
TWO-WAY CREMONE WITH KEY



**613014**

**ÇİFT MAÇALI KOL**  
TWO-WAY CREMONE



**613015**

**SÖKÜLEBİLİR KOL**  
AWAY CREMONE



**613004**

**SÖKÜLEBİLİR KOL SAPI**  
PULL HANDLE FOR AWAY CREMONE



**613005**

**ÇİFT MAÇALI ANAHTARLI KOL**  
TWO-WAY CREMONE WITH KEY



**613016**

\* YERLİ AKSESUAR / NATIVE ACCESSORY

 **burak**  
alüminyum

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KAPI KOLU  
DOOR HANDLE



**623002**

KAPI KOLU  
DOOR HANDLE



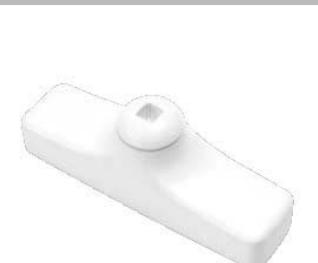
**623004**

ÇİFT MAÇALI KOL  
TWO-WAY CREMONE



**612018\***

SÖKÜLEBİLİR KOL  
AWAY CREMONE



**612016\***

SÖKÜLEBİLİR KOL SAPI  
PULL HANDLE FOR AWAY CREMONE



**612017\***

BAREL ROZETİ  
CYLINDER COVER PLATE



**622130\***

KAPI KOLU  
DOOR HANDLE



**622134\***

KAPI KOLU  
DOOR HANDLE



**622135\***

BAREL ROZETİ  
CYLINDER COVER PLATE



**622136\***

\* YERLİ AKSESUAR / NATIVE ACCESSORY

 **burak**  
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**DİŞA AÇILIM KOLU**  
HANDLE FOR OUTWARD OPENING



**613032**

**İKİ YÖNLÜ KOL MEKANİZMASI**  
TWO-WAY MECHANISM FOR OUTWARD OPENING



\*613032 İLE ÇALIŞIR.  
\*IT WORKS WITH 613032.

**KANAT SARKMA TAKOZU**  
CHOCK FOR VENTS



**732012\***

**ÇİFT MAÇALI KOL BAĞLANTILARI**  
TWO-WAY DRIVE ROD COMPONENTS



**643004**

**SABİT KARŞILIK**  
FIXED STRIKER



**733009**

**AYARLI PİM**  
ADJUSTABLE FASTENING PAWL



**733002**

**ÇİFT MAÇALI KOL BAĞLANTILARI**  
TWO-WAY DRIVE ROD COMPONENTS



**642003\***

**SABİT KARŞILIK**  
FIXED STRIKER



**732009\***

**AYARLI PİM**  
ADJUSTABLE FASTENING PAWL



**732002\***

\* YERLİ AKSESUAR / NATIVE ACCESSORY

KÖŞE İLETİM PARÇASI  
CORNER DEVICE



733003

KÖŞE İLETİM PARÇASI  
CORNER DEVICE



732003\*

TAHLİYE KAPAĞI  
DRAINAGE SLOT COVER



322022\*

KANALLI KAPI SÜRGÜSÜ (220mm)  
GROOVE DOOR BOLT



742001\*

KANALLI PENCERE SÜRGÜSÜ (140mm)  
GROOVE WINDOW BOLT



742002\*

2.KANAT İÇİN İKİ YÖNLÜ SÜRGÜ SETİ  
TWO-WAY LEVER BOLT KIT FOR SECONDARY SASH



743001

HEMYÜZ KAPI SÜRGÜSÜ (220mm)  
FLUSH DOOR BOLT



742004\*

HEMYÜZ PEN. SÜRGÜSÜ (140mm)  
FLUSH WINDOW BOLT



742003\*

2.KANAT İÇİN TEK YÖNLÜ SÜRGÜ SETİ  
ONE-WAY BOLT KIT FOR SECONDARY SASH



743002

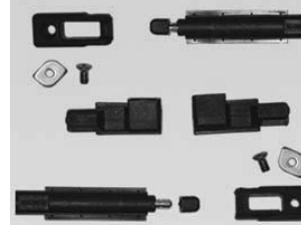
\* YERLİ AKSESUAR / NATIVE ACCESSORY

**ÇİFT MAÇALI KOL İLE KİLİTLEME SETİ**  
KIT FOR TWO-WAY SASH CLOSING



**773001**

**ÇİFT MAÇALI KOL İLE KİLİTLEME SETİ**  
KIT FOR TWO-WAY SASH CLOSING



**772001\***

**VASİSTAS MANDALI**  
TWIN CATCH



**753006**

**VASİSTAS MAKAS 150 MM**  
ARM FOR BOTTOM-HUNG 150 MM



**453001**

**VASİSTAS MAKAS 150 MM**  
ARM FOR BOTTOM-HUNG 150 MM



**452005\***

**VASİSTAS MANDALI**  
TWIN CATCH



**752005**

**VASİSTAS MAKAS 250 MM**  
ARM FOR BOTTOM-HUNG 250 MM



**453002**

**VASİSTAS MAKAS 250 MM**  
ARM FOR BOTTOM-HUNG 250 MM



**452004\***

**DÜZ BORU KOL**  
TUBE PULL HANDLE



\*2500mm BOY, 40mm BORU ÇAPı  
\*LENGTH 2500mm, TUBE DIAMETER 40mm

**622138\***

\* YERLİ AKSESUAR / NATIVE ACCESSORY



\* YERLİ AKSESUAR / NATIVE ACCESSORY

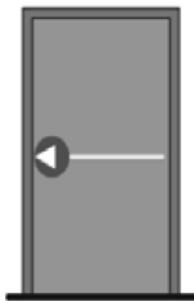
## TABLO 12: PANİK KAPI SETLERİ

### TABLE 12: PANIC DEVICE KITS

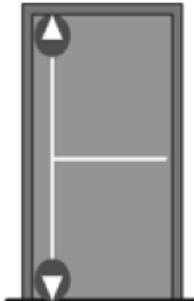
	TEK KANAT PANİK KAPI SETİ PANIC DOOR KIT FOR SINGLE VENT			ÇİFT KANAT PANİK KAPI SETİ PANIC DOOR KIT FOR DOUBLE VENT	
<b>MAX. YÜKSEKLİK MAXIMUM HEIGHT</b>	-	2270 mm	3400 mm	2270 mm	3400 mm
YATAY ÇUBUK HORIZONTAL BAR	573001	573001	573001	573001 (2 ADET)	573001 (2 ADET)
PANİK KOL PANIC HANDLE	573002	573002	573002	573002 (2 ADET)	573002 (2 ADET)
DİKEY KİLİTLEME VERTICAL LOCKING	-	573003	573003	573003	573003
DİKEY ÇUBUK (2270mm) VERTICAL BAR	-	573004	573004	573004	-
DİKEY ÇUBUK (3400mm) VERTICAL BAR	-	-	573006	-	573006

\*DİŞ MÜDAHALE KOLU SETE DAHİL DEĞİLDİR. MAKİMUM KAPı ENİ 1300 MM'DİR

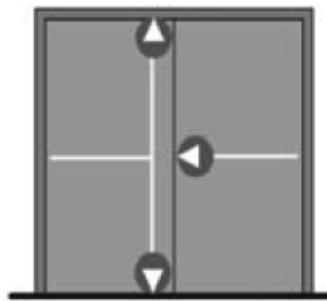
\*EXTERNAL HANDLE ARE NOT INCLUDED IN KITS. MAXIMUM VENT WIDTH IS 1300 MM.



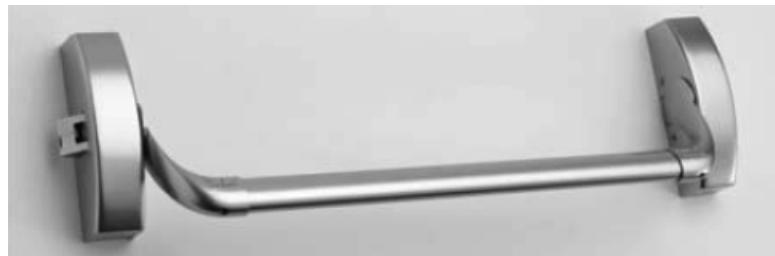
TEK NOKTADAN KİLİTLEME  
ONE POINT LOCKING



ÇİFT NOKTADAN KİLİTLEME  
DOUBLE POINT LOCKING



ÜÇ NOKTADAN KİLİTLEME  
THREE POINT LOCKING



PANİK KAPI KOLU  
PANIC DOOR HANDLE



573002

DIŞ KOL  
EXTERNAL HANDLE



573005

YARIM BAREL  
HALF CYLINDER



573007

## TABLO 13: KAPI KAPATICILARI

### TABLE 13: DOOR CLOSERS

TİP / TYPE	KOD / CODE	GÜÇ / FORCE	MAX. EN
<b>1</b>	563015	EN 4	1100
	563012	EN 2/4	1100
<b>2</b>	563005	EN 3/4	950
	563006	EN 3	950
	563007	EN 2-4	1100
	563008	EN 2-5	1250
<b>3</b>	563013	EN 1-4	1100
	563014	EN 2/3/4	1100

TİP-1 DİRSEK KOLLU KAPI KAPATICI  
TYPE-1 DOOR CLOSER WITH SCISSOR ARM

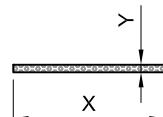
TİP-2 KAYAR KOLLU KAPI KAPATICI  
TYPE-2 DOOR CLOSER WITH SLIDE CHANNEL

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



**TABLO 14: YALITIM MALZEMELERİ**

TABLE 14: INSULATION MATERIALS

**POLİETİLEN BANT**

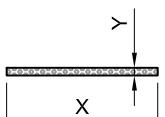
POLYETHYLENE TAPE

	X (mm)	Y (mm)
922001	50	2
922002	60	2
922003	70	2
922004	80	2
922005	90	2
922006	100	2

**FOİL BANT**

FOIL TAPE

	X (mm)	Y (mm)
922020	40	1
922021	45	1
922022	50	1
922023	55	1
922024	60	1
922025	65	1
922026	70	1
922027	75	1
922028	80	1
922029	85	1
922030	90	1
922031	95	1
922032	100	1
922033	150	1

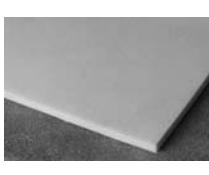
**TEK TARAFLI BANT**

SINGLE-SIDE STICK TAPE

	X (mm)	Y (mm)
922009	10	1,5
922010	15	1,5
922011	20	1,5
922012	25	1,5
922013	30	1,5
922014	40	1,5
922015	10	3
922016	15	3
922017	20	3
922018	25	3
922019	40	3

**ÇİFT TARAFLI BANT**

DOUBLE-SIDE STICK



923006

**EPDM MEMBRAN**

INSULATION MEMBRANE



923009

**PVC MEMBRAN**

INSULATION MEMBRANE



923010

**POLİSTİK BANT 15x45**

POLYSTIC TAPE



923011

**ŞİŞEN BANT 15x15MM**

POLYURETHANE FOAM TAPE



923012

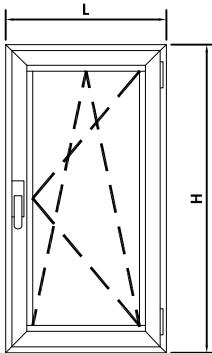
# KESİM ÖLÇÜLERİ CUTTING SIZES

173

KESİM ÖLÇÜLERİ / CUTTING SIZES



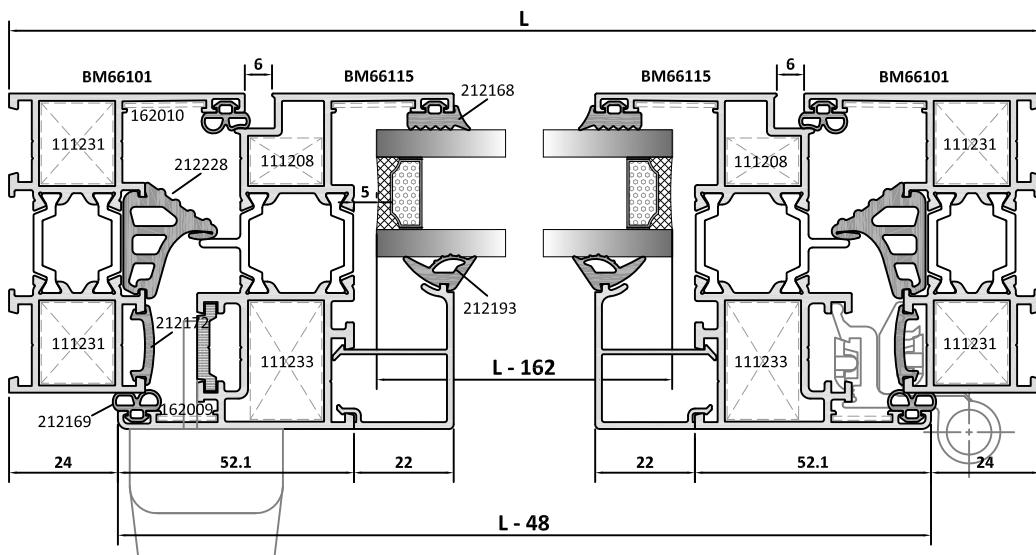
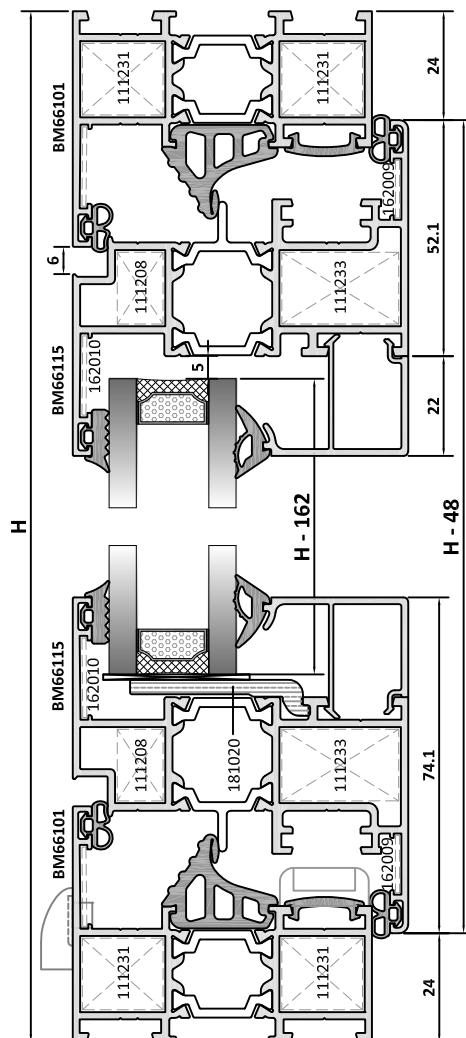
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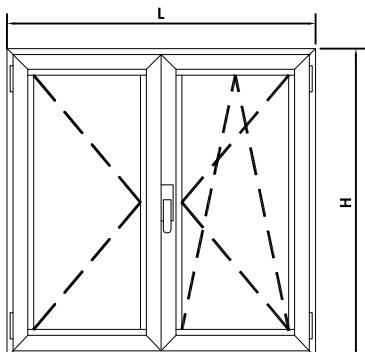
**PROFİLLER / PROFILES**

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66101	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	BM66101	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	BM66115	DÜŞEY KANAT / VERTICAL VENT	H - 48	45°/45°
2	BM66115	YATAY KANAT / HORIZONTAL VENT	L - 48	45°/45°
2	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 196	90°/90°
2	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L - 152	90°/90°
1	S5671-00	TÜJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

**AKSESUARLAR / ACCESSORIES**

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	503001	ÇİFT AÇILIM SETİ / TILT AND TURN KIT	-
-	212193	İÇ CAM FITİLİ / INNER GLAZING GASKET	2L + 2H
-	212228	ORTA BİNİ FITİLİ / CENTRAL STEP GASKET	2L + 2H
-	212168	DIŞ CAM FITİLİ / OUTER GLAZING GASKET	2L + 2H
-	212169	BİNİ FITİLİ / STEP GASKET	4L + 4H
-	212172	KAPATMA FITİLİ / CLOSING GASKET	2L + 2H
8	111231	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	111208	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	111233	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
2	181020	CAM ALTı DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
4	162009	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
8	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	322022	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-
1	732012	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	-





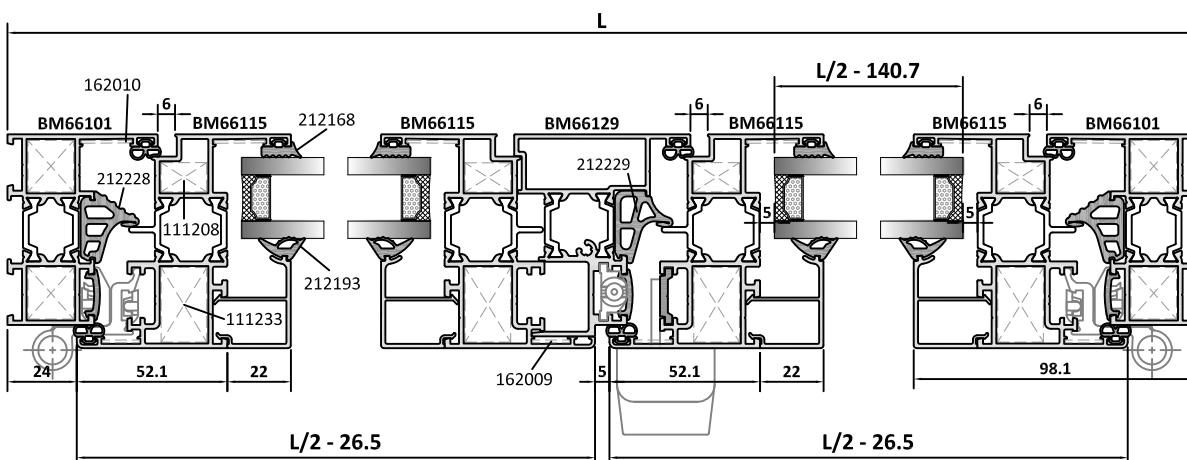
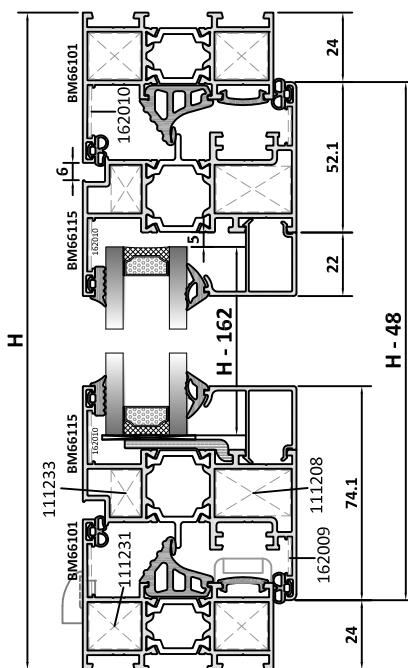
**PROFILLER / PROFILES**

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66101	DÜSEY KASA / VERTICAL FRAME	H	45°/45°
2	BM66101	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
4	BM66115	DÜSEY KANAT / VERTICAL VENT	H - 48	45°/45°
4	BM66115	YATAY KANAT / HORIZONTAL VENT	L/2 - 26.5	45°/45°
1	BM66129	ÇİFT KANAT ADAPTÖR PR. / ADAPTER PR.	H - 116	90°/90°
4	20404	DÜSEY CAM ÇITASI / VERT. GLAZING BEAD	H - 196	90°/90°
4	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L/2 - 130.7	90°/90°
1	S5671-00	TİJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

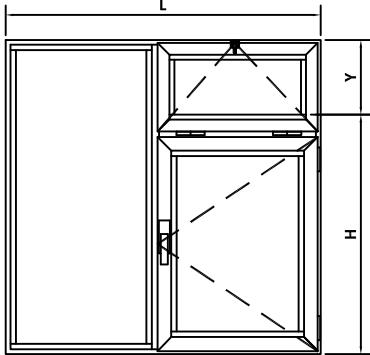
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**AKSESUARLAR / ACCESSORIES**

AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	503001	ÇİFT AÇILIM SETİ / TILT AND TURN KIT	-
2	413004	PENCERE MENTEŞESİ / WINDOW HINGES	-
2	743003	PENCERE SÜRGÜSÜ / WINDOW BOLT	-
-	212193	İÇ CAM FİTLİ / INNER GLAZING GASKET	2L + 2H
-	212228	ORTA BİNİ FİTLİ / CENTRAL STEP GASKET	2L + 2H
-	212168	DIŞ CAM FİTLİ / OUTER GLAZING GASKET	2L + 2H
-	212169	BİNİ FİTLİ / STEP GASKET	4L + 4H
-	212172	KAPATMA FİTLİ / CLOSING GASKET	2L + 2H
-	212229	ADAPTÖR ORTA BİNİ FİTLİ / CENTRAL ADAPTER GASKET	H
8	111231	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	111208	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	111233	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	181020	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
8	162009	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
12	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	322022	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-
1	732012	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	-
1	322037	ÇİFT KANAT ADAPTÖR TAPA SETİ / PLUG KIT FOR ADAPTER	-

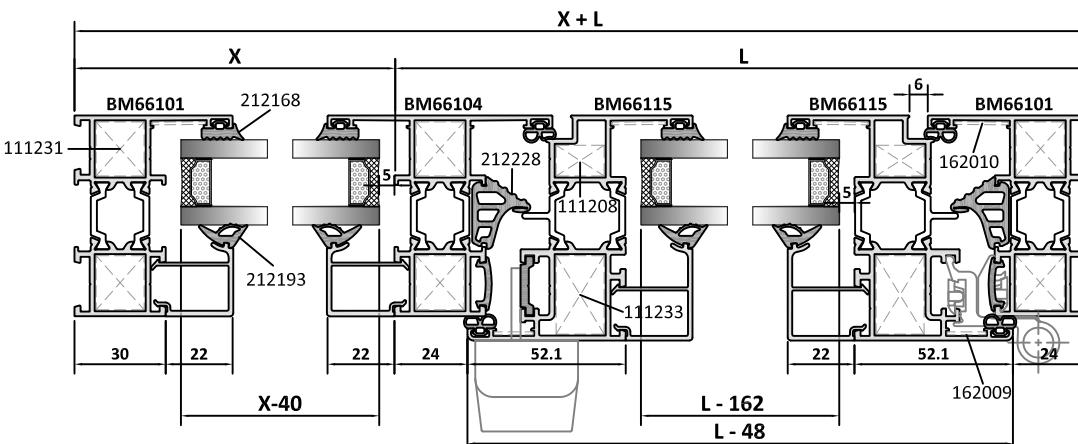
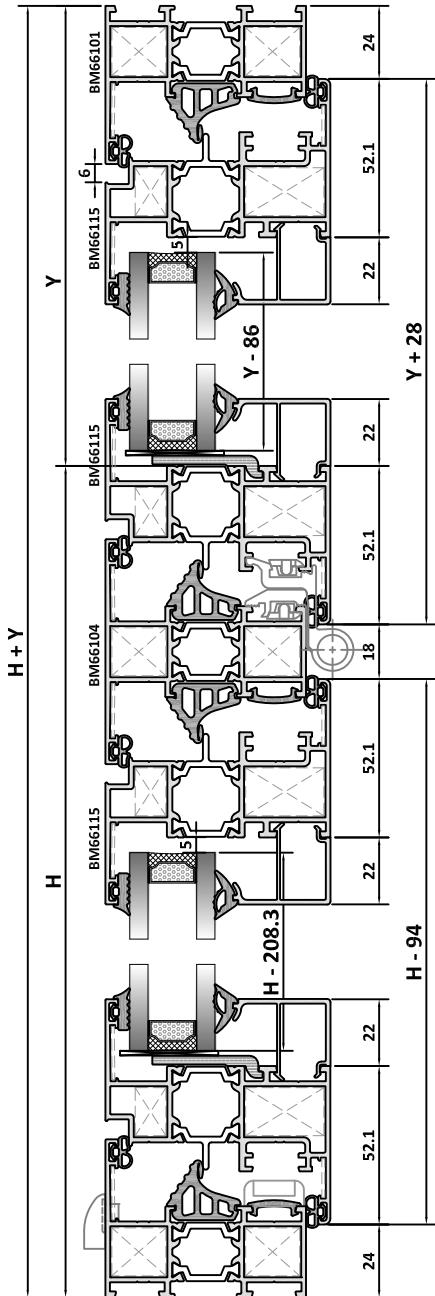


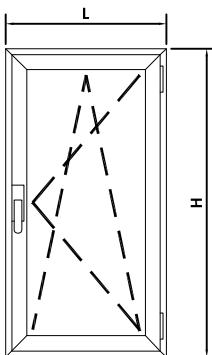
# BM 66



PROFİLLER / PROFILES				
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66101	DÜŞEY KASA / VERTICAL FRAME	H + Y	45°/45°
2	BM66101	YATAY KASA / HORIZONTAL FRAME	X + L	45°/45°
1	BM66104	DÜŞEY ORTA KAYIT / VERTICAL TRANSOM	H + Y - 60	90°/90°
1	BM66104	YATAY ORTA KAYIT / HORIZON TRANSOM	L - 60	90°/90°
2	BM66115	DÜŞEY KANAT / VERTICAL VENT	Y + 28	45°/45°
2	BM66115	DÜŞEY KANAT / VERTICAL VENT	H - 94	45°/45°
4	BM66115	YATAY KANAT / HORIZONTAL VENT	L - 48	45°/45°
2	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	Y - 120	90°/90°
2	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 242	90°/90°
2	20414	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H + Y - 104	90°/90°
4	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L - 152	90°/90°
2	20414	YATAY CAM ÇITASI / HOR. GLAZING BEAD	X - 30	90°/90°
1	S5671-00	TİJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

AKSESUARLAR / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	613013	ÇİFT MAÇALI KOL / TWO-WAY CREMONE	-
2	643004	ÇİFT MAÇALI KOL BAĞLANTISI / CREMONE CONNECTION	-
2	733002	KİLİTLEME PİMİ / LOCKING PIN	-
2	733009	SABİT KARŞILIK / FIXED STRIKER	-
2	453001	VASİSTAS MAKASI / ARM FOR BOTTOM-HUNG WINDOWS	-
-	212193	İÇ CAM FITİLİ / INNER GLAZING GASKET	4H + 4Y + 4X + 4L
-	212228	ORTA BİNİ FITİLİ / CENTRAL STEP GASKET	2H + 2Y + 4X + 4L
-	212168	DİS CAM FITİLİ / OUTER GLAZING GASKET	4H + 4Y + 4X + 4L
-	212169	BİNİ FITİLİ / STEP GASKET	4H + 4Y + 8X + 8L
-	212172	KAPATMA FITİLİ / CLOSING GASKET	2H + 2Y + 4X + 4L
12	111231	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
8	111208	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
8	111233	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	151039	U BAĞLANTI / U CONNECTION	-
4	142001	T BAĞLANTI / T CONNECTION	-
4	181020	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
2	332062	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
8	162009	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
12	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	322022	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-
1	732012	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	-



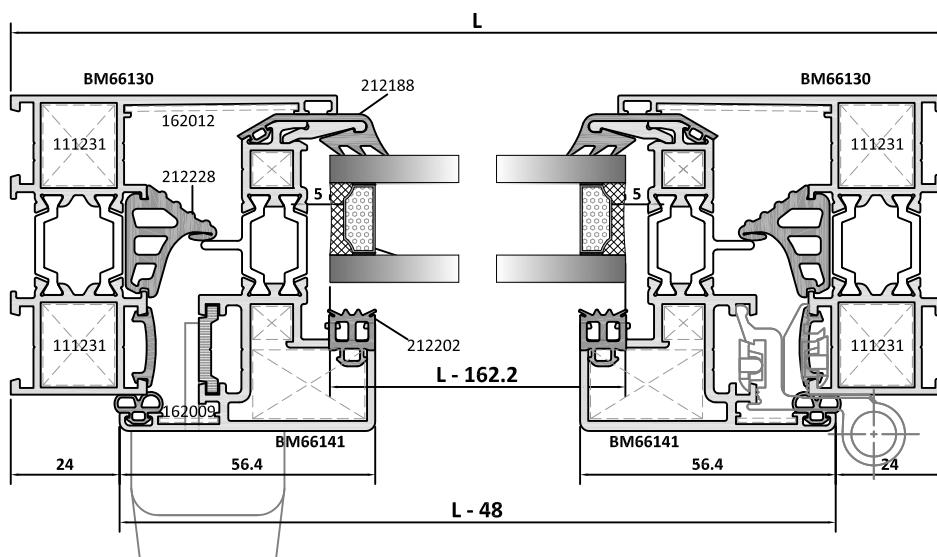
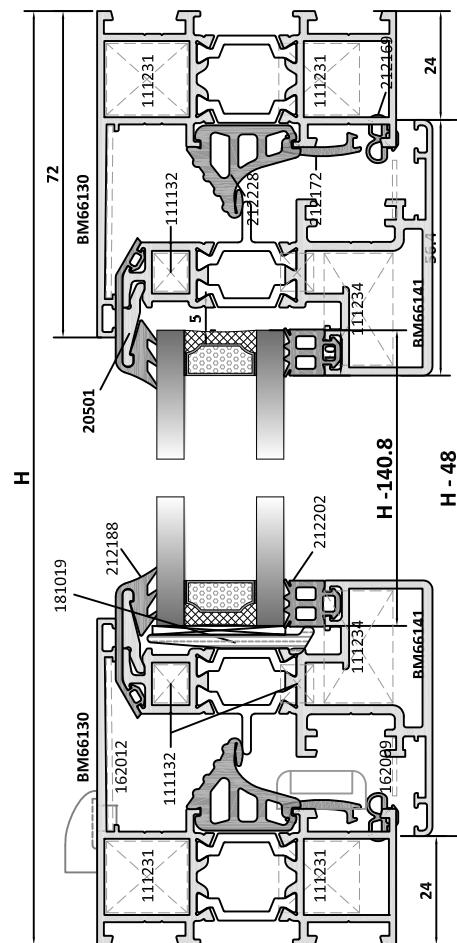


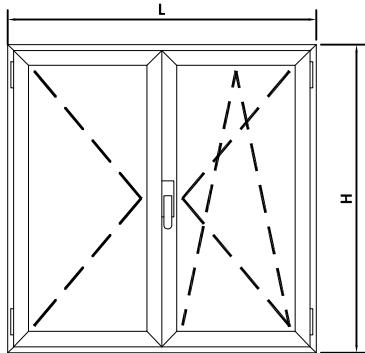
## **PROFILLER / PROFILES**

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66130	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	BM66130	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	BM66141	DÜŞEY KANAT / VERTICAL VENT	H - 48	45°/45°
2	BM66141	YATAY KANAT / HORIZONTAL VENT	L - 48	45°/45°
2	20501	KANAT ADAPTÖRÜ / VENT ADAPTER	H - 48	45°/45°
2	20501	KANAT ADAPTÖRÜ / VENT ADAPTER	L - 48	45°/45°
1	S5671-00	TİJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

**AKSESUARLAR / ACCESSORIES**

AKSESUARLARI / ACCESSORIES			
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİMLİ CUTTING SIZE
1	503024	GİZLİ KANAT ÇİFT AÇILIM SETİ / INVISIBLE TILT&TURN KIT	-
-	212202	İÇ CAM FITİLİ / INNER GLAZING GASKET	2L + 2H
-	212228	ORTA BİNİ FITİLİ / CENTRAL STEP GASKET	2L + 2H
-	212188	DIŞ CAM FITİLİ / OUTER GLAZING GASKET	2L + 2H
-	212169	BİNİ FITİLİ / STEP GASKET	2L + 2H
-	212172	KAPATMA FITİLİ / CLOSING GASKET	2L + 2H
8	111231	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
8	111132	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	111234	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
2	181019	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
4	162009	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
4	162012	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	322022	TAHLİYE KAPAGI / DRAINAGE SLOT COVER	-
1	732012	KANAT SARKMA TAKOZU/ CHOCK FOR VENTS	-

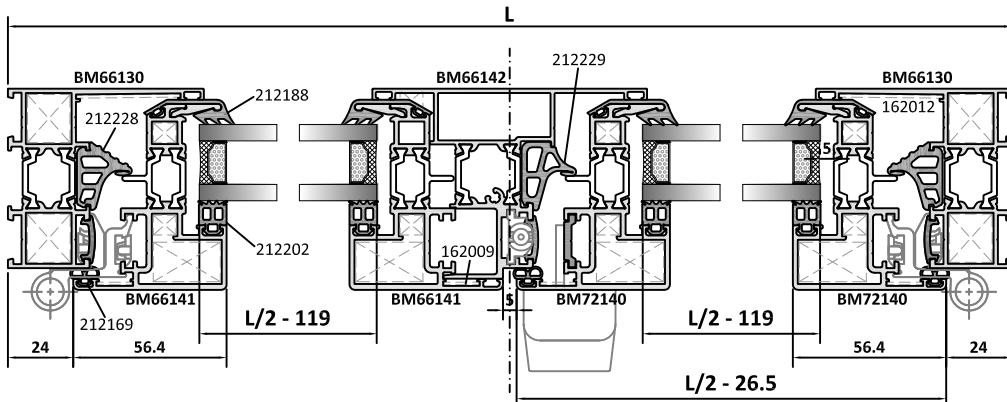
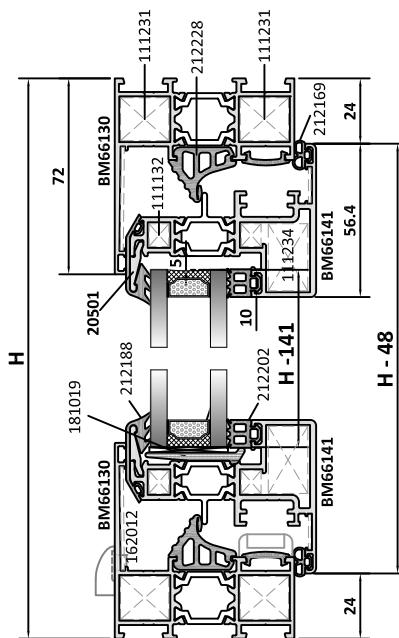


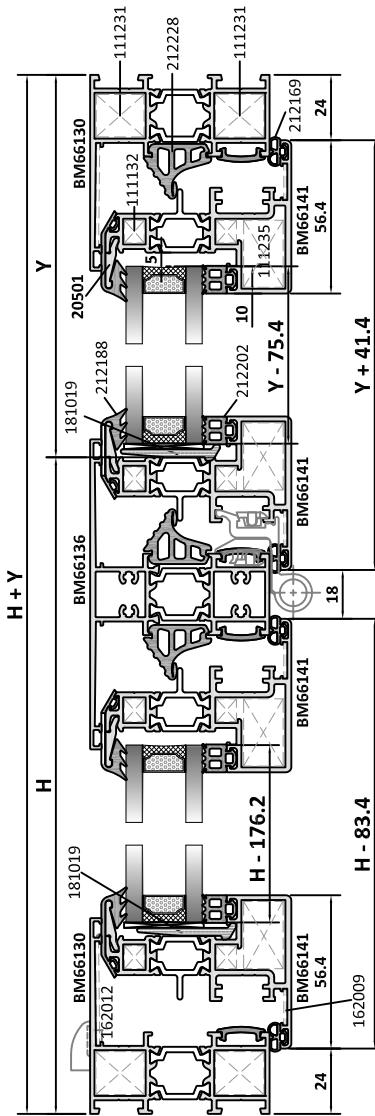
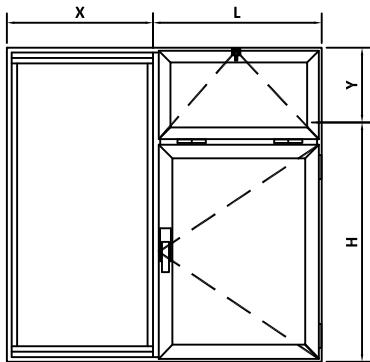
**BM 66****PROFİLLER / PROFILES**

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66130	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
2	BM66130	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
4	BM66141	DÜŞEY KANAT / VERTICAL VENT	H - 48	45°/45°
4	BM66141	YATAY KANAT / HORIZONTAL VENT	L/2 - 26.5	45°/45°
4	20501	KANAT ADAPTÖRÜ / VENT ADAPTER	H - 48	45°/45°
4	20501	KANAT ADAPTÖRÜ / VENT ADAPTER	L/2 - 26.5	45°/45°
1	BM66142	ÇİFT KANAT ADAPTÖR PR. / ADAPTER PR.	H - 156	90°/90°
1	SS671-00	TÜJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

**AKSESUARLAR / ACCESSORIES**

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	503024	GİZLİ KANAT ÇİFT AÇILIM SETİ / INVISIBLE TILT&TURN KIT	-
2	413004	PENCERE MENTEŞESİ / WINDOW HINGES	-
2	743003	PENCERE SÜRGÜSÜ / WINDOW BOLT	-
-	212202	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2L + 4H
-	212228	ORTA BİNİ FİTİLİ / CENTRAL STEP GASKET	2L + 2H
-	212188	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	2L + 4H
-	212169	BİNİ FİTİLİ / STEP GASKET	2L + 3H
-	212172	KAPATMA FİTİLİ / CLOSING GASKET	2L + 3H
-	212229	ADAPTÖR ORTA BİNİ FİTİLİ / CENTRAL ADAPTER GASKET	H
8	111231	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
16	111132	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
8	111234	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	181019	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
8	162009	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
4	162012	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	322022	TAHİYE KAPAĞI / DRAINAGE SLOT COVER	-
1	732012	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	-
1	322038	ÇİFT KANAT ADAPTÖR TAPA SETİ / PLUG KIT FOR ADAPTER	-



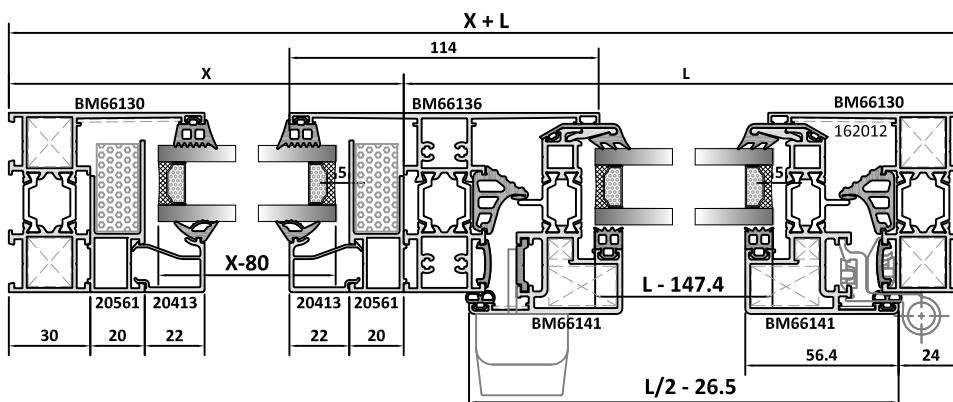


### PROFİLLER / PROFILES

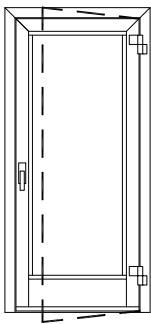
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66130	DÜŞEY KASA / VERTICAL FRAME	H + Y	45°/45°
2	BM66130	YATAY KASA / HORIZONTAL FRAME	X + L	45°/45°
1	BM66136	DÜŞEY ORTA KAYIT / VERTICAL TRANSOM	H + Y - 60	90°/90°
1	BM66136	YATAY ORTA KAYIT / HORIZON TRANSOM	L - 60	90°/90°
2	BM66141	DÜŞEY KANAT / VERTICAL VENT	Y + 41.4	45°/45°
2	BM66141	DÜŞEY KANAT / VERTICAL VENT	H - 83.4	45°/45°
4	BM66141	YATAY KANAT / HORIZONTAL VENT	L - 48	45°/45°
2	20501	KANAT ADAPTÖRÜ / VENT ADAPTER	Y + 30.1	45°/45°
2	20501	KANAT ADAPTÖRÜ / VENT ADAPTER	H - 94.1	45°/45°
4	20501	KANAT ADAPTÖRÜ / VENT ADAPTER	L - 48	45°/45°
2	20561	DÜŞEY CAM ÇITASI ADAPTÖRÜ	H + Y - 144	90°/90°
2	20561	YATAY CAM ÇITASI ADAPTÖRÜ	X - 70	90°/90°
2	20413	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H + Y - 144	90°/90°
2	20413	YATAY CAM ÇITASI / HOR. GLAZING BEAD	X - 70	90°/90°
1	S5671-00	TÜJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

### AKSESUARLAR / ACCESSORIES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	613013	ÇİFT MAÇALI KOL / TWO-WAY CREMONE	-
2	643004	ÇİFT MAÇALI KOL BAĞLANTISI / CREMONE CONNECTION	-
2	733002	KİLİTLEME PİMİ / LOCKING PIN	-
2	733009	SABİT KARŞILIK / FIXED STRIKER	-
2	453001	VASISTAS MAKASI / ARM FOR BOTTOM-HUNG WINDOWS	-
-	212193	İÇ CAM FITİLİ / INNER GLAZING GASKET	4H + 4Y + 4X + 4L
-	212228	ORTA BİNİ FITİLİ / CENTRAL STEP GASKET	2H + 2Y + 4X + 4L
-	212168	DİŞ CAM FITİLİ / OUTER GLAZING GASKET	4H + 4Y + 4X + 4L
-	212169	BİNİ FITİLİ / STEP GASKET	4H + 4Y + 8X + 8L
-	212172	KAPATMA FITİLİ / CLOSING GASKET	2H + 2Y + 4X + 4L
8	111231	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
16	111132	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
8	111235	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	142002	T BAĞLANTI / T CONNECTION	-
4	181019	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
8	162009	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
4	162012	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
2	322022	TAHLİYE KAPAĞI / DRAINAGE SLOT COVER	-
1	732012	KANAT SARKMA TAKOZU / CHOCK FOR VENTS	-



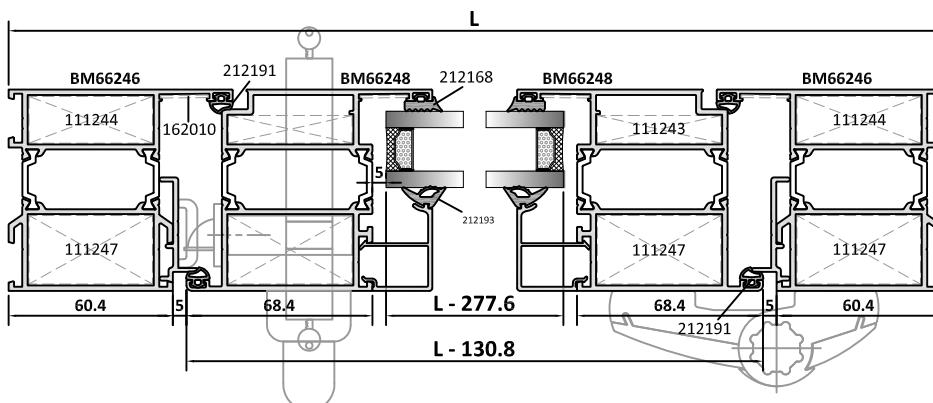
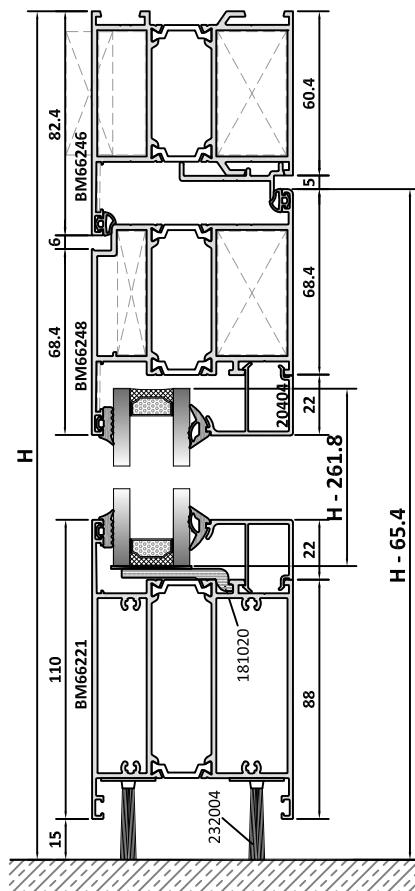
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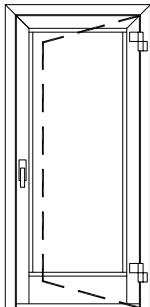
**PROFİLLER / PROFILES**

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66246	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
1	BM66246	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	BM66248	DÜŞEY KANAT / VERTICAL VENT	H - 65.4	45°/45°
1	BM66248	YATAY KANAT / HORIZONTAL VENT	L - 130.8	45°/45°
1	BM66221	ETEK PROFİLİ / SILL PROFILE	L - 267.6	90°/90°
2	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 295.8	90°/90°
4	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L - 267.6	90°/90°
1	S5671-00	TİJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

**AKSESUARLAR / ACCESSORIES**

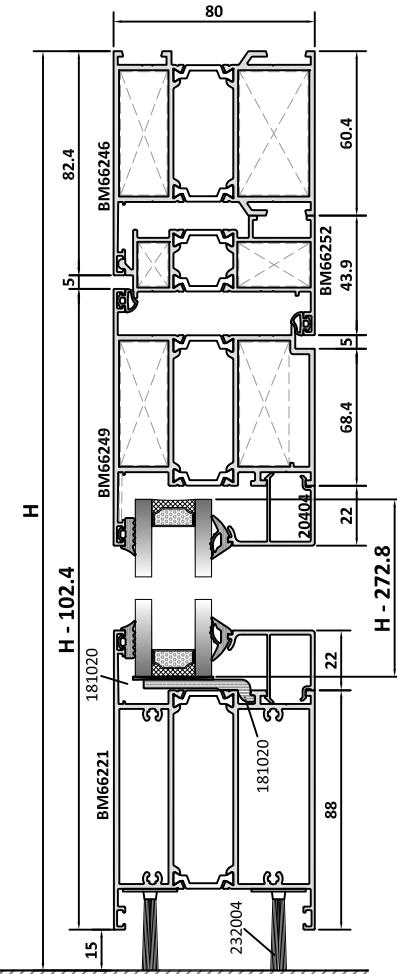
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	623002	KAPI KOLU / DOOR HANDLE	-
2	623005	BAREL ROZETİ / CYLINDER COVER PLATE	-
1	722041	BAREL / CYLENDER	-
1	712010	DİLLİ KİLİT / LOCK WITH RAIL	-
1	732023	KILIT KARŞILIĞI / STRIKER	-
2	423015	KAPI MENTEŞESİ / DOOR HINGES	-
-	212193	İÇ CAM FİTİLİ / INNER GLAZING GASKET	2H + 2L
-	212168	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	2H + 2L
-	212191	BİNİ FİTİLİ / STEP GASKET	4H + 2L
-	232004	PERDESİZ FIRÇA FİTİLİ / WEATHERSTRIP BRUSH	L - 120.8
2	111243	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
2	111244	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
4	111247	KASA-KANAT KÖŞE TAKOZU / CORNER CLEAT	-
2	181020	CAM ALTı DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
4	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-





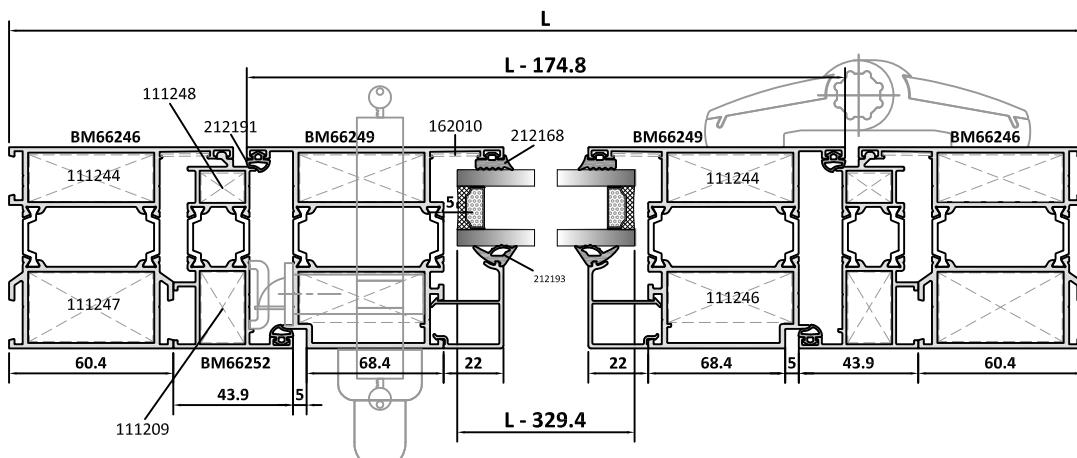
## PROFİLLER / PROFILES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66246	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
1	BM66246	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
2	BM66249	DÜŞEY KANAT / VERTICAL VENT	H - 102.4	45°/45°
1	BM66249	YATAY KANAT / HORIZONTAL VENT	L - 174.8	45°/45°
2	BM66252	DÜŞEY ADAPTÖR / VERTICAL ADAPTER	H	45°/45°
1	BM66252	YATAY ADAPTÖR / HORIZONTAL ADAPTER	L	45°/45°
1	BM66221	ETEK PROFİLİ / SILL PROFILE	L - 319.4	90°/90°
2	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L - 319.4	90°/90°
2	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 307	90°/90°
1	S5671-00	TÜ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

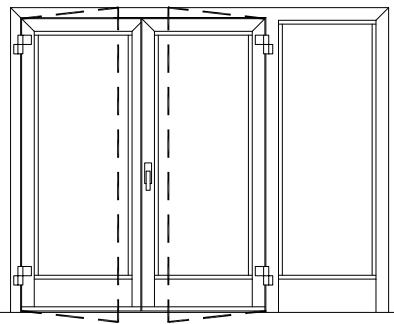


## AKSESUARLAR / ACCESSORIES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	623002	KAPI KOLU / DOOR HANDLE	-
2	623005	BAREL ROZETİ / CYLINDER COVER PLATE	-
1	722041	BAREL / CYLINDER	-
1	712010	DİLLİ KİLİT / LOCK WITH RAIL	-
1	732023	KİLİT KARŞILIĞI / STRIKER	-
3	423013	KAPI MENTEŞESİ / DOOR HINGES	-
-	212193	İÇ CAM FITİLİ / INNER GLAZING GASKET	2H + 2L
-	212168	DIŞ CAM FITİLİ / OUTER GLAZING GASKET	2H + 2L
-	212191	BİNİ FITİLİ / STEP GASKET	4H + 2L
-	232004	PERDESİZ FIRÇA FITİL / WEATHERSTRIP BRUSH	L - 208.6
2	111246	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	111244	KASA-KANAT KÖŞE TAKOZU / CORNER CLEAT	-
2	111247	KASA KÖŞE TAKOZU / CORNER CLEAT	-
2	111248	ADAPTÖR KÖŞE TAKOZU / CORNER CLEAT FOR ADAPTER	-
2	111209	ADAPTÖR KÖŞE TAKOZU / CORNER CLEAT FOR ADAPTER	-
2	181020	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
4	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-

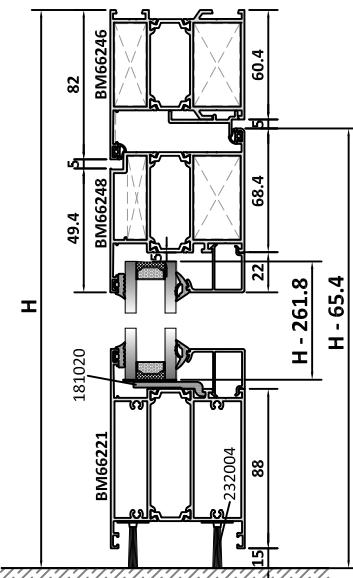


# BM 66



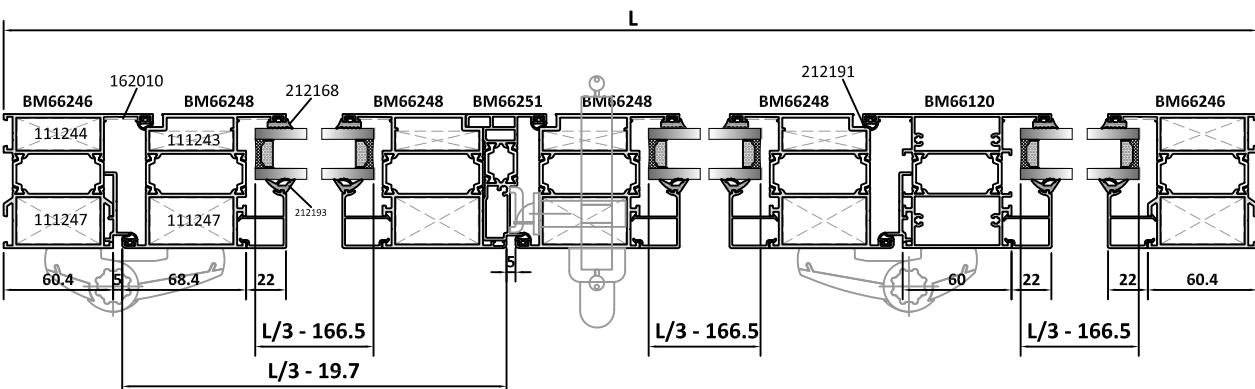
## PROFİLLER / PROFILES

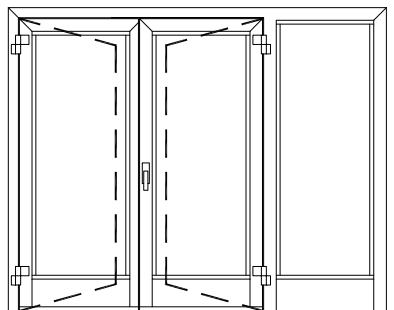
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66246	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
1	BM66246	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
4	BM66248	DÜŞEY KANAT / VERTICAL VENT	H - 65.4	45°/45°
2	BM66248	YATAY KANAT / HORIZONTAL VENT	L/3 - 19.7	45°/45°
1	BM66251	KANAT ADAPTÖRÜ / ADAPTER FOR VENT	H - 65.4	45°/45°
3	BM66221	ETEK PROFİLİ / SILL PROFILE	L/3 - 156.5	90°/90°
4	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 295.8	90°/90°
2	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 222	90°/90°
6	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L/3 - 156.5	90°/90°
1	S5671-00	TÜJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°



## AKSESUARLAR / ACCESSORIES

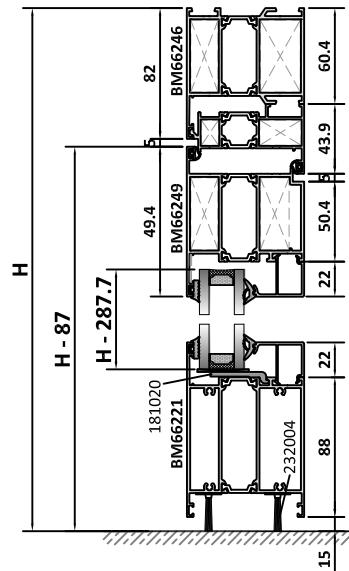
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	623002	KAPI KOLU / DOOR HANDLE	-
2	623005	BAREL ROZETİ / CYLINDER COVER PLATE	-
1	722041	BAREL / CYLINDER	-
1	712010	DİLLİ KİLİT / LOCK WITH RAIL	-
1	732023	KİLİT KARŞILIGI / STRIKER	-
4	423015	KAPI MENTEŞESİ / DOOR HINGES	-
1	743001	LEVYE KOLLU SÜRGÜ / TWO WAY LEVER BOLT	-
-	212193	İÇ CAM FITİLİ / INNER GLAZING GASKET	6H + 2L
-	212168	DIŞ CAM FITİLİ / OUTER GLAZING GASKET	6H + 2L
-	212191	BİNİ FITİLİ / STEP GASKET	6H + 2L
-	232004	PERDESİZ FIRÇA FITİL / WEATHERSTRIP BRUSH	L - 154.5
4	111243	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
2	111244	KASA KÖŞE TAKOZU / CORNER CLEAT FOR FRAME	-
6	111247	KASA-KANAT KÖŞE TAKOZU / CORNER CLEAT	-
6	181020	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
6	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-





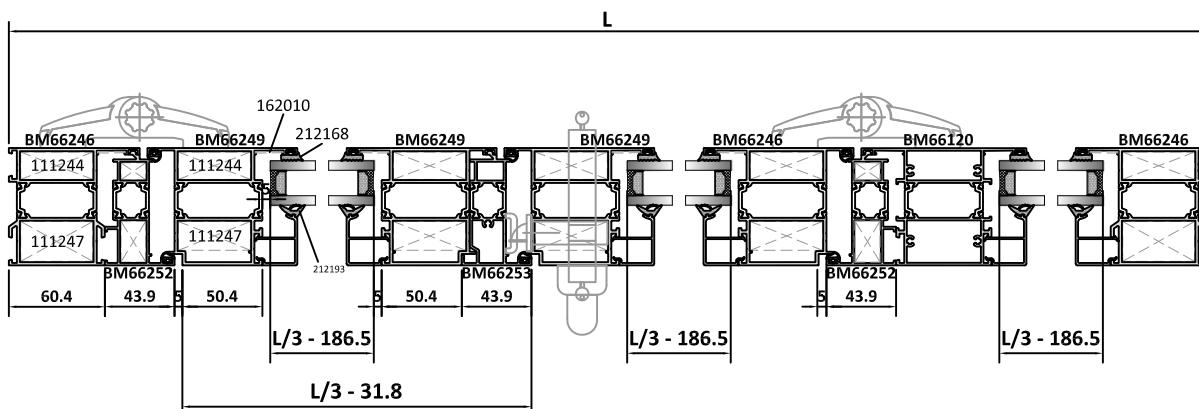
## PROFİLLER / PROFILES

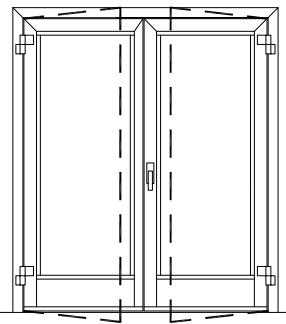
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66246	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
1	BM66246	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
4	BM66249	DÜŞEY KANAT / VERTICAL VENT	H - 87	45°/45°
2	BM66249	YATAY KANAT / HORIZONTAL VENT	L/3 - 31.8	45°/45°
1	BM66252	KASA ADAPTÖRÜ / ADAPTER FOR FRAME	H	45°/45°
1	BM66253	KANAT ADAPTÖRÜ / ADAPTER FOR VENT	H - 87	45°/45°
3	BM66221	ETEK PROFİLİ / SILL PROFILE	L/3 - 176.5	90°/90°
4	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 321.7	90°/90°
2	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 222	90°/90°
6	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L/3 - 176.5	90°/90°
1	S5671-00	TİJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°



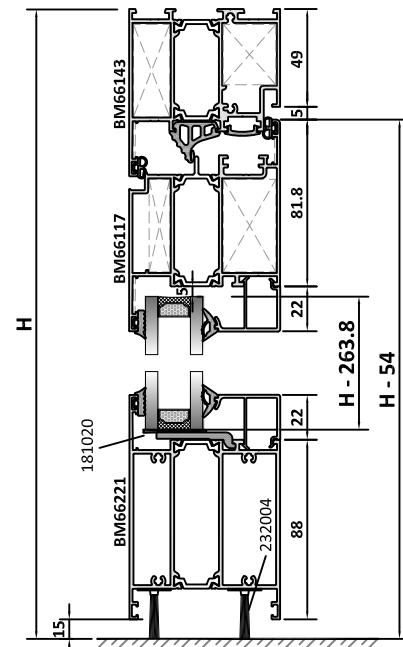
## AKSESUARLAR / ACCESSORIES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	623002	KAPI KOLU / DOOR HANDLE	-
2	623005	BAREL ROZETİ / CYLENDER COVER PLATE	-
1	722041	BAREL / CYLENDER	-
1	712010	DİLLİ KİLİT / LOCK WITH RAIL	-
1	732023	KİLİT KARŞILIĞI / STRIKER	-
4	423013	KAPI MENTESESİ / DOOR HINGES	-
1	743001	LEVYE KOLLU SÜRGÜ / TWO WAY LEVER BOLT	-
-	212193	İÇ CAM FİTİLİ / INNER GLAZING GASKET	6H + 2L
-	212168	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	6H + 2L
-	212172	KAPATMA FİTİLİ / CLOSING GASKET	L - 152.7
-	212191	BİNİ FİTİLİ / STEP GASKET	6H + 2L
-	232004	PERDESİZ FIRÇA FİTİL / WEATHERSTRIP BRUSH	L - 152.7
2	111244	KASA-KANAT KÖŞE TAKOZU / CORNER CLEAT	-
6	111247	KASA-KANAT KÖŞE TAKOZU / CORNER CLEAT	-
6	181020	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
6	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-

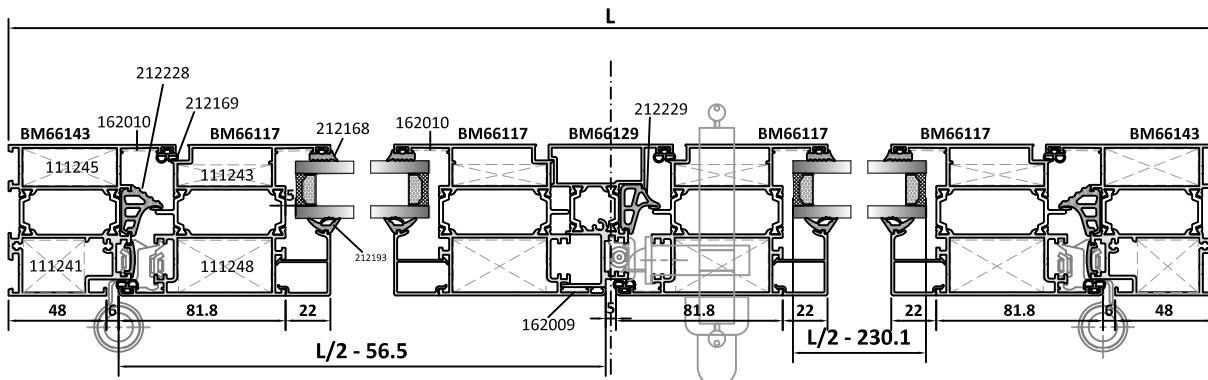


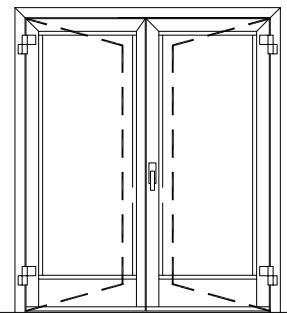
**PROFİLLER / PROFILES**

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66143	DÜŞEY KASA / VERTICAL FRAME	H	45°/45°
1	BM66143	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
4	BM66117	DÜŞEY KANAT / VERTICAL VENT	H - 54	45°/45°
2	BM66117	YATAY KANAT / HORIZONTAL VENT	L/2 - 56.5	45°/45°
1	BM66129	DÜŞEY ADAPTÖR / VERTICAL ADAPTER	H - 54	45°/45°
2	BM66221	ETEK PROFİLİ / SILL PROFILE	L/2 - 220.1	90°/90°
4	20404	DÜŞEY CAM ÇITASI / VERT. GLAZING BEAD	H - 297.8	90°/90°
4	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L/2 - 220.1	90°/90°
1	S5671-00	TÜ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°

**AKSESUARLAR / ACCESSORIES**

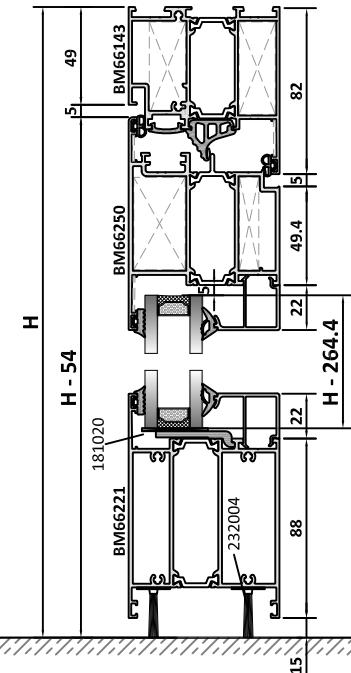
ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	623002	KAPI KOLU / DOOR HANDLE	-
2	623005	BAREL ROZETİ / CYLINDER COVER PLATE	-
1	722041	BAREL / CYLINDER	-
1	712010	DİLLİ KİLİT / LOCK WITH RAIL	-
1	732023	KİLİT KARŞILIĞI / STRIKER	-
4	423004	KAPI MENTEŞESİ / DOOR HINGES	-
-	212228	ORTA BİNİ FİTİLİ / CENTRAL STEP GASKET	2H + L
-	212229	ADAPTÖR ORTA BİNİ FİTİLİ / STEP GASKET FOR ADAPTER	H
-	212193	İÇ CAM FİTİLİ / INNER GLAZING GASKET	4H + 2L
-	212168	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	4H + 2L
-	212172	KAPATMA FİTİLİ / CLOSING GASKET	2H + (L - 108)
-	212169	BİNİ FİTİLİ / STEP GASKET	6H + 2L
-	232004	PERDESİZ FIRÇA FİTİİL / WEATHERSTRIP BRUSH	L - 108
4	111243	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	111248	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
2	111245	KASA KÖŞE TAKOZU / CORNER CLEAT	-
2	111241	KASA KÖŞE TAKOZU / CORNER CLEAT	-
4	181020	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
4	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-





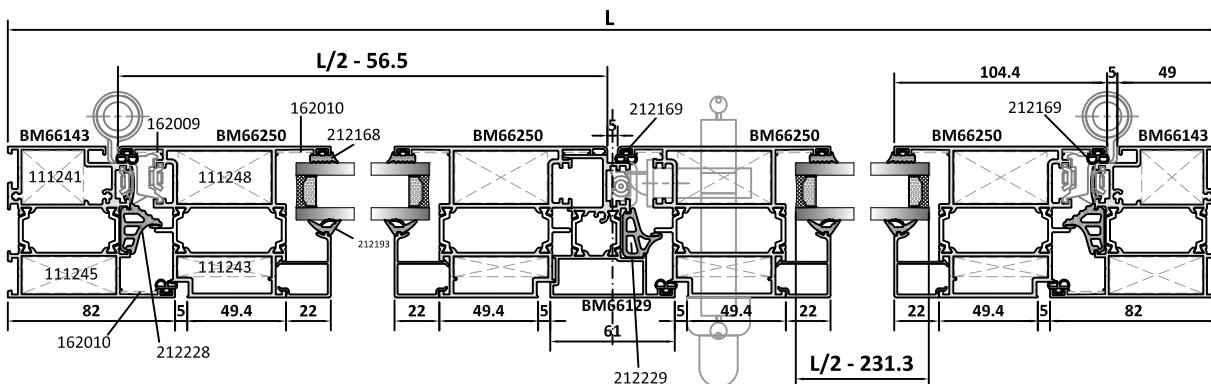
## PROFİLLER / PROFILES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE	KESİM AÇISI CUTTING ANGLE
2	BM66143	DÜSEY KASA / VERTICAL FRAME	H	45°/45°
1	BM66143	YATAY KASA / HORIZONTAL FRAME	L	45°/45°
4	BM66250	DÜSEY KANAT / VERTICAL VENT	H - 54	45°/45°
2	BM66250	YATAY KANAT / HORIZONTAL VENT	L/2 - 56.5	45°/45°
1	BM66129	DÜSEY ADAPTÖR / VERTICAL ADAPTER	H - 54	45°/45°
2	BM66221	ETEK PROFİLİ / SILL PROFILE	L/2 - 221.3	90°/90°
4	20404	DÜSEY CAM ÇITASI / VERT. GLAZING BEAD	H - 298.4	90°/90°
4	20404	YATAY CAM ÇITASI / HOR. GLAZING BEAD	L/2 - 221.3	90°/90°
1	S5671-00	TİJ PROFİLİ / CONNECTION ROAD PROFILE	H	90°/90°



## AKSESUARLAR / ACCESSORIES

ADET UNIT	KOD CODE	TANIM DESCRIPTION	KESİM ÖLÇÜSÜ CUTTING SIZE
1	623002	KAPI KOLU / DOOR HANDLE	-
2	623005	BAREL ROZETİ / CYLINDER COVER PLATE	-
1	722041	BAREL / CYLINDER	-
1	712010	DİLLİ KİLİT / LOCK WITH RAIL	-
1	732023	KİLİT KARŞILIĞI / STRIKER	-
4	423004	KAPI MENTEŞESİ / DOOR HINGES	-
1	743001	LEVYE KOLLU SÜRGÜ / TWO WAY LEVER BOLT	-
-	212228	ORTA BINİ FİTİLİ / CENTRAL STEP GASKET	2H + L
-	212229	ADAPTÖR ORTA BINİ FİTİLİ / STEP GASKET FOR ADAPTER	H
-	212193	İÇ CAM FİTİLİ / INNER GLAZING GASKET	4H + 2L
-	212168	DIŞ CAM FİTİLİ / OUTER GLAZING GASKET	4H + 2L
-	212172	KAPATMA FİTİLİ / CLOSING GASKET	2H + (L - 108)
-	212169	BİNİ FİTİLİ / STEP GASKET	6H + 2L
-	232004	PERDESİZ FIRÇA FİTİL / WEATHERSTRIP BRUSH	L - 108
4	111243	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
4	111248	KANAT KÖŞE TAKOZU / CORNER CLEAT FOR VENT	-
2	111245	KASA KÖŞE TAKOZU / CORNER CLEAT	-
2	111241	KASA KÖŞE TAKOZU / CORNER CLEAT	-
4	181020	CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT PIECE	-
4	162009	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-
6	162010	KÖŞE ÇAVUŞU / CORNER ALIGNMENT	-



**KULLANIM ŞARTLARI**

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

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

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

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

**GARANTİ KOŞULLARI**

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

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

Mimari sistem katalogunda belirtilen detay ve sistem çözümleri haricindeki uygulamalar için Burak Alüminyum'un onayı alınmalıdır. Aksi taktirde bu uygulamalardan meydana gelebilecek problem ve aksaklılıklardan Burak Alüminyum sorumlu değildir.

**TERMS OF SERVICE**

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

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

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

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

**TERMS OF WARRANTY**

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

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

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

## CERTIFICATE

This is to certify that

### BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yeni Mah. Muratlı Asfali No: 10 Büyükkarşışan  
36300 Kırklareli, Lüleburgaz  
Turkey

has implemented and maintains a **Quality Management System**

**Scope:**  
Manufacture of Extruded Aluminium Profiles as well Machining, Electrostatic Powder Coating  
and Anodized Surface Treatment

Through an audit, documented in a report, it was verified that the management system  
fulfills the requirements of the following standard:

### ISO 9001 : 2008



Certificate registration no.	31300096 QM08
Valid from	2017-08-01
Valid until	2018-09-14
Date of certification	2017-08-01

DQS GmbH

Frank Graichen  
Managing Director

Accredited Body: DQS GmbH, August-Schenz-Straße 21, 60433 Frankfurt am Main, Germany  
Administrative Office: DQS Denetim ve Belgeendüreme Ltd. Şti., Çozatçı Mah., Bayar Cad.,  
Şehitlikm Külliye Sk., Ataç-Aksakal Plaza No: 10 Kat: 8, Kozyatağı - Kadıköy / İstanbul - Turkey



## SERTİFİKA



### BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yeni Mah. Muratlı Asfali No: 10 Büyükkarşışan  
36300 Kırklareli, Lüleburgaz  
Turkey

sirketimin, asadıda belirtilen gereklik alanında bir **Kalite Yönetim Sistemi**  
yürürlüğe koyduğunu ve uygulamakta olduğunu tespit eder.

Gereçlik Alanı:  
Mechanik İşlemeli, Elektrostatik Toz Boyalı ve Eloksal Kaplama Ekstruzyon Yontemi ile Üretilmiş  
Alüminyum Profiller İmali

Raporla belgelenmiş bir yönetim sistemi tekniki sonunda, bu yönetim sisteminin aşağıdaki  
belirtilen teknik spesifikasiyonun şartlarını yerine getirdiği kanıtlanmıştır:

### ISO 9001 : 2008



Sertifika kayıt No	31300096 QM08
Gereçinin başlama tarihi	2017-08-01
Gereçinin sona eriş tarihi	2018-09-14
Sertifikalandırılmasına ilişkin kalite tekniki	2017-08-01

DQS GmbH

Frank Graichen  
Sirket Müdüri

Administrative Body: DQS GmbH, August-Schenz-Straße 21, 60433 Frankfurt am Main, Germany  
Administrative Office: DQS Denetim ve Belgeendüreme Ltd. Şti., Çozatçı Mah., Bayar Cad.,  
Şehitlikm Külliye Sk., Ataç-Aksakal Plaza No: 10 Kat: 8, Kozyatağı - Kadıköy / İstanbul - Turkey



### BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yeni Mah. Muratlı Asfali No: 10 Büyükkarşışan  
36300 Kırklareli, Lüleburgaz  
Turkey

sirketimin, asadıda belirtilen gereklik alanında bir **Kalite Yönetim Sistemi**  
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Gereçlik Alanı:  
Mechanik İşlemeli, Elektrostatik Toz Boyalı ve Eloksal Kaplama Ekstruzyon Yontemi ile Üretilmiş  
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Gereçinin sona eriş tarihi	2018-09-14
Sertifikalandırılmasına ilişkin kalite tekniki	2017-08-01

DQS GmbH

Administrative Body: DQS GmbH, August-Schenz-Straße 21, 60433 Frankfurt am Main, Germany  
Administrative Office: DQS Denetim ve Belgeendüreme Ltd. Şti., Çozatçı Mah., Bayar Cad.,  
Şehitlikm Külliye Sk., Ataç-Aksakal Plaza No: 10 Kat: 8, Kozyatağı - Kadıköy / İstanbul - Turkey



## CERTIFICATE

This is to certify that

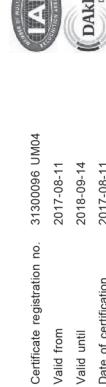
**BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.**

Yeni Mahalle Muratlı Asfaltı No:10 Yeni Mahalle Muratlı Asfaltı No:10  
Büyükkarışırın, Lüleburgaz - KIRKLARELİ  
TÜRKİYE

has implemented and maintains an Environmental Management System.

Scope:  
Manufacture of Extruded Aluminum Profiles as well Machining, Electrostatic Powder Coating or  
Anodised Surface treatment

Through an audit, documented in a report, it was verified that the management system  
fulfills the requirements of the following standard:

**ISO 14001 : 2004 + Cor 1 : 2009**

DQS GmbH

*Paul Gil*  
Frank Graichen  
Managing Director

Accredited Body: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main, Germany  
Administrative Office: DQS Denetim ve Belgekontrolme Ltd. Şti., Kozyatağı Mah., Bayar Cadd.,  
Şehitlikur Külliye Sk., Anaf-Aksakal Plaza No: 10 Kat:8, Kozyatağı - Kadıköy / İstanbul - Turkey



## SERTİFİKA

**BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.**

Yeni Mahalle Muratlı Asfaltı No:10 Yeni Mahalle Muratlı Asfaltı No:10  
Büyükkarışırın, Lüleburgaz - KIRKLARELİ  
TÜRKİYE

şirketinin, aşağıda belirtilen güvenlik alanında bir **Çevre Yönetim Sistemi**  
ni yürüttürmektedir. Koyduğumu uygulamakta olduğunu teyit eder.

Gereklilik Alanı:  
Mechanik İşlemleri, Elektrostatik toz boyası veya Anodize (eloksal) kaplamaları, Eksizlüzyon yöntemi  
ile üretilmiş Alüminyum Profil imalatı.

Raporla belgelenmiş bir yönetim sistemi, teknik sonunda, bu yönetim sisteminin aşağıdaki  
belirtilen teknik spesifikasiyonun şartlarını yerine getirdiği kanıtlanmıştır.

**ISO 14001 : 2004 + Cor 1 : 2009**

DQS GmbH

*Paul Gil*  
Frank Graichen  
Managing Director

Accredited Body: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main, Germany  
Administrative Office: DQS Denetim ve Belgekontrolme Ltd. Şti., Kozyatağı Mah., Bayar Cadd.,  
Şehitlikur Külliye Sk., Anaf-Aksakal Plaza No: 10 Kat:8, Kozyatağı - Kadıköy / İstanbul - Turkey

**BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.**

Yeni Mahalle Muratlı Asfaltı No:10 Yeni Mahalle Muratlı Asfaltı No:10  
Büyükkarışırın, Lüleburgaz - KIRKLARELİ  
TÜRKİYE

has implemented and maintains an Environmental Management System.

Scope:  
Manufacture of Extruded Aluminum Profiles as well Machining, Electrostatic Powder Coating or  
Anodised Surface treatment

Through an audit, documented in a report, it was verified that the management system  
fulfills the requirements of the following standard:

**ISO 14001 : 2004 + Cor 1 : 2009**

DQS GmbH

*Paul Gil*  
Frank Graichen  
Managing Director

Accredited Body: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main, Germany  
Administrative Office: DQS Denetim ve Belgekontrolme Ltd. Şti., Kozyatağı Mah., Bayar Cadd.,  
Şehitlikur Külliye Sk., Anaf-Aksakal Plaza No: 10 Kat:8, Kozyatağı - Kadıköy / İstanbul - Turkey



**burak**  
alüminyum

Her hakkı saklıdır ; 2014. Burak Alüminyum'un izni olmadan kopya edilemez, çoğaltılamaz ve yayımlanamaz.  
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# CERTIFICATE

This is to certify that

## BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yeni Mahalle Mıralı Asfaltı No:10  
Büyükkarışırın, Lüleburgaz - KIRKLARELİ  
TÜRKİYE

has implemented and maintains an  
Occupational Health and Safety Management System

Scope:  
Manufacture of Extruded Aluminium Profiles as well Machining, Electrostatic Powder Coating or  
Anodized Surface treatment.

Through an audit, documented in a report, it was verified that the management system  
fulfills the requirements of the following standard:

## BS OHSAS 18001 : 2007

Certificate registration no.	31300096 BSOH07
Valid from	2017-08-11
Valid until	2020-08-10
Date of certification	2017-08-11

DQS GmbH

  
Frank Graichen  
Managing Director

Accredited Body: DQS GmbH, August-Schenz-Straße 21, 60433 Frankfurt am Main, Germany  
Administrative Office: DQS Denetim ve Belgeendüreme Ltd. Şti., Çozatçı Mah., Bayar Cad.,  
Şehitlikm Külliye Kulevi Sk., Ataköy-Aksaray Plaza No. 10 Kat:8, Kozyatağı - Kadıköy / İstanbul - Turkey



# SERTİFİKA

## BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yeni Mahalle Mıralı Asfaltı No:10  
Büyükkarışırın, Lüleburgaz - KIRKLARELİ  
TÜRKİYE

sirketimin, aşağıda belirtilen gereklilik alanında bir İş Sağlığı ve Güvenliği Yönetim Sistemi'ni yürürlüğe koyduğunu ve uygulamakta olduğunu teyit eder.

Gereklilik Alanı:  
Mekanik İşlemler, Elektrosaitlik İzot boyası veya Anodizasyon (eloksal) kaplamaları, Eksituzyon yöntemi ile üretim'si Aluminyum Profil imalatı.

Raporla belgelenmiş bir yönetim sistemi tekniki sonunda, bu yönetim sisteminin aşağıdaki belirtilen teknik spesifikasyonun şartlarını yerine getirdiği kanıtlanmıştır.

## BS OHSAS 18001 : 2007

Sertifika kayıt No	31300096 BSOH07
Gerekligin başlama tarihi	2017-08-11
Gerekligin sona eriş tarihi	2020-08-10
Sertifikalandırılmasına ilişkin, kalite tekniki	2017-08-11

DQS GmbH

  
Frank Graichen  
Managing Director

Accredited Body: DQS GmbH, August-Schenz-Straße 21, 60433 Frankfurt am Main, Germany  
Administrative Office: DQS Denetim ve Belgeendüreme Ltd. Şti., Çozatçı Mah., Bayar Cad.,  
Şehitlikm Külliye Kulevi Sk., Ataköy-Aksaray Plaza No. 10 Kat:8, Kozyatağı - Kadıköy / İstanbul - Turkey



  
**burak**  
alüminyum

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## CERTIFICATE

This is to certify that

## BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yen Mah. Muralı Asfalt No: 10 Büyükkarıştıran  
36300 Kırklareli, Lüleburgaz  
Turkey

has implemented and maintains a Quality Management System

Scope:  
Manufacture of Extruded Aluminum Profiles

An audit, conducted and documented in a report, has verified that this quality management system fulfills the requirements of the following ISO Technical Specification:

ISO/TS 16949:2009  
(without product design)

Certificate registration no.	31300096 TS09
Issuing date	2017-08-01
This certificate is valid until	2018-09-14
IATF No	0270769



Nurani S. Yenitachalam  
Corporate Program Manager Automotive, DQS Holding GmbH  
Michael Drechsler  
Managing Director, DQS Holding GmbH

For and on behalf of DQS

Nurani S. Yenitachalam  
Corporate Program Manager Automotive, DQS Holding GmbH  
Michael Drechsler  
Managing Director, DQS Holding GmbH

IATF Contact Office: DQS Holding GmbH, Konrad-Adenauer-Allee 8-10, 61118 Bad Vilbel, Germany



## SERTİFİKA



## CERTIFICATE

This is to certify that

## BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yen Mah. Muralı Asfalt No: 10 Büyükkarıştıran  
36300 Kırklareli, Lüleburgaz  
Turkey

has implemented and maintains a Quality Management System

Scope:  
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IATF No	0270769



Nurani S. Yenitachalam  
Corporate Program Manager Automotive, DQS Holding GmbH  
Michael Drechsler  
Managing Director, DQS Holding GmbH

2017-04-10



## SERTİFİKA



## CERTIFICATE

This is to certify that

## BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yen Mah. Muralı Asfalt No: 10 Büyükkarıştıran  
36300 Kırklareli, Lüleburgaz  
Turkey

has implemented and maintains a Quality Management System

Scope:  
Manufacture of Extruded Aluminum Profiles

An audit, conducted and documented in a report, has verified that this quality management system fulfills the requirements of the following ISO Technical Specification:

ISO/TS 16949:2009  
(without product design)

Certificate registration no.	31300096 TS09
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This certificate is valid until	2018-09-14
IATF No	0270769



Nurani S. Yenitachalam  
Corporate Program Manager Automotive, DQS Holding GmbH  
Michael Drechsler  
Managing Director, DQS Holding GmbH

2017-04-10



THE INTERNATIONAL CERTIFICATION NETWORK

## CERTIFICATE

**IQNet** and  
DQS GmbH Deutsche Gesellschaft zur Zertifizierung von Managementsystemen

hereby certify that the company

### BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yeni Mahalle Muralı Asfaltı No 10 Büyükkarışırın  
39330 Kırıkkale, Lüleburgaz  
Turkey

has implemented and maintains a **Quality Management System**

**Scope:**  
Manufacture of Extruded Aluminium Profiles as well Machining, Electrostatic Powder Coating and Anodized Surface Treatment

Through an audit, documented in a report, it was verified that the management system  
fulfills the requirements of the following standard.

### ISO 9001 : 2008

Valid from  
2017-08-01  
Valid until  
2018-09-14  
Date of certification  
2017-08-01

Registration number: DE-31300096 QM08



Alex Stuchinov  
President of IQNet



Frank Graichen  
Managing Director of DQS GmbH

IQNet Partners\*:

AENOR Spain AFNOR Certification France AFCC Portugal CCC Cyprus CISQ Italy  
CQC China COM China COS Czech Republic Colombia CCC DQS Holding GmbH Germany FCAV Brazil  
FONDONORMA Venezuela ICONTEC Colombia ITCI Inspecta Certification Finland INTECO Costa Rica  
IRAM Argentina JQA Japan KQ Korea MIREC Mexico NSZT Hungary Nemo AS Norway NSA Ireland PBCB Poland  
Quality Austria Austria SRR Russia SUEC Mexico SII Israel SIQ Slovakia SIRIM International Malaysia  
SGS Switzerland SPAI France TEST SYSTEMS Testing Russia ASSOCIATION BEJGAR Serbia  
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THE INTERNATIONAL CERTIFICATION NETWORK

## CERTIFICATE

**IQNet** and  
DQS GmbH Deutsche Gesellschaft zur Zertifizierung von Managementsystemen

hereby certify that the company

### BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yeni Mahalle Muralı Asfaltı No 10 Yeni Mahalle Muralı Asfaltı No 10  
Büyükkarışırın, Lüleburgaz - KIRKLARELİ / TURKEY

has implemented and maintains an **Environmental Management System**

**Scope:**  
Manufacture of Extruded Aluminium Profiles as well Machining, Electrostatic Powder Coating or Anodised Surface treatment

Through an audit, documented in a report, it was verified that the management system  
fulfills the requirements of the following standard.

### ISO 14001 : 2004 + Cor 1 : 2009

Valid from  
2017-08-11  
Valid until  
2018-09-14  
Date of certification  
2017-08-11

Registration number: DE-31300096 UM04



Stéphane  
Alex Stuchinov  
President of IQNet



Frank Graichen  
Managing Director of DQS GmbH

IQNet Partners\*:

AENOR Spain AFNOR Certification France AFCC Portugal CCC Cyprus CISQ Italy  
CQC China COM China COS Czech Republic Colombia CCC DQS Holding GmbH Germany FCAV Brazil  
FONDONORMA Venezuela ICONTEC Colombia ITCI Inspecta Certification Finland INTECO Costa Rica  
IRAM Argentina JQA Japan KQ Korea MIREC Mexico NSZT Hungary Nemo AS Norway NSA Ireland PBCB Poland  
Quality Austria Austria SRR Russia SUEC Mexico SII Israel SIQ Slovakia SIRIM International Malaysia  
SGS Switzerland SPAI France TEST SYSTEMS Testing Russia ASSOCIATION BEJGAR Serbia  
IQNet is represented in the USA by AFNOR Certification CISQ, DQS Holding GmbH and NSA Inc.

\* This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

\*\* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under [www.iqnet-certification.com](http://www.iqnet-certification.com)



The Burak Alüminyum logo features a stylized 'b' symbol followed by the brand name 'burak' in a bold, lowercase, sans-serif font. Below it, the word 'alüminyum' is written in a smaller, lowercase, sans-serif font.

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## BELGE



BELGE

TALEBİN KONUSU : İmalat Yeterlilik

Oda'ya Giriş Tarihi-No : 25.03.2014-261

FİRMANIN

Ticaret Sicil No : 5341

ÜNVANI

: BURAK ALÜMİNYUM SANAYİ VE TİCARET ANONİM  
ŞİRKETİ LÜLEBURGAZ ŞUBESİİşyeri Adresi : FÜĞÜRLÜDERE MEVKİMORATLI YOLU ÜZERİ 3 KM  
BÜYÜKÇEKİRDEK TEST 39750 LÜLEBURGAZ/KIRKLARELİ

Kapasite Raporu No. : 2012-50

Üretim Konusu : Alüminyum Pres Profil İmalatı

Yukarıda isim ve tırvanı firmamın, Odanızın düzenlenen kapasite raporuna göre  
isyerindeki test, makine-rezihizat ve personeli ile, istedim konusunda olan ve kapasite raporu  
TABLO II'de ismine ve yıllık üretimi miktan belirtilen türünden aynı kapasite raporu TABLO  
IV'te belirtilen tüketim maddelerini kullanarak inan emmeye yeteri olduğu anlaşılmıştır.



Ek: Firmamın 2012-50 no.lu kapasite raporunun Olamızca onaylı olması  
Koşulları Mah. İmralı Cad. No:11/A, LÜLEBURGAZ  
Tel: (0288) 417 11 21 - 417 14 60 - 413 14 61 Fax: (0288) 417 19 89  
www.ios.org.tr - luleburgaz@geob.org.tr - info@iosco.tr

Kapsıklarda: Servis, tarih ve sayı belirtmelidir.



THE INTERNATIONAL CERTIFICATION NETWORK

## CERTIFICATE

IONet and

DQS GmbH Deutsche Gesellschaft zur Zertifizierung von Managementsystemen

hereby certify that the company

## BURAK ALÜMİNYUM SANAYİ VE TİCARET A.Ş.

Yeni Mahalle Muratlı Asfaltı No 10  
Buyukçekirdek, Luleburgaz - KIRKLARELİ  
TÜRKİYEhas implemented and maintains an  
Occupational Health and Safety Management System.

Scope Manufacture of Extruded Aluminium Profiles as well Machining, Powder Coating or Anodised Surface treatment

Through an audit documented in a report, it was verified that the management system  
fulfills the requirements of the following standard:

## BS OHSAS 18001 : 2007

Valid from 2017-08-11  
Valid until 2020-08-10  
Date of certification 2017-08-11

Registration number: DE-31300096 BSOH07



Frank Gatchen

Managing Director of DQS GmbH

IQNet Partners\*\*

AENOR Spain ARCOR Certification France ARCOR Portugal CCC Cyprus CISQ Italy  
CCG China CCM China CCS Czech Republic Croácia CQC Holding GmbH Germany FCAV Brazil  
IBRAN Kazakhstan KZQurasawna ConTEC Colombia Sistech CertiNed Nederland NV CertiNed Costa Rica  
Quality Austria Austria IR Russia Sigt Maroc SIS Israel SGS Romania SMIT CAS International Malaysia  
SGS Switzerland SRC Romania TEST SI Petersburg Russia TSE Turkey Vinchte Belgium YUCS Serbia

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\*\* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under [www.iqnetcertification.com](http://www.iqnetcertification.com)

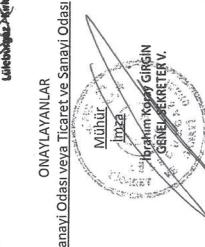
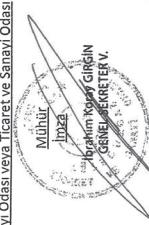


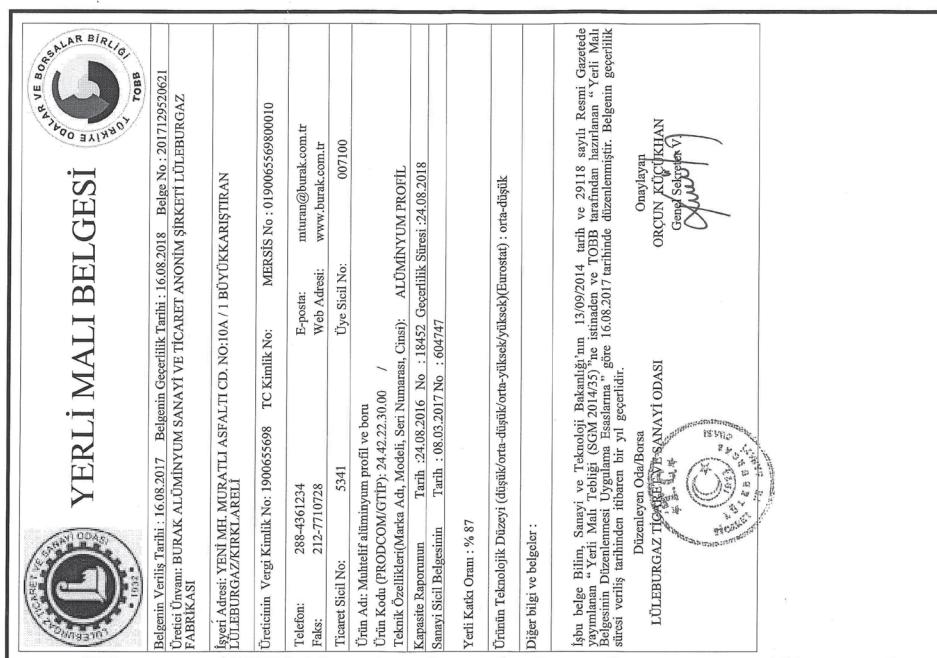
## YERLİ İMALAT DURUM BELGESİ

## YERLİ İMALAT DURUM BELGESİ

Belgenin Veriliş Tarihi	24.04.2014	Belgenin Veriliş Tarihi	24.04.2014
Belge Numarası	2014/001	Belge Numarası	2014/002
Firma Ünvanı	BURAK ALÜMİNYUM SANAYİ ve TİCARET A.Ş.	Firma Ünvanı	BURAK ALÜMİNYUM SANAYİ ve TİCARET A.Ş.
İşyeri Adresi	Üğurludere mevkii. Muratlı yol üzeri. 3. Km Büyükkarışırın 39750 Lüleburgaz / Kırklareli	İşyeri Adresi	Üğurludere mevkii. Muratlı yol üzeri. 3. Km Büyükkarışırın 39750 Lüleburgaz / Kırklareli
Telefon, Faks ve E-posta	0 288 436 12 34 - 0 288 436 13 63 info@burak.com.tr	Telefon, Faks ve E-posta	0 288 436 12 34 - 0 288 436 13 63 info@burak.com.tr
Ticaret Sıfır No	5341	Ticaret Sıfır No	5341
Sanayi Odası veya Ticaret ve Sanayi Odası Sıfır No	007100	Sanayi Odası veya Ticaret ve Sanayi Odası Sıfır No	007100
Tesis Tipi	Alüminyum Profil Üretim Tesisi	Tesis Tipi	C-Fotovoltaik Güneş Enerjisine Dayalı Üretim Tesisi
Aksamın Adı	Pv Panel Çerçeve	Aksamın Adı	PV Modüller (Güneş Panelleri)
Aksama ait bütünlüğüncü parçamın adı		Aksama ait bütünlüğüncü parçamın adı	
İşbu belge "Yenilebilir Enerji kaynaklarından Elektrik Enerjisi Üreten Tesislerde Kullanılan Aksamın Yurt İçinde İmalatına İşkin Usul ve Esaslar Hakkında Yönetmeliği" kapsamındaki 24/04/2014 Tarihinde düzenlenenmiş olup, adı geçen Aksamın/Aksama ait ..... Adlı bütünlüğüncü parçanın yurt idarıma defterine üretildiğiini göstermektedir.			
Bu belge, veriliş tarihinden itibaren 5 yıl geçerlidir.			

Belgeyi Hazırlayanlar ;

Yeminli Mali Müşavir  
Mühür  
İmza  
S. M. M. M. Ferdi DeniroğluOda Sıfır No: 28420  
İmza  
S. M. M. M. Ferdi DeniroğluONAYLAYANLAR  
Sanayi Odası veya Ticaret ve Sanayi Odası  
İmza  
MühürONAYLAYANLAR  
Sanayi Odası veya Ticaret ve Sanayi Odası  
İmza  
Mühür

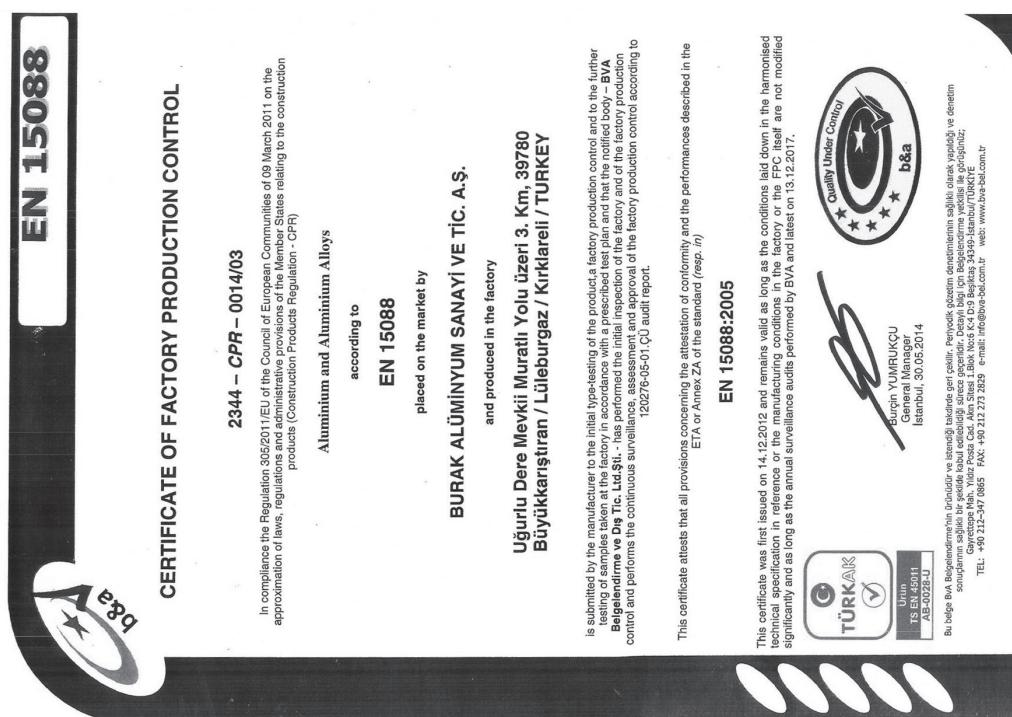
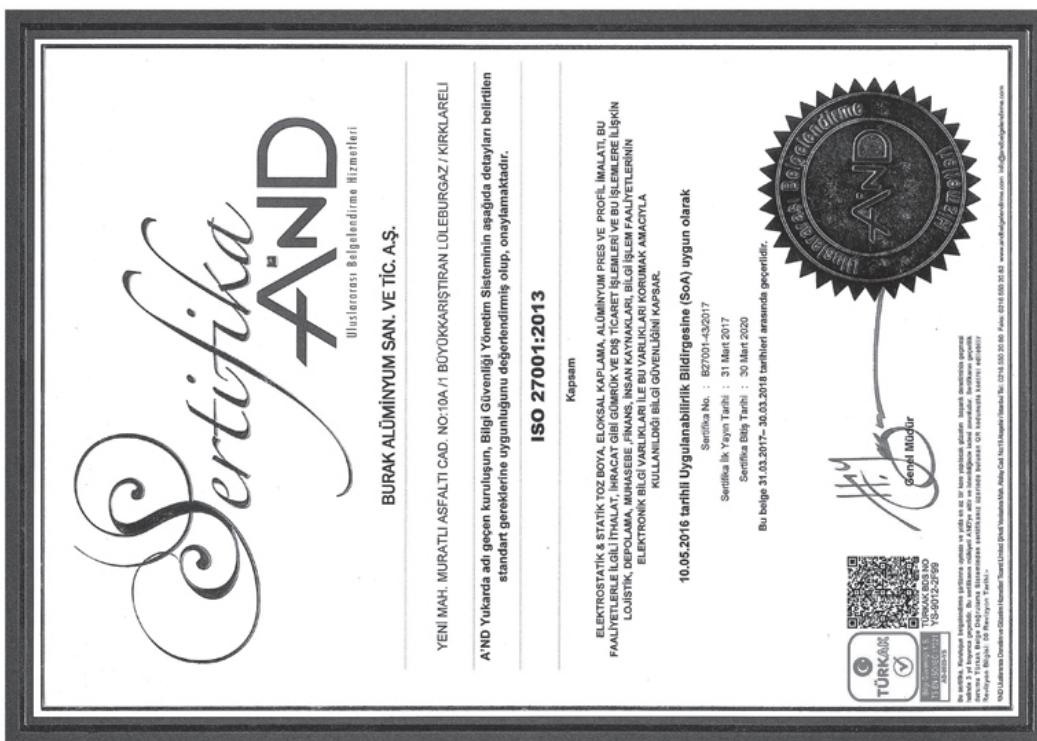




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## Authorization to use the quality sign



**Qualanod**

### CERTIFICATE OF FACTORY PRODUCTION CONTROL 2344 – CPR – 0014/03 AQC-level 2+

In compliance the Regulation 305/2011/EU of the Council of European Communities of 9 March 2011 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Regulation - CPR).

Product	General provisions / Assessment and test methods	Mechanical Properties	Tolerances	Dimensions
Extruded rod/bar	EN 755-1	EN 755-2	round : EN 755-3 square : EN 755-4 hexagonal : EN 755-5 rectangular : EN 755-6 semi-circular : EN 755-7 profile/edge bars : EN 755-8	8 mm ... 100 mm 10-10 ... 60-60 10-5,5 ... 150-70 10 mm ... 250 mm 20-25 ... 75-25 Ø 8 mm ... 450 mm Products with circum ference diameter less than 800 (Ø < 800) mm. Products with circum ference diameter bigger than 300 (Ø > 300) mm.
Extruded tube	EN 755-1	EN 755-2		
Extruded profile	EN 755-1	EN 755-2		
Precision profile	EN 12020-1	EN 12020-2		

placed on the market and produced in the factory by:

**BURAK ALÜMİNYUM SANAYİ VE TİC. A.Ş.**  
Üğurlu Dere Meyki Muratlı Yolu üzeri 3. Km. 39780  
Buyukkaristran / Lileburgaz / Kırklareli / TURKEY

Address: \_\_\_\_\_  
Phone: +90 (212)771-0720  
Fax: +90 (212)771-0732

This certificate was first issued on 14.12.2012 and remains valid as long as the conditions laid down in the harmonised technical specification in reference to the manufacturing conditions in the factory or the FCA itself are not modified significantly and as long as the annual surveillance audits performed by BvA and listed on 13.12.2017 (rep. in)

EN 15088

This certificate was first issued on 14.12.2012 and remains valid as long as the conditions laid down in the harmonised technical specification in reference to the manufacturing conditions in the factory or the FCA itself are not modified significantly and as long as the annual surveillance audits performed by BvA and listed on 13.12.2017 (rep. in)



CE  
2344

Sıvı/a 2



b&a

Phone: +41 (0)43 305 09 70  
Fax: +41 (0)43 305 09 88  
E-mail: info@qualanod.net  
Internet: www.qualanod.net

Mailing address:  
QUALANOD, P.O. Box 1507, CH-8027 Zurich  
Domicile:  
QUALANOD c/o AC-Fiduciaire SA, Tödiistrasse 47, CH-8002 Zurich

**CERTIFICATION BODY**  
  
José Arenas  
President  
Zurich, 15 November 2016  
QUALANOD  
  
José Arenas  
President  
Qualanod  
AC-Fiduciaire SA

**Licence number: 1636**  
This is to certify that

**Burak Alüminyum Sanayi ve Ticaret A.Ş.**

Ugurlu Dere Meyki Muratlı Yolu üzeri 3. Km.  
TR – 39780 Buyukkaristran-Lileburgaz / Kırklareli

is authorized to use the quality sign which is shown above, according to the regulations for the use of the quality label for ARCHITECTURAL ANODIZING as described in the current edition of the Specifications for the QUALANOD quality label for suntunc acid-based anodizing of aluminium (Edition 01.07.2010).

**Date of issue of the licence:**

04.06.2014

**Period of validity of the licence:**

until 31.12.2017

**burak**  
alüminyum

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СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р		ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ	
<b>СЕРТИФИКАТ СООТВЕТСТВИЯ</b>			
	<b>№</b> РОСС ТР.ПП.01.01Н/4968	<b>Срок действия</b>	с 24.04.2017 по 23.04.2020
ОРГАН ПО СЕРТИФИКАЦИИ	№ 2220757	per. № RA.RU.111ПП01	
<p>Орган по сертификации продукции "Конпур" ООО "Конпур-Сертификация", адрес: Россия, 101000, город Москва, улица Мясницкая, дом 41, строение 4. Телефон (495) 665-21-90. Адрес электронной почты: info.konpur.ru@yandex.ru</p> <p><b>ПРОДУКЦИЯ</b> профили алюминиевые Т.М. "BURAK", "ALL-LINE", "ALL-LINE-BOND", "BURAKBOND", "ЭКСАН", "Бескодон". Серийный выпуск.</p>			
<p>СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ</p> <p>TOCT 22233-2001</p> <p>КОД ТИ ВЭД России: 7664109000</p>			
<p><b>ИЗГОТОВИТЕЛЬ</b> BURAK ALUMINYUM SANAYI VE TICARET ANONIM SIRKETI. Адрес: Турция, Турция, yeri mah.Muratli Asalihi No:10 Buyukkaristirm-Luleburgaz-Kirkkale-TURKIYE. Телефон факс: +C1890288 436 1234 /+9023884361563.</p> <p><b>СЕРТИФИКАТ ВЫДАН</b> BURAK ALUMINYUM SANAYI VE TICARET ANONIM SIRKETI. Адрес: TURKIYE, Turkiye, yeri mah.Muratli Asalihi No:10 Buyukkaristirm-Luleburgaz-Kirkkale-TURKIYE. Telefon faks: +9023884361234 /+9022884361363</p> <p><b>НА ОСНОВАНИИ</b> Протокол испытаний № 16/3514 от 23.04.2017 года. Испытательной лаборатории "ТехноТест" Эксперт/Аттестат акредитации № РОСС RU 31278.040104/014003 от 09.01.2017 года по 09.01.2020.</p>			
<p><b>ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ</b></p> <p>Схемы сертификации: 3</p> <p>Руководитель органа: C.A. Иванов</p> <p>Эксперт: И.А. Александрова</p> <p>Сертификат не применяется при обозначенной сертификации</p>			



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## Authorization

to use the quality sign



This is to certify that  
**Burak Aluminyum Sanayi ve Ticaret A.S.**

Ugurludere Meyki Muratli Yolu Uzeri 3 Km.  
TR - 39780 Buyukkaristirm-Luleburgaz / Kirkkale

**Licence number: 1431**

is capable of providing products meeting the requirements for SEASIDE Class and is authorized to use the quality sign which is shown above according to the REGULATIONS FOR THE USE OF THE QUALICOAT QUALITY SIGN FOR PAINT, LACQUER AND POWDER COATINGS ON ALUMINUM FOR ARCHITECTURAL APPLICATIONS.

Date of issue of the licence:

14.07.2014

Period of validity of the licence:

until 31.12.2017

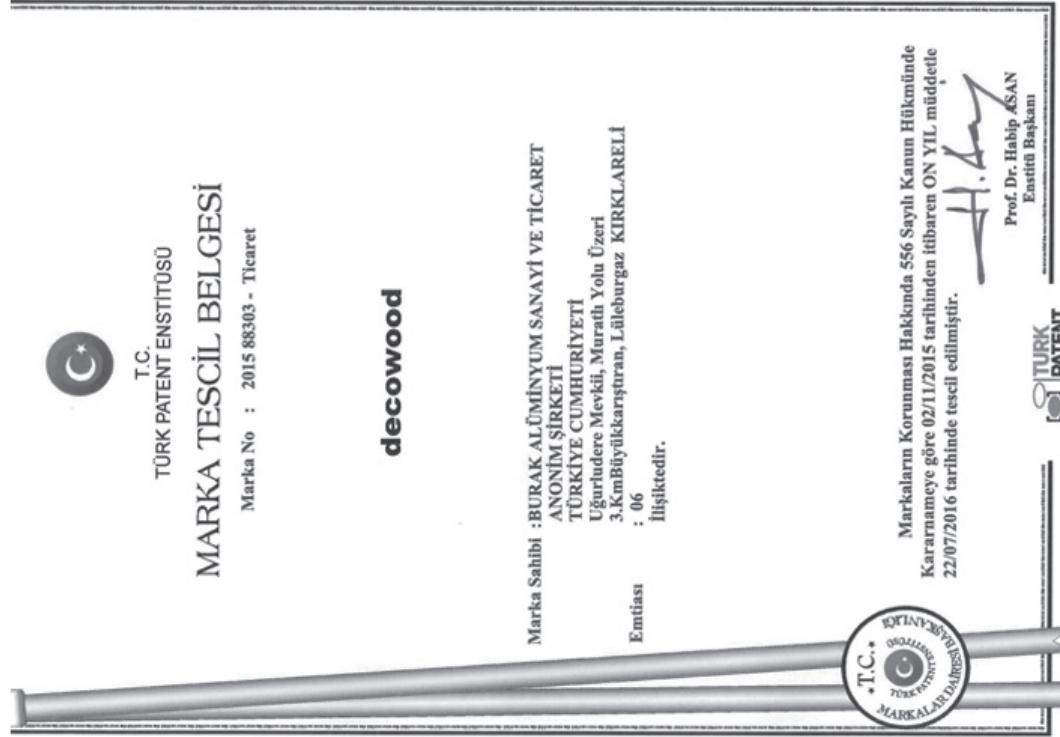
Zurich, 15 November 2016

**CERTIFICATION BODY**

*M.C.Tanam*  
M. C. Tanam  
Mohammed C. Panam  
President

Phone: +41 01/3205.09.70/79  
Fax: +41 043 325.09.98  
E-mail: info@qualicoat.net  
www.qualicoat.net

Mailing address:  
QUALICOAT, 1.O, Box 1507, CH-8027 Zurich  
Domicile:  
QUALICOAT SA AC-Fiduciare SA, Tiefstrasse 47, CH-8002 Zurich



## **Referanslar / References**

### **Konut ve Rezidanslar / Houses & Residences**

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6-302 Bağcılar / İstanbul /Türkiye  
Tel: +90 (212) 771 07 20 Pbx  
Fax: +90 (212) 771 07 28

**Fabrika / Factory**

Yeni Mah. Muratlı Asfaltı No:10  
Büyükkarıştıran / Lüleburgaz  
Kırklareli / Türkiye  
Tel : + 90 444 37 40  
Fax: +90 (288) 436 13 63

**Kartal Mağaza / Kartal Store**

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Hicret Çikmazı No:4 Kartal  
İstanbul /Türkiye  
Tel-Fax: +90 216 353 55 11

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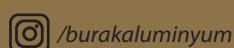
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No: 107 Siteler, 06660  
Ankara / Türkiye  
Tel : +90 (312) 348 37 32 - 348 42 72  
Fax : +90 (312) 348 88 56

**Ankara Ofis 2 / Ankara Office 2**

35.Cad (Yeni 1341. Cad.) No: 81/1  
İvogsan, Yenimahalle,  
Ankara / Türkiye  
Tel : +90 (312) 395 89 95  
Fax : +90 (312) 395 89 97

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Sos. Dimitrie Pompei, No:2A, Et.2,  
Cam. 37, Sector 2, Bucharest/Romania  
Tel : + 40 21 410 02 30 - 31  
Fax: + 40 21 410 41 85  
Mobile : + 40 722 600 625



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