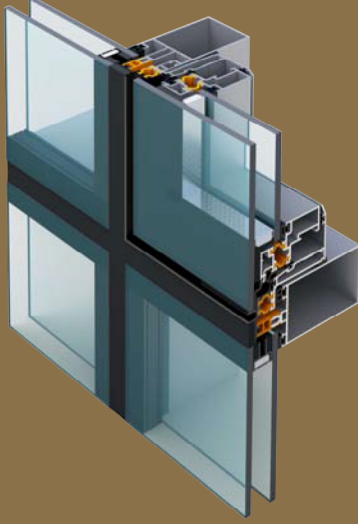




BG 50

Giydirme Cephe Sistemi Curtain Wall System

- **Sistem Kataloğu**

Teknik Özellikler
Profil Bilgisi
Sistem Detayları
Aksesuarlar
Montaj Talimatları

- **System Catalogue**

Technical Properties
Profile Data
System Details
Accessories
Fabrication Manual

İÇİNDEKİLER / INDEX

TEKNİK ÖZELLİKLER / TECHNICAL PROPERTIES	: 2 ... 4
TERMAL HESAP SONUÇLARI / THERMAL CALCULATION RESULTS	: 5 ... 8
TEST RAPORU SONUÇLARI / TEST REPORT RESULTS	: 9
PROFİL FİHRİSTİ / PROFILE INDEX	: 10 ... 15
> PROFİLLER / PROFILES	
DİKME-KAYIT PROFİLLERİ / MULLION-TRANSOM PROFILES	: 16 ... 24
KASET-KANAT PROFİLLERİ / STRUCTURAL CELL-VENT PROFILES	: 26 ... 28
BASKI-KAPAK PROFİLLERİ / PRESSURE CAP-COVER CAP PROFILES	: 29 ... 32
ALÜMİNYUM AKSESUAR PROFİLLERİ / PROFILES OF ALUMINIUM ACCESORIES	: 33 , 34
> DETAYLAR / DETAILS	
KAPAKLI SİSTEM / CAPPED CURTAIN WALL	: 36 ... 51
KASETLİ SİSTEM / STRUCTURAL CELLS	: 52 ... 66
SİLİKON DERZLİ SİSTEM / FOUR SIDE	: 67 ... 87
YARI KAPAKLI SİSTEM / TWO SIDE	: 88 ... 108
> AKSESUARLAR / ACCESSORIES	
AKSESUAR FİHRİSTİ / ACCESSORY INDEX	: 110 ... 113
FİTİLLER / GASKETS	: 114 ... 116
KÖŞE TAKOZLARI / CORNER CLEATS	: 117 , 118
MAKASLAR/ FRICTION STAYS	: 120 ... 122
ISI BARIYERLERİ / INSULATION BARS	: 123
KOLLAR / HANDLES	: 124
DİLATASYON BAĞLANTILARI / DILATATION CONNECTIONS	: 129
U BAĞLANTI CANTALARI / U CONNECTION PLUGS	: 130
U BAĞLANTILAR / U CONNECTIONS	: 131
VULKANİZE KÖŞELER / VULCANIZE CORNER PIECES	: 136
MONTAJ TALİMATLARI / FABRICATION MANUAL	: 132 ... 146

TEKNİK ÖZELLİKLER / TECHNICAL PROPERTIES

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/cm²

Kopma Mukavemeti (Yield Strenght) : 215 N/mm²

Akma Mukavemeti (Flow Strenght) : 160 N/mm²

Uzama (Elongation) : minimum 6 %

Sertlik (Hardness) : 70 HRB

3-Bariyer Hammaddesi

a-PA 66 GF 25 (25 % cam elyaf takviyeli polyamid) (25 % the manufactured from glass stiffened polyamid): Elokso ve toz boya işleminde **önce** yerleştirilir. (Placed into the aluminium profiles **before** anodic oxidation and powder coating.)

b- PVC :

Elokso ve toz boya işleminde **sonra** yerleştirilir. (Placed into the aluminium profiles **after** anodic oxidation and powder coating.)

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

4-Elokso (Anodic Oxidation)

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

(The Standarts of Technical Delivery Terms Regarding Eloxal Products)

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

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

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

5-Toz Boya Standartları (The Standarts of Powder Coating)

Kalınlık (Thickness) : min. 60 mikron

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

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

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

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

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

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

7-Tüm Fitiller (All gaskets)

Hammadde (Raw material) : EPDM

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

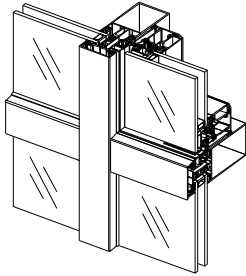
Ölçü Toleransları Standardı (Measurement Tolerances Standarts) : **DIN ISO 3302-1/E2**

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

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

(Measurement Tolerances Standarts for Profile Design and Manufacturing)

ÜRÜN KONSEPTİ / PRODUCT CONCEPT



BG 50 “Burak Giydirme 50mm”; kapaklı, yarı kapaklı, kasetli silikon ve cam cephe seçeneklerinin tümünü tek sistem altında ve yüksek performanslı olarak sunan yeni nesil giydirme cephe sistemidir.

ENERJİ TASARRUFU

Çevreye duyarlılık ve enerji tasarrufu konuları gün geçtikçe önem kazanmakta olduğundan BG 50’de ısı yalıtım özellikleri üst düzeyde tutuldu. Alüminyum, yapısı gereği soğuk bir materyal olmasına rağmen gelişen malzeme çeşitliliği, dizayn yöntemleri ve teknolojilerle artık oldukça yalıtkan bir yapı haline dönüştürülebilmektedir.

BG 50 tamamen günümüz ihtiyaçlarına uygun şekilde performans odaklı olarak tasarlandı. Yüksek termal ve hava-su sızdırmazlık performanslarının yanı sıra, geniş kullanım seçenekleri ve kolay imalat özellikleri de sistemin öne çıkan yanlarındandır.

YENİLİKÇİ TASARIM

Tasarımda dik köşeli ve kalın hatlar yapıyı konvansiyonel bir havaya büründürmektedir. Bu duruma karşı BG 50’de ince profil kesitleri, kıvrımlı yüzey ve eğimli kenarların yanında büyük radyüslü köşeler tercih edildi. Bunlar yapılırken sistemin kullanım kolaylığı ve imalat özelliklerinden de feragat edilmedi.

İMALAT KOLAYLIĞI

Sistemin sahip olduğu aksesuarlar büyük ölçüde tek tipe indirgenerek standartlaşmaya önem verildi. Daha az çeşitte ve ortak kullanımda olan bu aksesuarların bir getirisi olarak farklı tiplerdeki ürünleri aynı aksesuarları kullanarak ortaya çıkarmak mümkün hale gelmektedir.

GELİŞTİRİLEBİLİRLİK

BG 50, genel sistem konsepti olarak kolaylıkla genişletilebilir yapıdadır. Bu sayede eklenecek yeni çözümlerinin sisteme adaptesi hızlı biçimde yapılabilmektedir.

BG 50 “Burak Giydirme 50mm” is new generation curtain wall system that combines capped curtain wall, two side, four side and structural cells in a single system.

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 spite of Aluminium is a cold material in accordance with its structure, it can be as insulative composite structure by variability of materials, design methods and technologies.

BG 50 was designed exactly performance-focused as requirements of present day. Important sides of BG 50 are high performances of thermal and air-water tightness, variously usage options, easy manufacturing specifications.

INNOVATIVE DESIGN

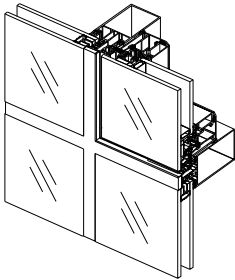
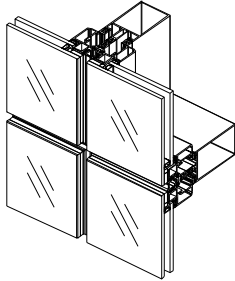
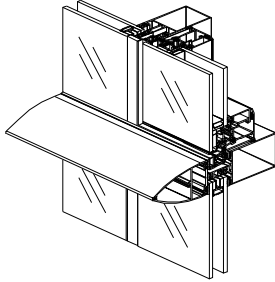
Structure is look like conventional with vertical corner and thick lines in design. Conversely the corners with huge radius preferred with thin profile sections, curly surface and pitched edges. But ease of use and manufacturing specifications did not abandoned.

EASE OF MANUFACTURING

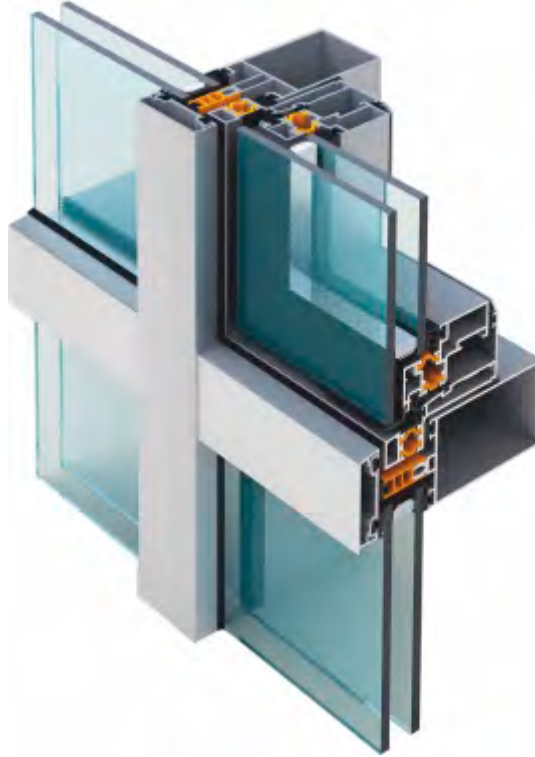
Accessories of BG 50 was mostly standardized. These accessories used generally common with each other. By this method, different types of products is manufactured with the same accessories.

IMPROVABILITY

BG 50 has the developable system concept as general. In this way adaptation of new system solutions can be done quickly.



YÜKSEK ISI YALITIMLI GİYDİRME CEPHE SİSTEMİ HIGH THERMAL INSULATED CURTAIN WALL SYSTEM



TEKNİK ÖZELLİKLER TECHNICAL PROPERTIES

PROFİL GENİŞLİKLERİ / PROFILE WIDTHS	50 mm
DİKME DERİNLİKLERİ / MULLION DEPTHS	50, 80, 100, 120, 140, 160, 180 mm
KAYIT DERİNLİKLERİ / TRANSOM DEPTHS	55, 85, 105, 125, 145, 165, 185 mm
PROFİL ET KALINLIĞI / PROFILE WALL THICKNESS	1,6 mm - 2,4 mm
MAX. CAM KALINLIĞI / MAX. GLASS THICKNESS	42 mm
ISI BARIYERLERİ / INSULATION BARS	14 mm - 30 mm
ISI YALITIM DEĞERİ (Uf) / THERMAL INSULATION VALUE (Uf)	1,47 W/m² K - 3,85 W/m² K

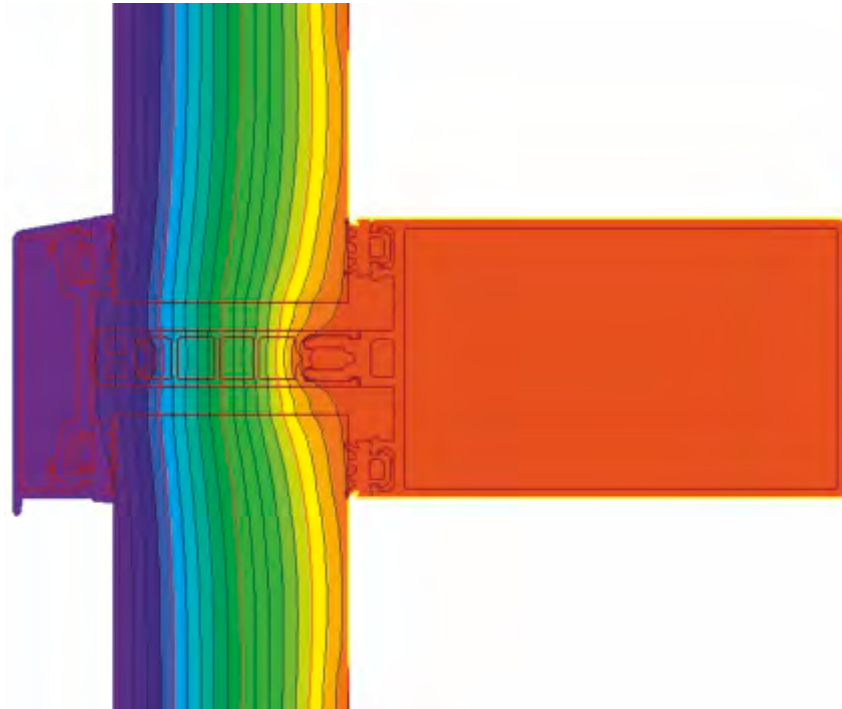
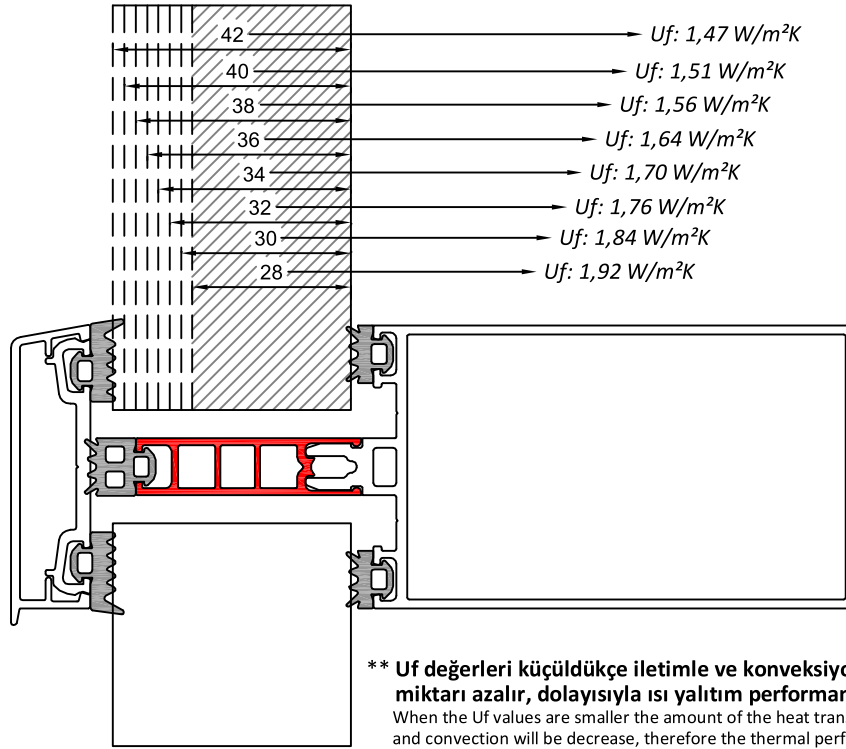
KULLANIM SEÇENEKLERİ APPLICATION ALTERNATIVES

KAPAKLI CEPHE / CAPPED CURTAIN WALL	•
KASETİ SİLİKON CEPHE / CURTAIN WALL WITH STRUCTURAL CELLS	•
SİLİKON DERZLİ CAM CEPHE / FOUR SIDED SILICONE CURTAIN WALL	•
YARI KAPAKLI CEPHE / TWO SIDED CURTAIN WALL	•
DIŞA TERS VASİSTAS G.K. / TOP HUNG OUTWARD OPENING HIDDEN VENT	•
DIŞA PARALEL AÇILIM G.K. / PARALLEL OUTWARD OPENING HIDDEN VENT	•

TERMAL PERFORMANS DEĞERLERİ / THERMAL PERFORMANCE VALUES

KAPAKLI CEPHEDE CAM KALINLIĞINA BAĞLI Uf DEĞERLERİ

UF VALUES ACCORDING TO THE GLASS THICKNESS IN CAPPED CURTAIN WALL

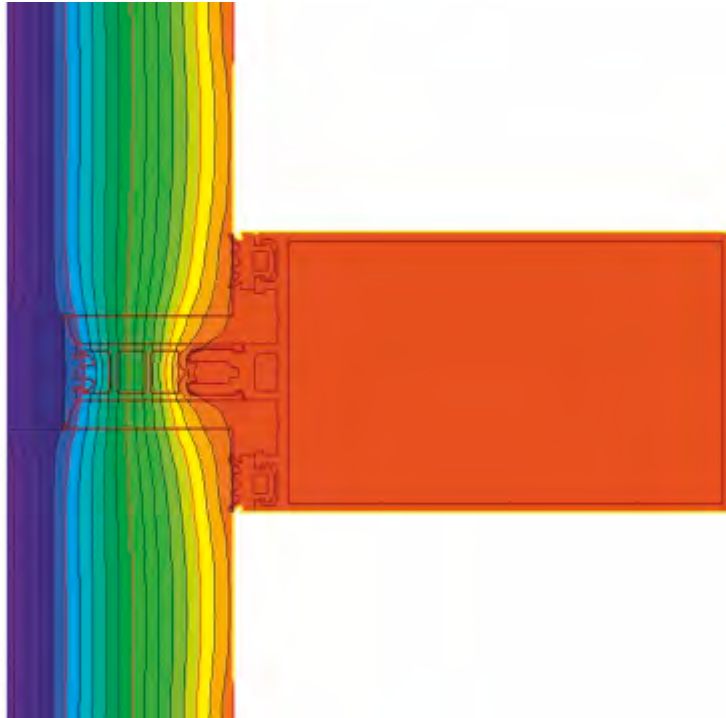
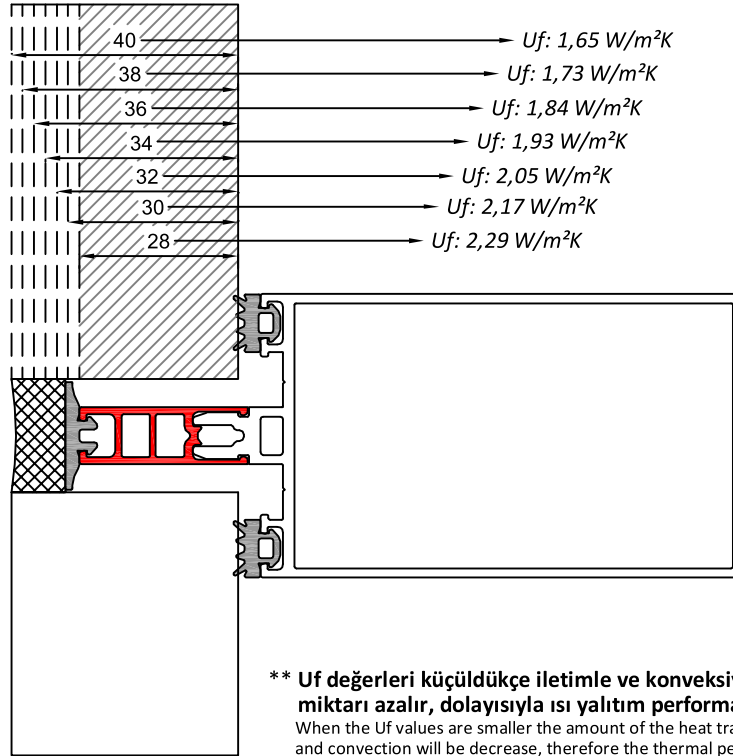


** EN 10077-2 standardına göre; iç ortam sıcaklığı 20°C, dış ortam sıcaklığı 0°C ve bağıl nem %50 olarak alınmıştır.
As EN 10077-2 standard; room temperature is 20°C, outer temperature is 0°C and relative humidity is %50.

TERMAL PERFORMANS DEĞERLERİ / THERMAL PERFORMANCE VALUES

CAM CEPHEDE CAM KALINLIĞINA BAĞLI Uf DEĞERLERİ

Uf VALUES ACCORDING TO THE GLASS THICKNESS IN FOURSIDE CURTAIN WALL

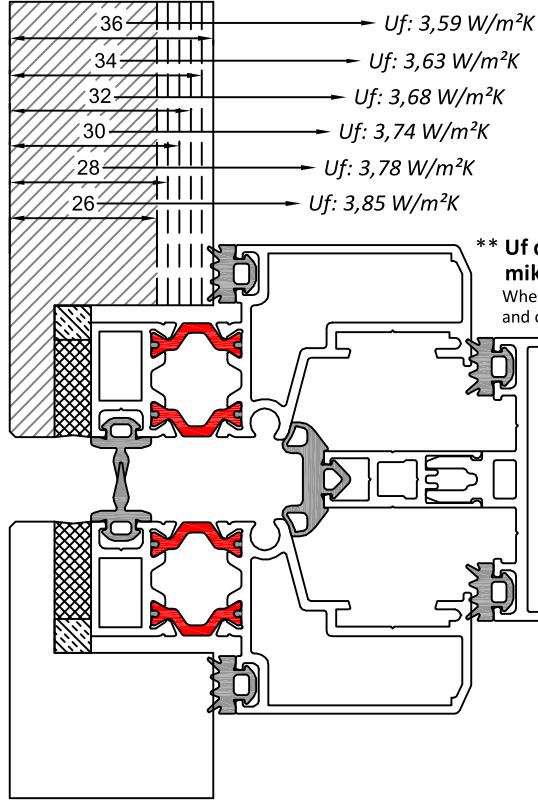


** EN 10077-2 standardına göre; iç ortam sıcaklığı 20°C, dış ortam sıcaklığı 0°C ve bağıl nem %50 olarak alınmıştır.
As EN 10077-2 standard; room temperature is 20°C, outer temperature is 0°C and relative humidity is %50.

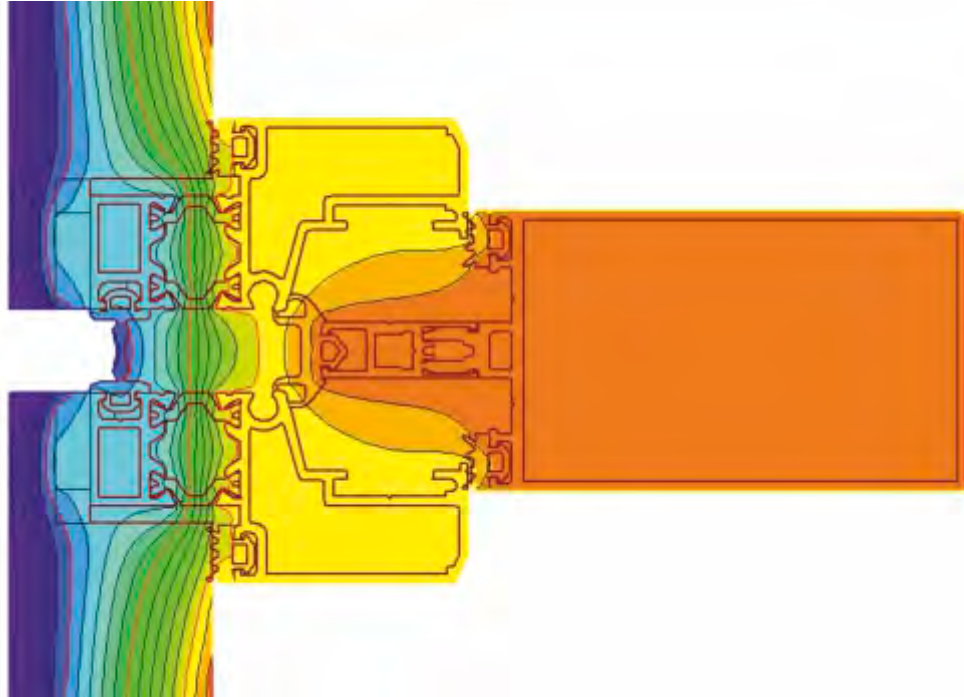
TERMAL PERFORMANS DEĞERLERİ / THERMAL PERFORMANCE VALUES

KASETLİ SİLİKON CEPHEDE CAM KALINLIĞINA BAĞLI Uf DEĞERLERİ

UF VALUES ACCORDING TO THE GLASS THICKNESS IN CURTAIN WALL WITH STRUCTURAL CELLS



**** Uf değerleri küçüldükçe iletimle ve konveksiyonla ısı transferi miktarı azalır, dolayısıyla ısı yalıtım performansı artar.**
When the Uf values are smaller the amount of the heat transfer by conduction and convection will be decrease, therefore the thermal performance increases.



**** 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.

CAM CEPHEDE YOĞUŞMA PERFORMANSI FARKLARI

PERFORMANCE DIFFERENCES OF CONDENSATION AT FOURSIDE

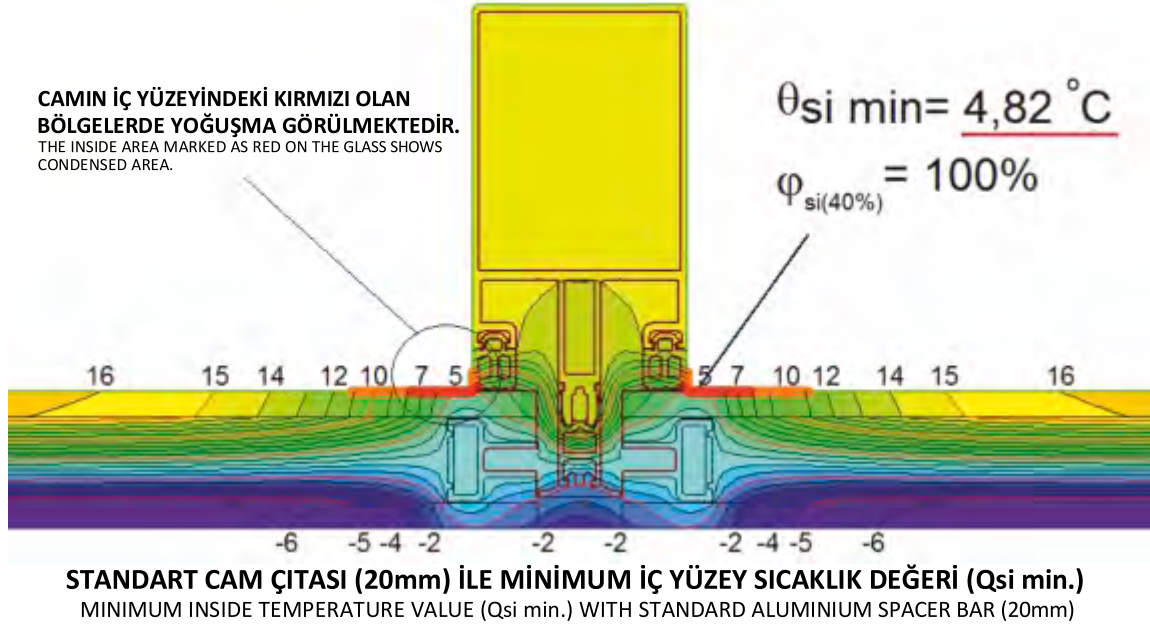
TERMAL HESAP KOŞULLARI

THERMAL CALCULATION CONDITIONS

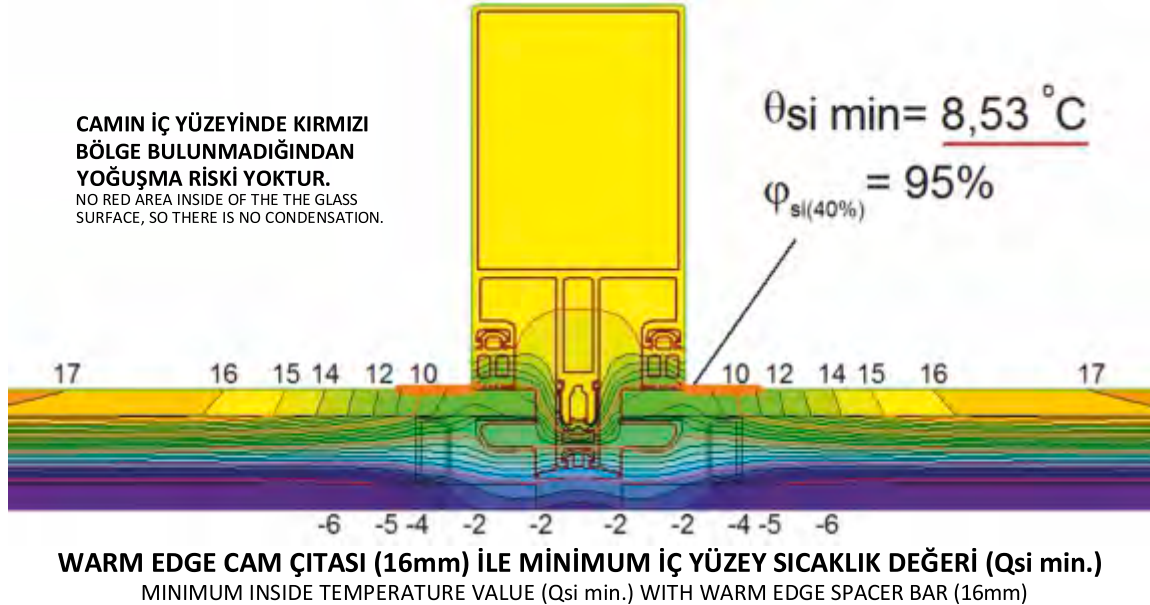
DIŞ ORTAM SICAKLIĞI (OUTER TEMPERATURE)	: -10°C
İÇ ORTAM SICAKLIĞI (ROOM TEMPERATURE)	: 22°C
BAĞIL NEM (RELATIVE HUMIDITY)	: %40

EN 10077-2

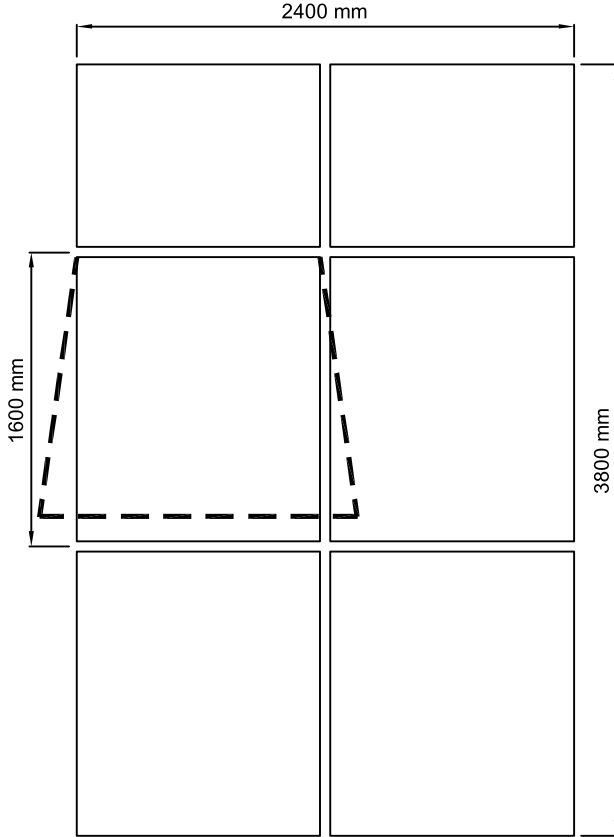
1. STANDARD ALUMINIUM SPACER (6+20+6 > Ug: 1,4 W/m²K)



2. WARM EDGE SPACER (6+16+6 > Ug: 1,4 W/m²K)



- > MİNİMUM İÇ YÜZEY SICAKLIĞI(Qsi min.) NE KADAR YÜKSEK OLURSA, SİSTEMİN YOĞUŞMA PERFORMANSI DA O KADAR İYİ OLUR.
- > CONDENSATION PERFORMANCE INCREASES DIRECTLY PROPORTIONAL WITH RAISING OF THE MINIMUM INSIDE TEMPERATURE VALUE (Qsi min.)

TEST RAPORU PERFORMANS DEĞERLERİ**TEST REPORT PERFORMANCE VALUES****Test Numunesinin Ebatları****Test Sample Dimensions****Kapaklı Cephe / Capped Curtain Wall**Genişlik / Width: **2400 mm**Yükseklik / Height: **3800 mm****Dışa Açılır Kanat / Outward Opening Vent**Genişlik / Width: **1200 mm**Yükseklik / Height: **1600 mm****Kasetli Silikon Cephe / Structural Cells**Genişlik / Width: **2400 mm**Yükseklik / Height: **3800 mm****Dışa Açılır Kanat / Outward Opening Vent**Genişlik / Width: **1200 mm**Yükseklik / Height: **1600 mm****KAPAKLI CEPHE****CAPPED CURTAIN WALL**HAVA GEÇİRGENLİĞİ - EN 12152
(AIR PERMEABILITY)**A1**
(150 Pa)**A2**
(300 Pa)**A3**
(450 Pa)**A4**
(600 Pa)**AE**
(750+ Pa)SU SIZDIRMAZLIĞI - EN 12154
(WATERTIGHTNESS)**R4**
(150 Pa)**R5**
(300 Pa)**R6**
(450 Pa)**R7**
(600 Pa)**RE...**
(750+ Pa)**RE1500**
(1500 Pa)RÜZGAR YÜKÜNE DAYANIM - EN 13116
(RESISTANCE TO WIND LOAD)**1200 - 3000 Pa****KASETLİ SİLİKON CEPHE****CURTAIN WALL WITH STRUCTURAL CELLS**HAVA GEÇİRGENLİĞİ - EN 12152
(AIR PERMEABILITY)**A1**
(150 Pa)**A2**
(300 Pa)**A3**
(450 Pa)**A4**
(600 Pa)**AE**
(750+ Pa)SU SIZDIRMAZLIĞI - EN 12154
(WATERTIGHTNESS)**R4**
(150 Pa)**R5**
(300 Pa)**R6**
(450 Pa)**R7**
(600 Pa)**RE...**
(750+ Pa)**RE1500**
(1500 Pa)RÜZGAR YÜKÜNE DAYANIM - EN 13116
(RESISTANCE TO WIND LOAD)**1200 - 3000 Pa****** Daha fazla bilgi için, lütfen test raporlarını isteyiniz. / For further information, please ask for the test reports.**

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
20000		KANAT PROFİLİ VENT PROFILE	1,109	26
20001		TESPİT PROFİLİ FIXING PROFILE FOR VENT	0,196	33
20002		TİJ PROFİLİ PUSHING ROD PROFILE	0,102	28
20003		KÖŞE TAKOZU PROFİLİ CORNER CLEAT PROFILE	3,190	34
20004		U BAĞLANTI PROFİLİ U CONNECTION PROFILE	1,073	34
20005		UZATMA PROFİLİ (33 mm) EXTENDING PROFILE	0,431	26
20006		DİKME PROFİLİ (80 mm/2 mm) MULLION PROFILE	1,842	18
20007		KAYIT PROFİLİ (85 mm/1,6 mm) TRANSOM PROFILE	1,445	18
20008		KÖŞE TAKOZU PROFİLİ CORNER CLEAT PROFILE	2,117	34
20009		KAPAK PROFİLİ (16 mm) COVER CAP PROFILE	0,341	29
20010		BASKI KAPAK PROFİLİ PRESSURE CAP PROFILE	0,349	29
20011		KAPAK PROFİLİ (14 mm) COVER CAP PROFILE	0,322	29
20012		CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE	0,313	33
20013		KANAT PROFİLİ VENT PROFILE	0,976	27
20014		KASET CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE	0,100	33

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
20017		DİKME PROFİLİ (50 mm/1,6 mm) MULLION PROFILE	1,402	17
20018		DİKME PROFİLİ (50 mm/2 mm) MULLION PROFILE	1,518	17
20019		KAYIT PROFİLİ (55 mm/1,6 mm) TRANSOM PROFILE	1,186	17
20020		KAYIT PROFİLİ (55 mm/2 mm) TRANSOM PROFILE	1,338	17
20021		DİKME PROFİLİ (80 mm/1,6 mm) MULLION PROFILE	1,661	18
20022		KAYIT PROFİLİ (85 mm/2 mm) TRANSOM PROFILE	1,662	18
20023		DİKME PROFİLİ (100 mm/1,6 mm) MULLION PROFILE	1,834	19
20024		KAYIT PROFİLİ (105 mm/1,6 mm) TRANSOM PROFILE	1,618	19
20025		DİKME PROFİLİ (100 mm/2 mm) MULLION PROFILE	2,058	20
20026		KAYIT PROFİLİ (105 mm/2 mm) TRANSOM PROFILE	1,878	20
20027		DİKME PROFİLİ (120 mm/2 mm) MULLION PROFILE	2,274	21
20028		KAYIT PROFİLİ (125 mm/2 mm) TRANSOM PROFILE	2,094	21
20029		DİKME PROFİLİ (140 mm/2 mm) MULLION PROFILE	2,490	22
20030		KAYIT PROFİLİ (145 mm/2 mm) TRANSOM PROFILE	2,310	22
20031		DİKME PROFİLİ (160 mm/2,2 mm) MULLION PROFILE	2,906	23

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
20032		KAYIT PROFİLİ (165 mm/2,2 mm) TRANSOM PROFILE	2,720	23
20033		KAYIT PROFİLİ (185 mm/2,4 mm) TRANSOM PROFILE	3,173	24
20034		DİKME PROFİLİ (180 mm/2,4 mm) MULLION PROFILE	3,389	24
20035		ÖZEL CAM ÇITASI (20mm) SPECIAL GLASS SPACER	0,274	28
20036		CAM ARASI KİLİTLEME PROFİLİ FOURSIDE LOCKING PROFILE	3,388	33
20037		CAM ARASI KİLİTLEME PROFİLİ FOURSIDE LOCKING PROFILE	0,479	33
20038		KASET CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE	0,190	33
20039		CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE	0,283	33
20040		KASET CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE	0,148	33
20041		TEK CAM ADAPTÖR PROFİLİ (14 mm) SINGLE GLAZING ADAPTER PROFILE	0,146	30
20042		TEK CAM ADAPTÖR PROFİLİ (18 mm) SINGLE GLAZING ADAPTER PROFILE	0,176	30
20043		TEK CAM ADAPTÖR PROFİLİ (22 mm) SINGLE GLAZING ADAPTER PROFILE	0,211	30
20044		YARI KAPAKLI SİSTEM İÇİN KASA ADAPTÖR PROFİLİ ADAPTER PROFILE FOR TWOSIDED CURTAIN WALL FRAME	0,152	28
20045		15° AÇILI CAM ÇITASI GLAZING ADAPTER PROFILE FOR 15°	0,114	30
20046		ÖZEL CAM ÇITASI (16mm) SPECIAL GLASS SPACER	0,087	28

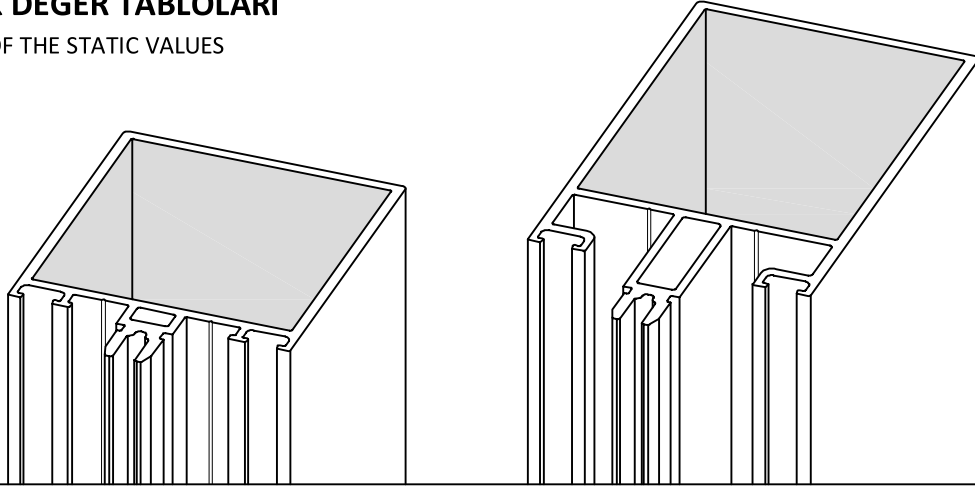
PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
20047		15° AÇILI ADAPTÖR PROFİLİ ADAPTER PROFILE FOR 15°	0,499	30
20048		KÖŞE BAĞLANTI ADAPTÖR PROFİLİ CORNER ADAPTER PROFILE	0,255	28
20049		KÖŞE BAĞLANTI ADAPTÖR PROFİLİ CORNER ADAPTER PROFILE	0,388	28
20050		SPANDREL BÖLGE KASET PROFİLİ PANEL PROFILE FOR SPANDREL AREAS	0,396	28
20051		SPANDREL BÖLGE KASET PROFİLİ PANEL PROFILE FOR SPANDREL AREAS	0,423	28
20052		SPANDREL BÖLGE KASET PROFİLİ PANEL PROFILE FOR SPANDREL AREAS	0,425	28
20053		SPANDREL BÖLGE KASET PROFİLİ PANEL PROFILE FOR SPANDREL AREAS	0,461	28
20054		45° KAPAK ALTI BASKI PROFİLİ PRESSURE PROFILE FOR 45°	0,439	29
20055		45° AÇILI KAPAK PROFİLİ COVER CAP PROFILE FOR 45°	0,252	29
20056		15° AÇILI BASKI PROFİLİ PRESSURE PROFILE FOR 15°	0,511	29
20057		15° AÇILI KAPAK PROFİLİ COVER CAP PROFILE FOR 15°	0,509	29
20058		60° KAPAK ALTI BASKI PROFİLİ PRESSURE PROFILE FOR 60°	0,382	29
20059		KAPAK PROFİLİ (50 mm) COVER CAP PROFILE	0,770	30
20060		BADEM KAPAK PROFİLİ (100 mm) OVAL COVER CAP PROFILE	1,195	32
20061		KAPAK ALTI BASKI PROFİLİ PRESSURE PROFILE	0,485	30

PROFİL NUM. PROFILE NO.	ÇİZİM DRAWING	TANIM DESCRIPTION	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
20062		KAPAK PROFİLİ (100 mm) COVER CAP PROFILE	1,371	30
20063		KAPAK PROFİLİ (150 mm) COVER CAP PROFILE	2,004	31
20064		KAPAK PROFİLİ (200 mm) COVER CAP PROFILE	2,938	31
20065		BADEM KAPAK PROFİLİ (150 mm) OVAL COVER CAP PROFILE	1,886	32
20066		BADEM KAPAK PROFİLİ (200 mm) OVAL COVER CAP PROFILE	2,780	32
20067		KÖŞE DÖNÜŞ PROFİLİ CORNER PROFILE	3,092	25
20068		UZATMA PROFİLİ (18 mm) EXTENDING PROFILE	0,276	26
20069		KANAT PROFİLİ VENT PROFILE	0,881	26
20070		SPANDREL BÖLGE KASET PROFİLİ PROFILE FOR SPANDREL AREAS	0,593	26
20071		SPANDREL BÖLGE KASET PROFİLİ PROFILE FOR SPANDREL AREAS	0,523	26
20073		KÖŞE DÖNÜŞ PROFİLİ CORNER PROFILE	0,797	25
20078		CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE	0,544	33
20079		DİLATASYON PROFİLİ DILATATION PROFILE	3,365	34
BG5001		KASA PROFİLİ FRAME PROFILE	1,254	27
BG5002		KANAT PROFİLİ VENT PROFILE	1,157	27

15

STATİK DEĞER TABLOLARI

TABLES OF THE STATIC VALUES

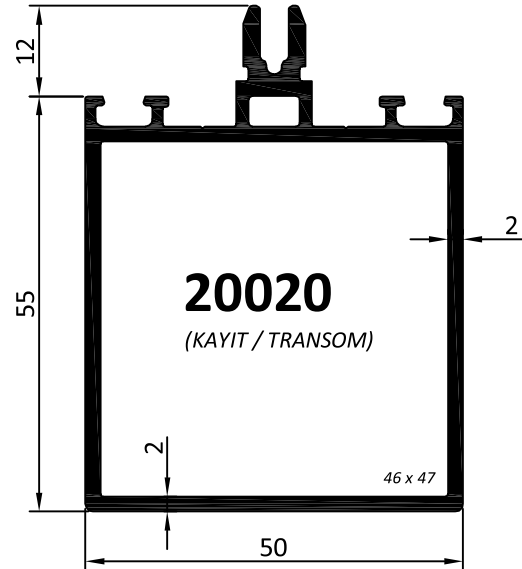
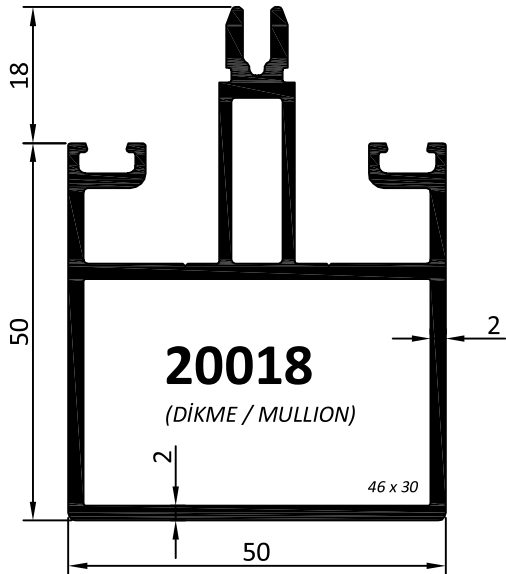
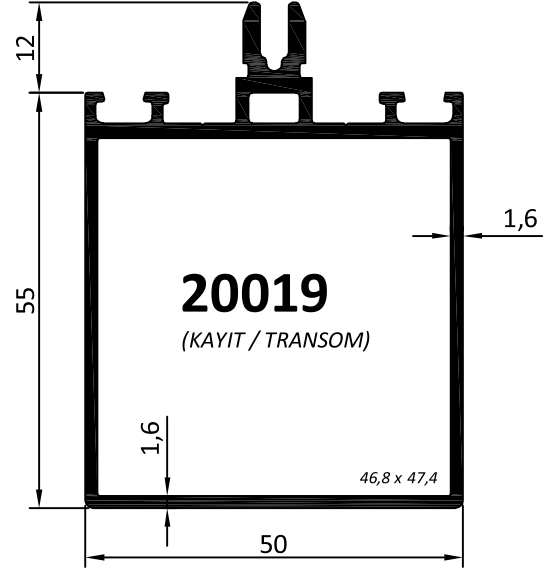
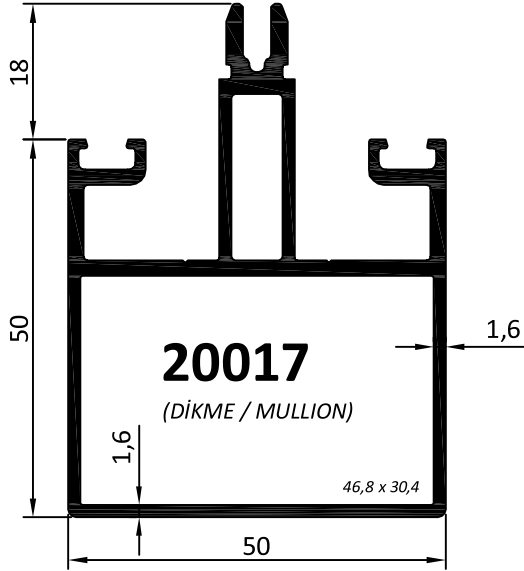


TAŞIYICI DÜŞEY PROFİLLER / MULLION PROFILES

PROFİL NUMARASI PROFILE NO.	PROFİL DERİNLİĞİ PROFILE DEPTH	ET KALINLIĞI WALL THICKNESS	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20017	50mm	1.6mm	5,43	5,85	19,37	14,64	1,402
20018	50mm	2mm	5,81	6,51	21,71	16,27	1,518
20021	80mm	1.6mm	11,77	8,11	54,95	20,27	1,661
20006	80mm	2mm	12,59	9,28	62,27	23,19	1,842
20023	100mm	1.6mm	16,99	9,61	92,95	24,02	1,834
20025	100mm	2mm	18,19	11,12	105,55	27,80	2,058
20027	120mm	2mm	24,53	12,96	163,82	32,41	2,274
20029	140mm	2mm	31,49	14,81	238,75	37,02	2,490
20031	160mm	2.2mm	40,84	17,95	357,88	44,89	2,906
20034	180mm	2.4mm	51,96	21,46	520,45	53,67	3,389

YATAY KAYIT PROFİLLERİ / TRANSOM PROFILES

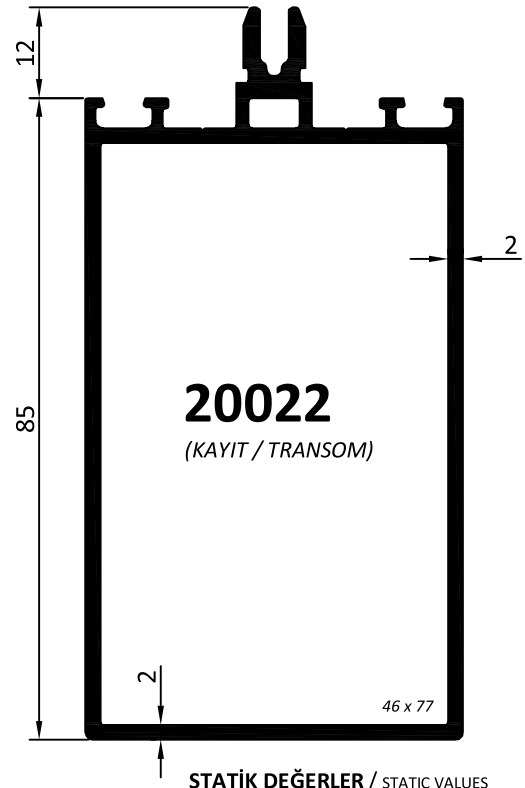
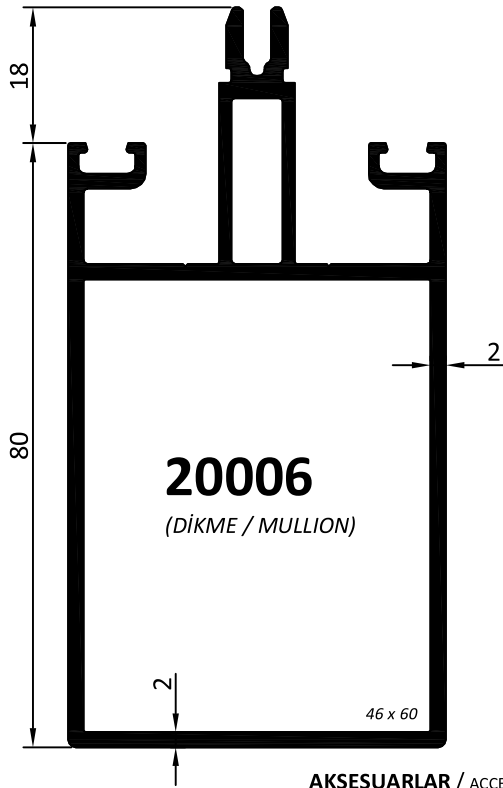
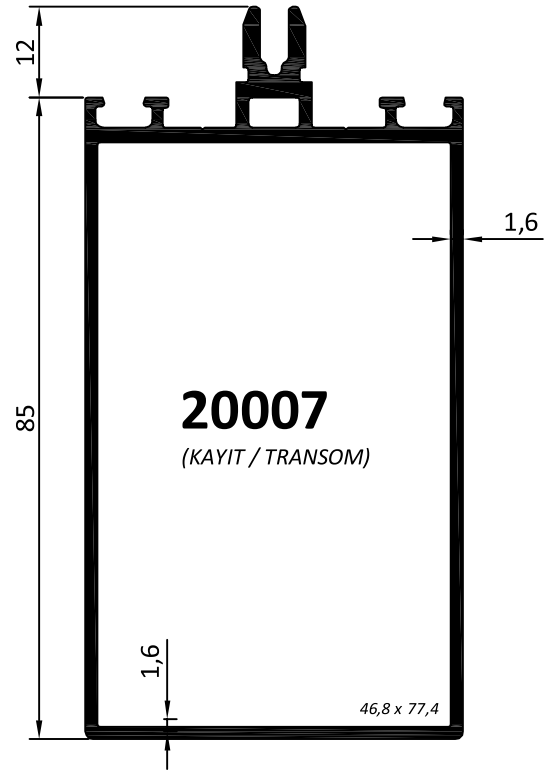
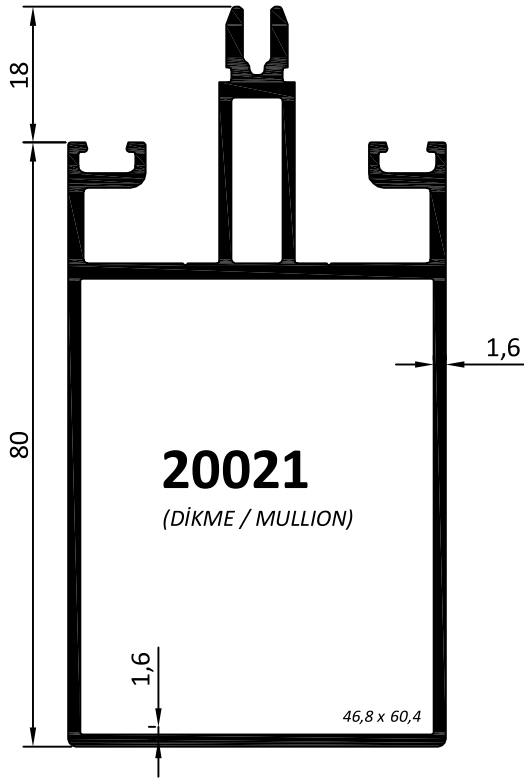
PROFİL NUMARASI PROFILE NO.	PROFİL DERİNLİĞİ PROFILE DEPTH	ET KALINLIĞI WALL THICKNESS	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20019	55mm	1.6mm	6,53	5,54	21,34	13,85	1,186
20020	55mm	2mm	6,96	6,48	24,12	16,21	1,338
20007	85mm	1.6mm	12,70	7,79	58,03	19,47	1,445
20022	85mm	2mm	13,66	9,25	65,97	23,13	1,662
20024	105mm	1.6mm	17,43	9,29	95,44	23,22	1,618
20026	105mm	2mm	18,87	11,10	108,85	27,74	1,878
20028	125mm	2mm	24,65	12,94	165,60	32,35	2,094
20030	145mm	2mm	30,97	14,78	237,83	36,96	2,310
20032	165mm	2.2mm	39,56	18,00	347,62	45,02	2,720
20033	185mm	2.4mm	49,56	21,54	490,34	53,85	3,173



AKSESUARLAR / ACCESSORIES

STATİK DEĞERLER / STATIC VALUES

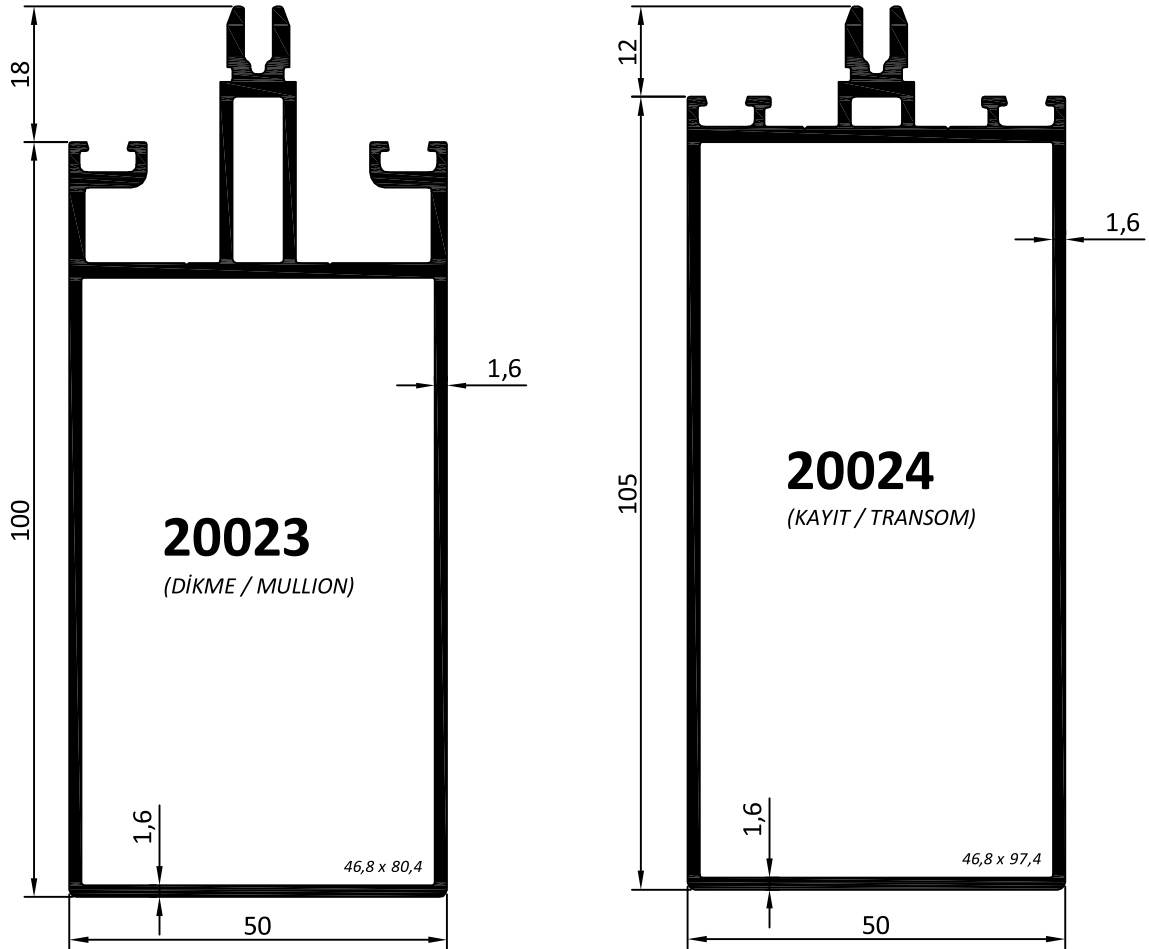
PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20017	171001	-	-	5,43	5,85	19,37	14,64	1,402
20018	171001	-	-	5,81	6,51	21,71	16,27	1,518
20019	-	151001	242001	6,53	5,54	21,34	13,85	1,186
20020	-	151001	242001	12,70	7,79	24,12	16,21	1,338



AKSESUARLAR / ACCESSORIES

STATİK DEĞERLER / STATIC VALUES

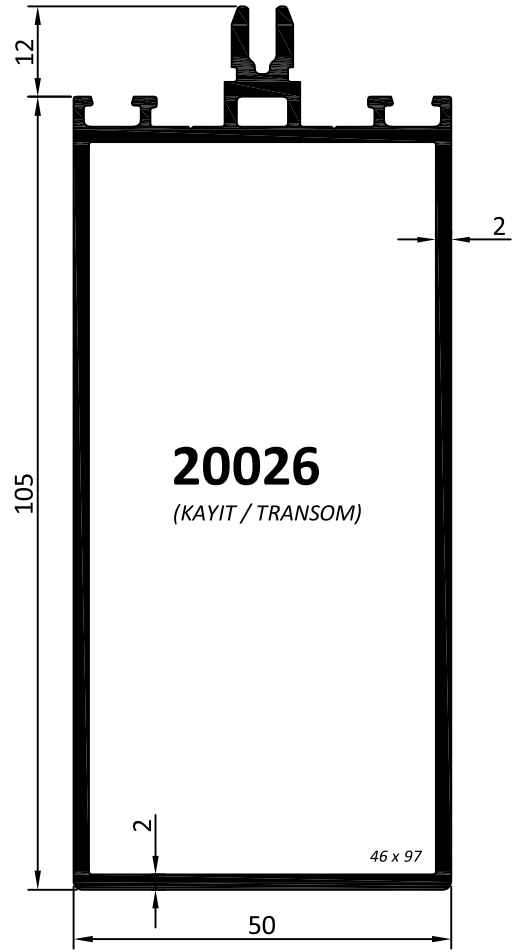
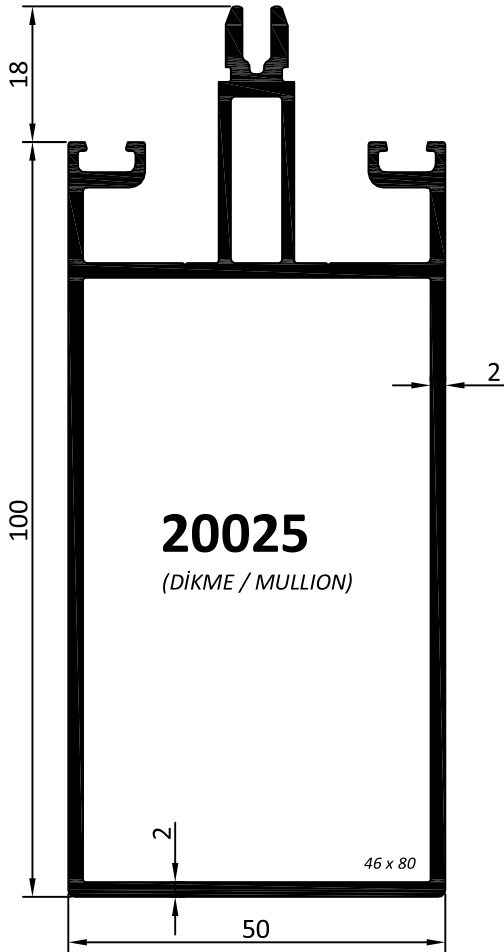
PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20021	171002	-	-	11,77	8,11	54,95	20,27	1,661
20006	171002	-	-	12,59	9,28	62,27	23,19	1,842
20007	-	151002	242002	12,70	7,79	58,03	19,47	1,445
20022	-	151002	242002	13,66	9,25	65,97	23,13	1,662



AKSESUARLAR / ACCESSORIES

STATİK DEĞERLER / STATIC VALUES

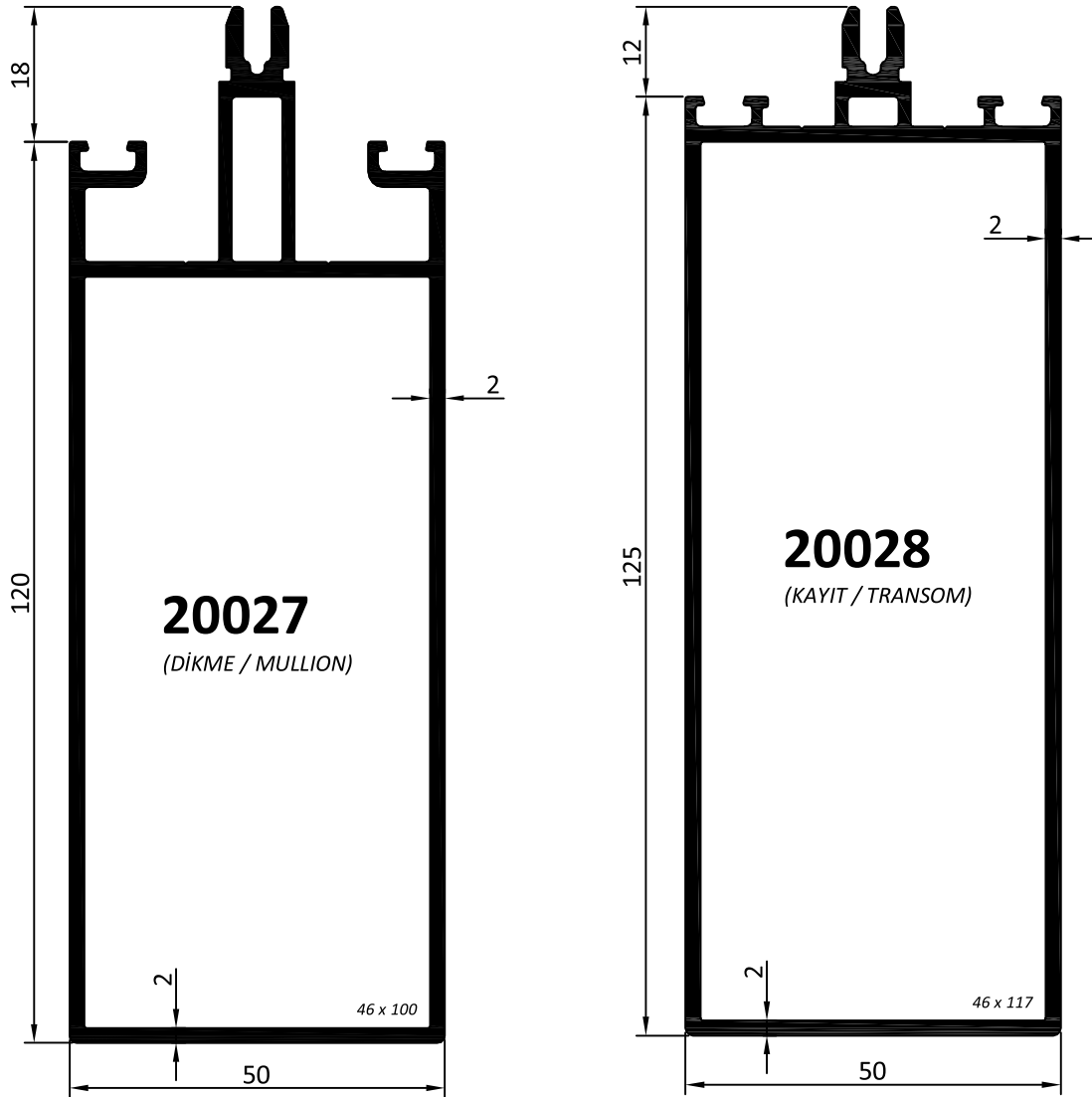
PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20023	171003	-	-	16,99	9,61	92,95	24,02	1,834
20024	-	151003	242003	17,43	9,29	95,44	23,22	1,618



AKSESUARLAR / ACCESSORIES

STATİK DEĞERLER / STATIC VALUES

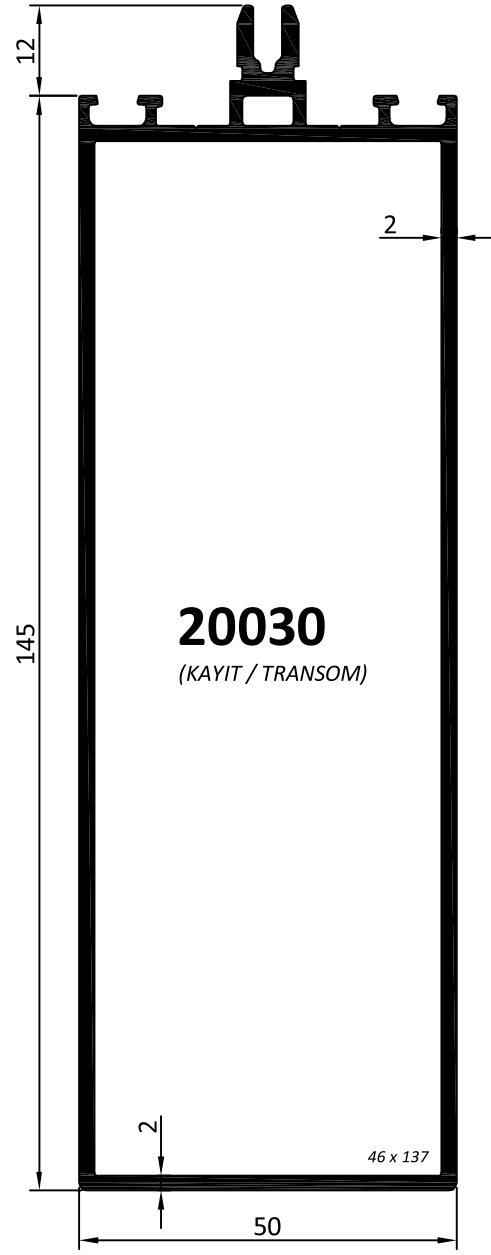
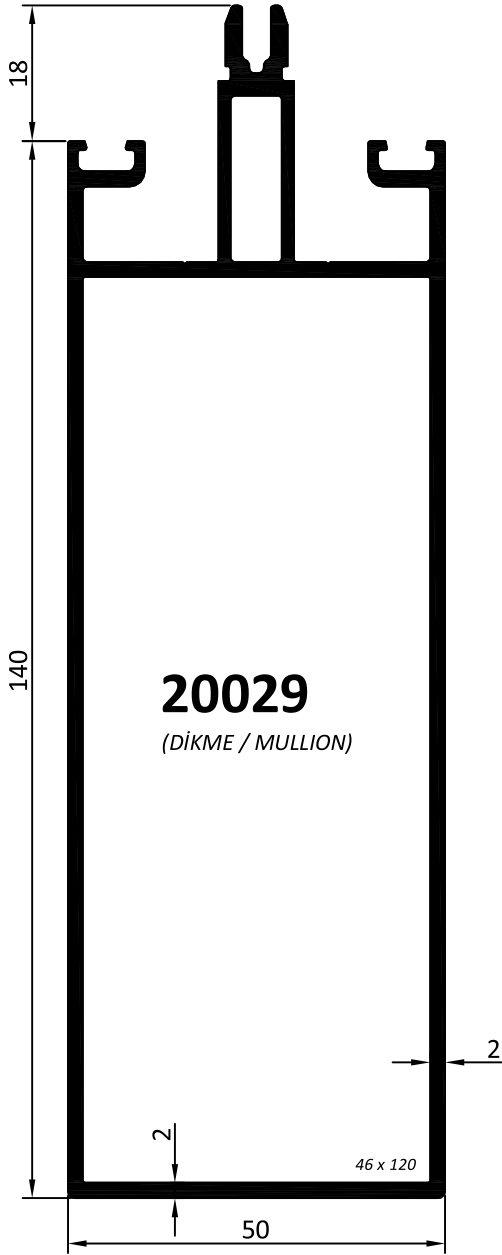
PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20025	171003	-	-	18,19	11,12	105,55	27,80	2,058
20026	-	151003	242003	18,87	11,10	108,85	27,74	1,878



AKSESUARLAR / ACCESSORIES

STATİK DEĞERLER / STATIC VALUES

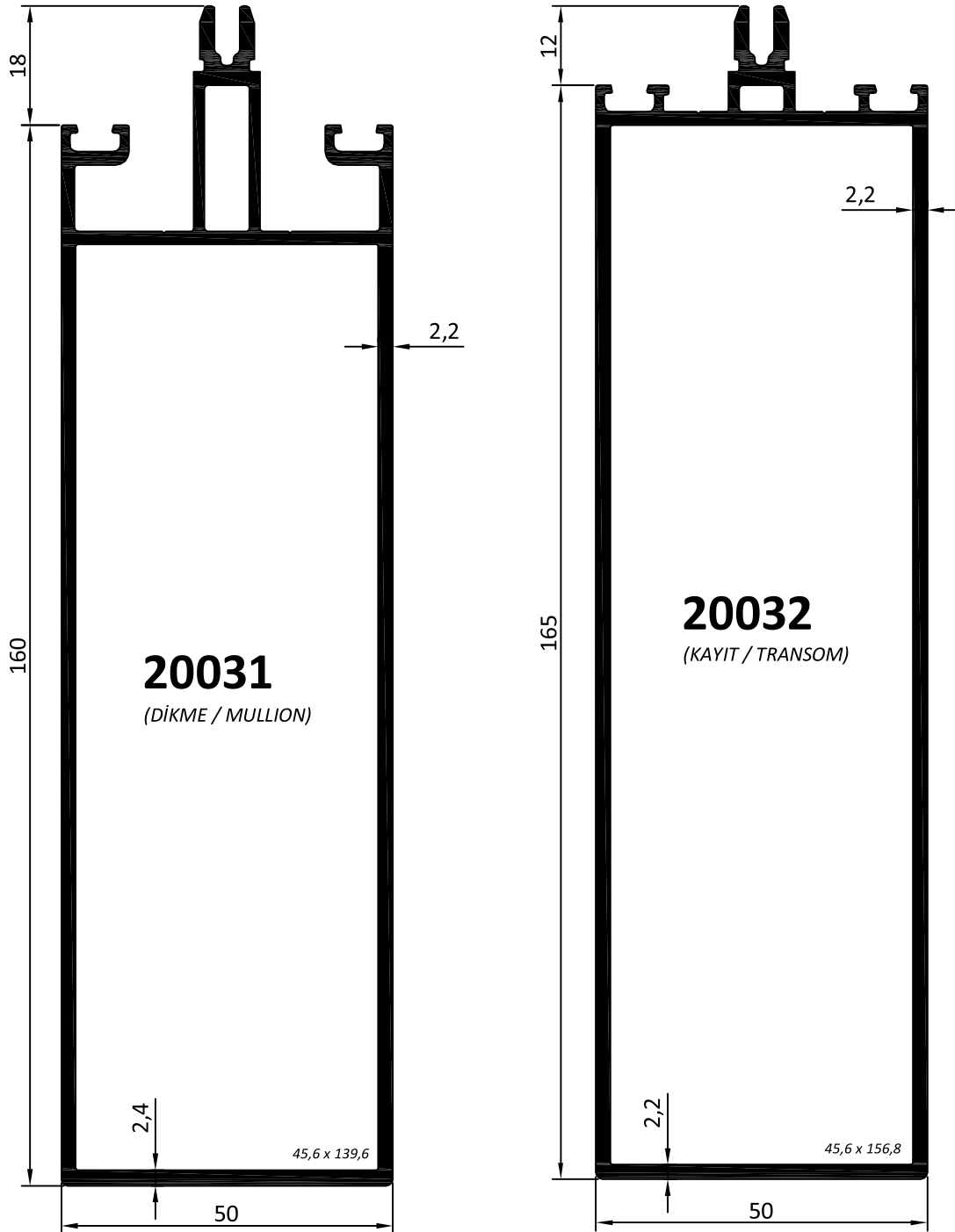
PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20027	171004	-	-	24,53	12,96	163,82	32,41	2,274
20028	-	151004	242004	24,65	12,94	165,60	32,35	2,094



AKSESUARLAR / ACCESSORIES

STATİK DEĞERLER / STATIC VALUES

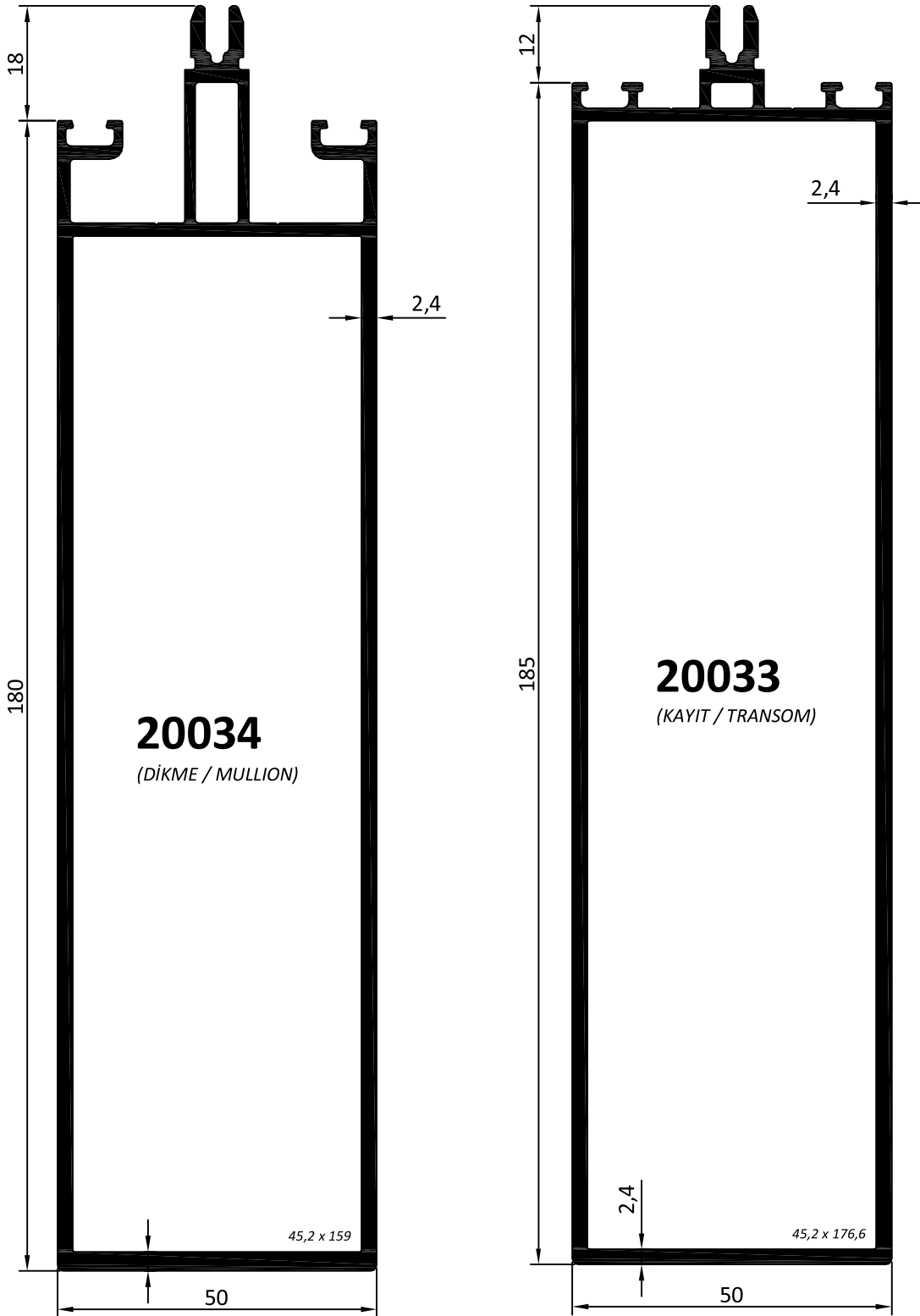
PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20029	171005	-	-	31,49	14,81	238,75	37,02	2,490
20030	-	151005	242005	30,97	14,78	237,83	36,96	2,310



AKSESUARLAR / ACCESSORIES

STATİK DEĞERLER / STATIC VALUES

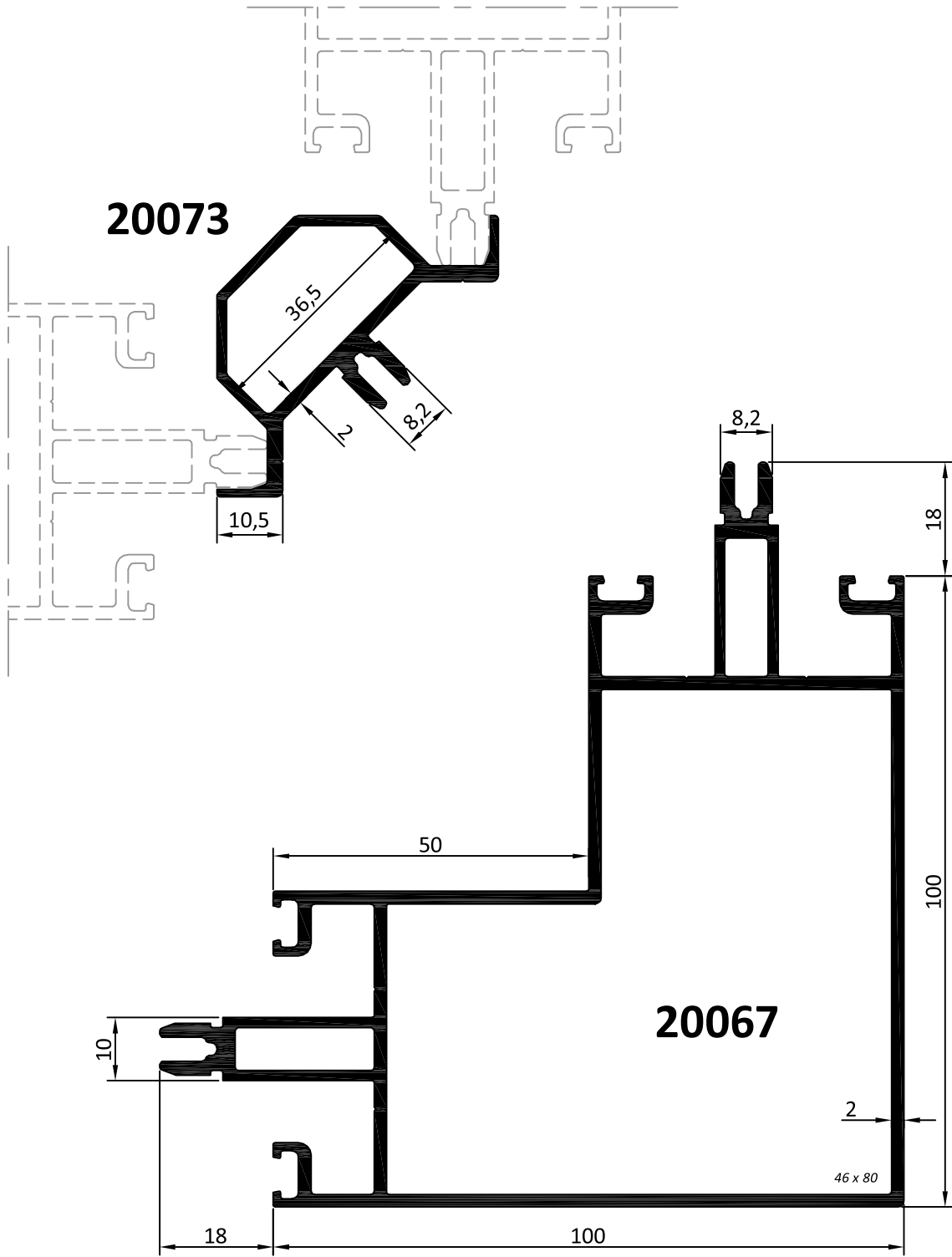
PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20031	171006	-	-	40,84	17,95	357,88	44,89	2,906
20032	-	151006	242006	39,56	18,00	347,62	45,02	2,720



AKSESUARLAR / ACCESSORIES

STATİK DEĞERLER / STATIC VALUES

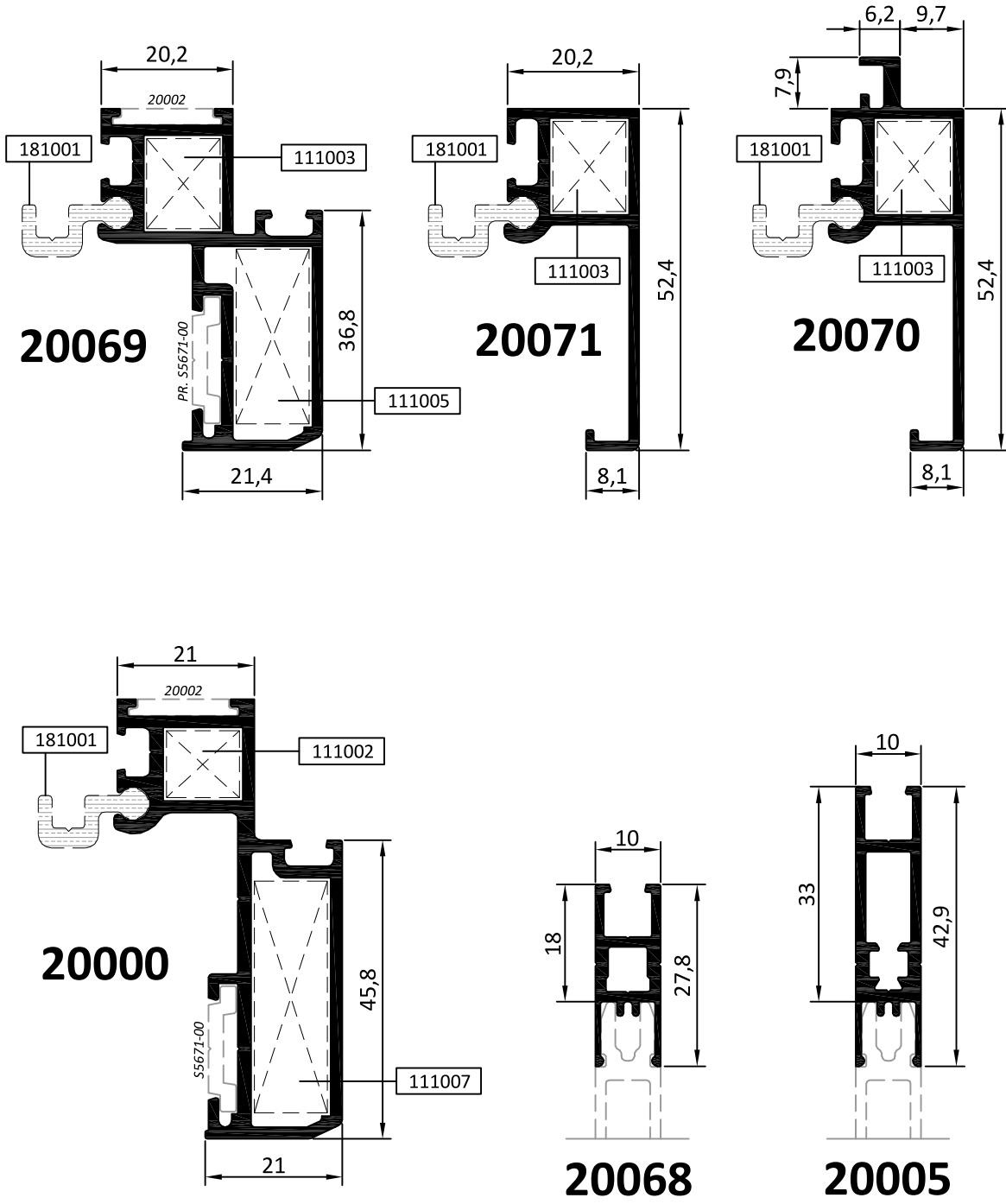
PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20033	-	151007	242007	49,56	21,54	490,34	53,85	3,173
20034	171007	-	-	51,96	21,46	520,45	53,67	3,389



AKSESUARLAR / ACCESSORIES

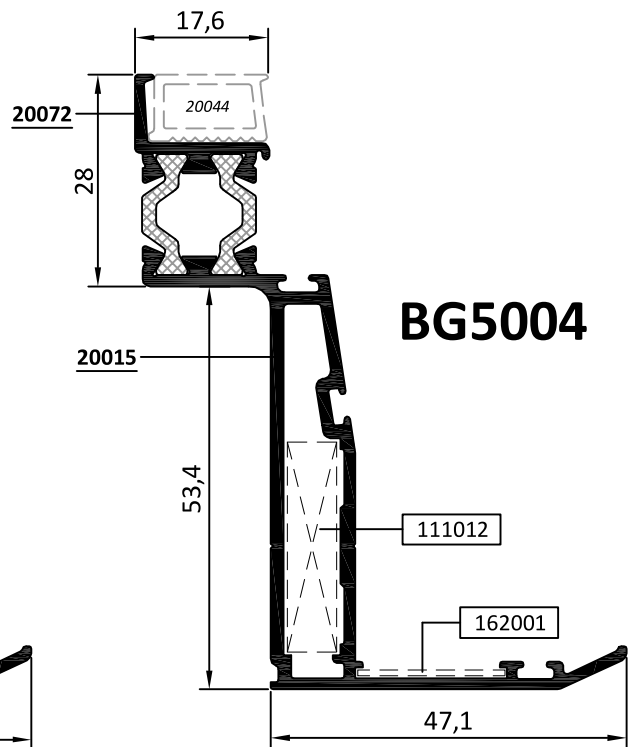
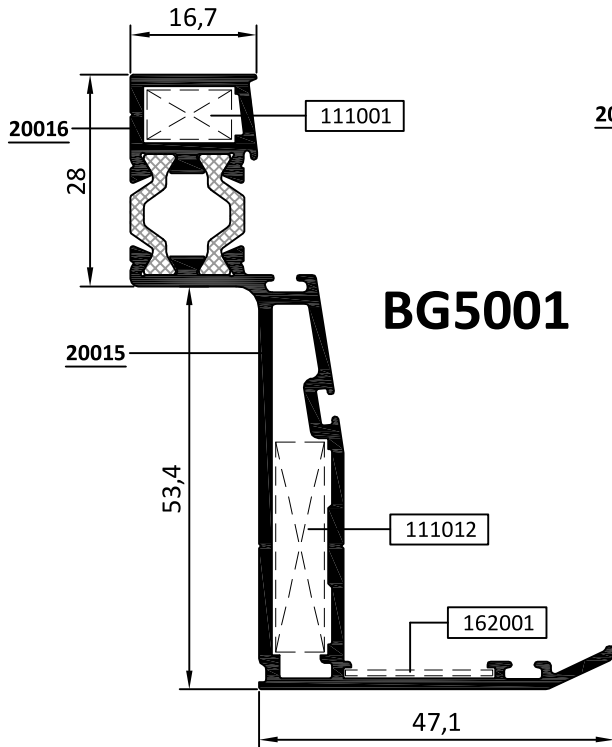
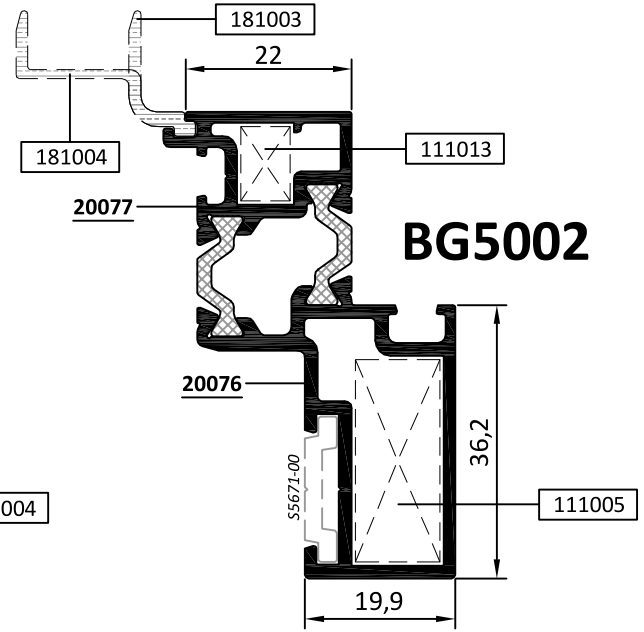
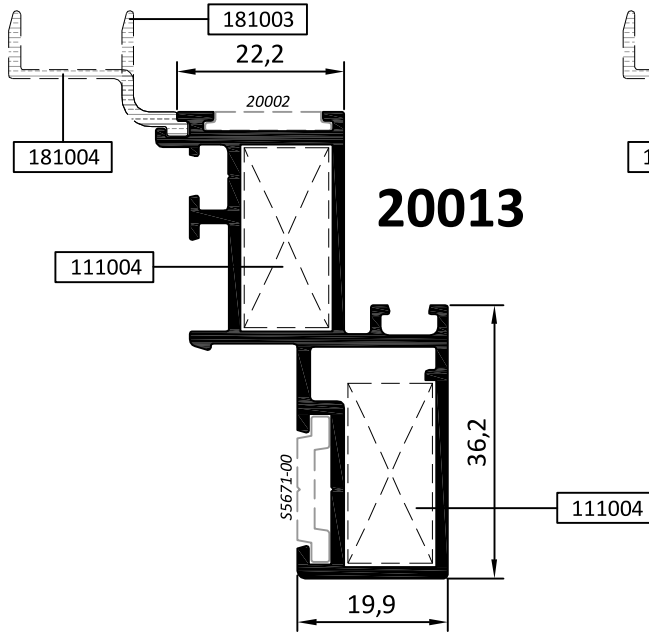
STATİK DEĞERLER / STATIC VALUES

PROFİL NUMARASI PROFILE NO.	DİLATASYON BAĞLANTISI DILATATION CONNECTION	YATAY KAYIT BAĞLANTISI TRANSOM CONNECTION	YATAY KAYIT CONTASI TRANSOM PLUG	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20067	171003	-	-	43,86	18,01	212,33	87,19	3,092
20073	-	-	-	2,62	1,23	6,71	2,34	0,797



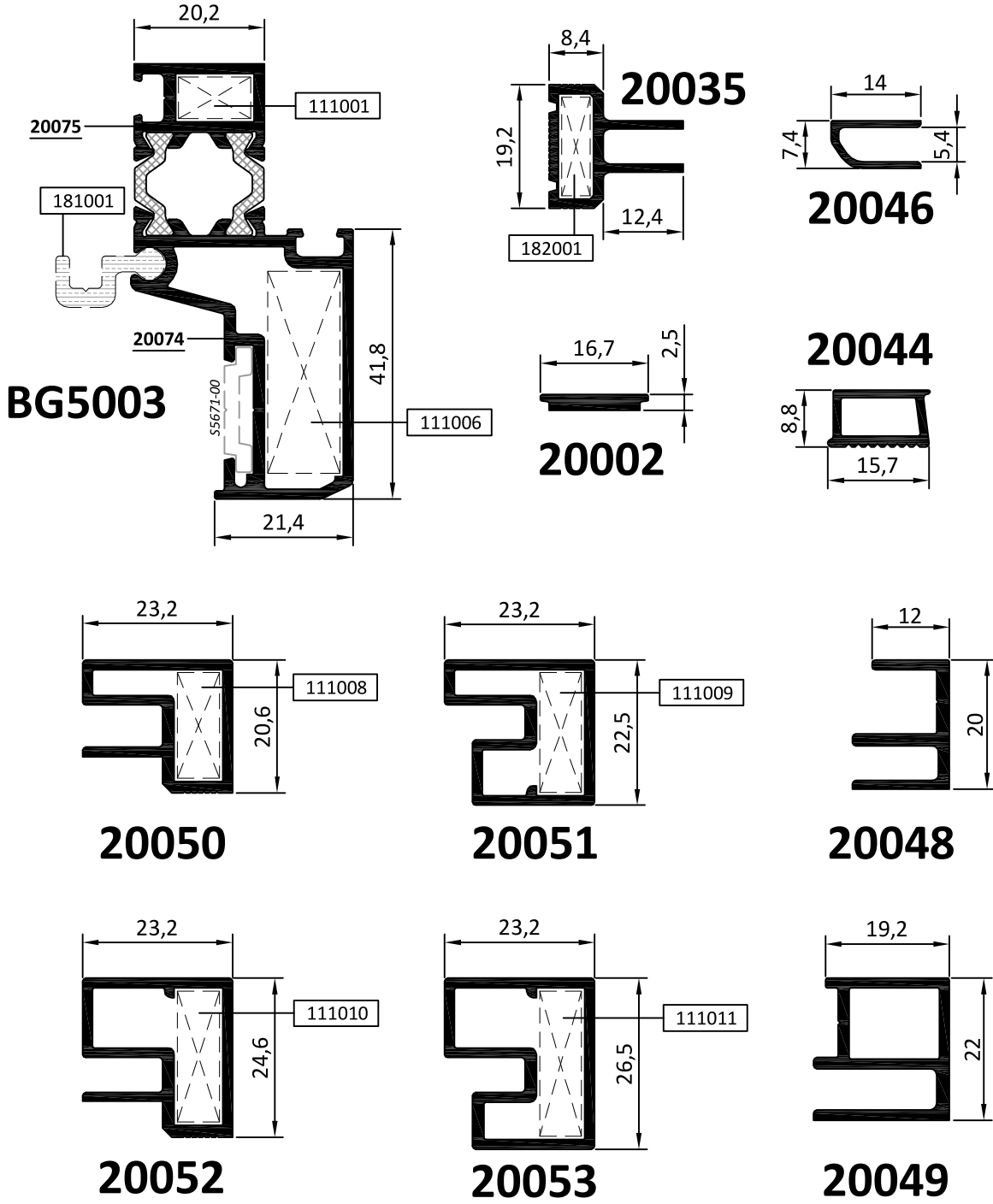
PROFİL NUMARASI PROFILE NO.	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20000	18,26	3,93	1,109
20005	2,09	0,23	0,431
20068	0,48	0,14	0,276

PROFİL NUMARASI PROFILE NO.	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20069	8,09	3,20	0,881
20070	5,98	1,02	0,593
20071	4,72	0,97	0,523



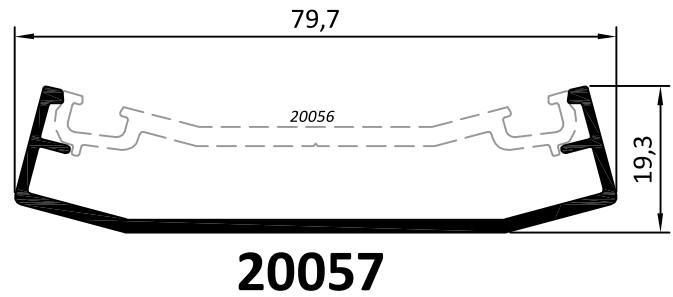
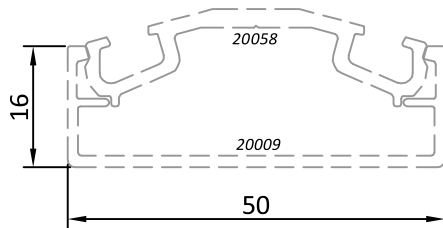
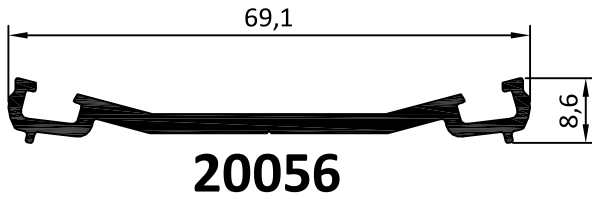
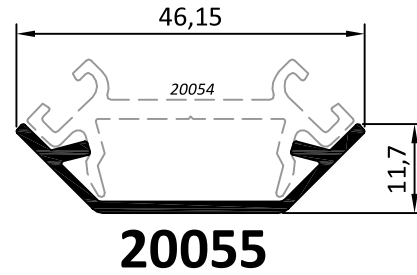
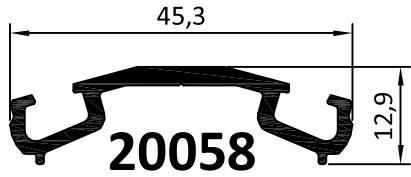
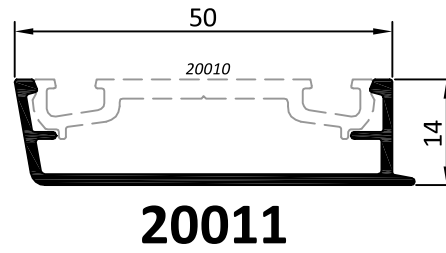
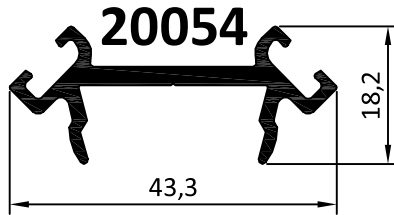
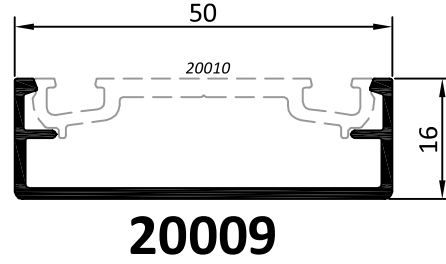
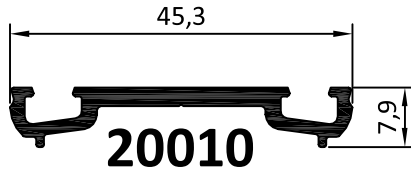
PROFİL NUMARASI PROFILE NO.	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20013	12,73	3,93	0,976
BG5001	36,68	9,51	1,254

PROFİL NUMARASI PROFILE NO.	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
BG5002	14,73	4,87	1,157
BG5004	31,21	9,28	1,159



PROFİL NUMARASI PROFILE NO.	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
BG5003	18,27	4,92	1,211
20002	-	-	0,102
20035	0,330	0,310	0,274
20044	0,100	0,310	0,152
20046	0,028	0,055	0,087
20048	0,413	0,186	0,255

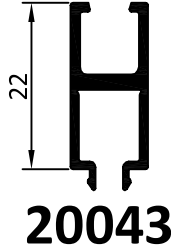
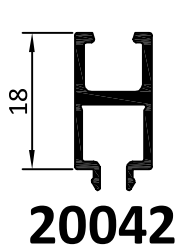
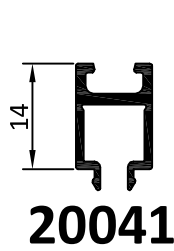
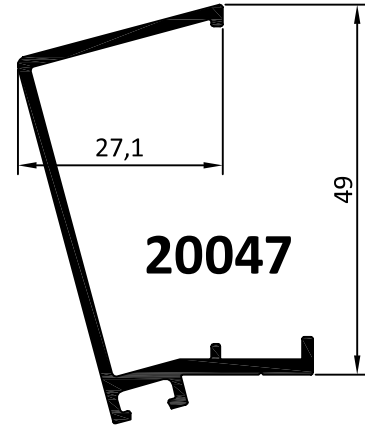
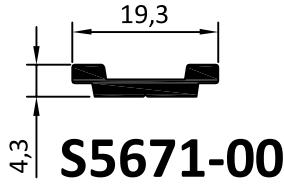
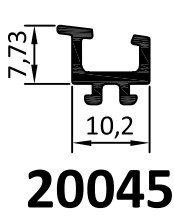
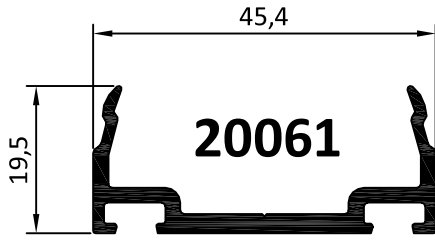
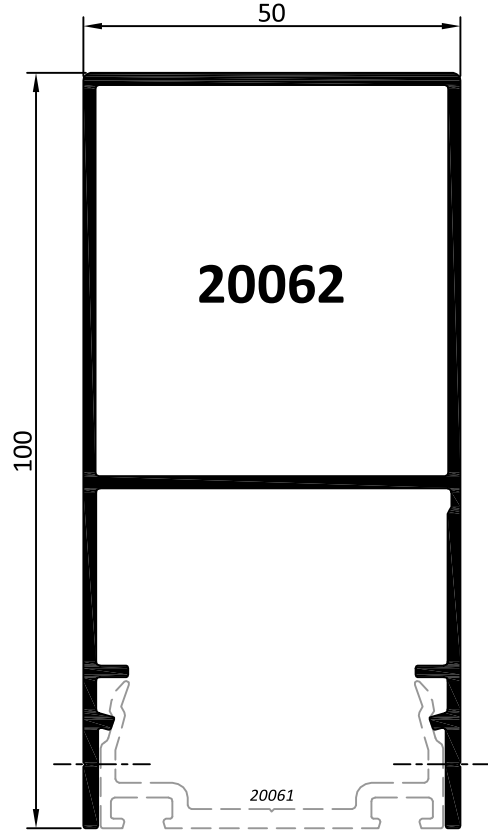
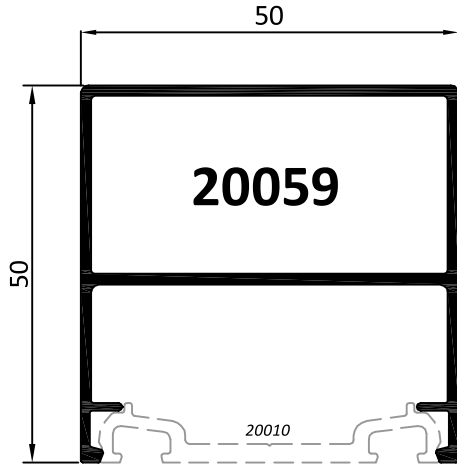
PROFİL NUMARASI PROFILE NO.	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
20049	0,814	0,646	0,388
20050	0,655	0,765	0,396
20051	0,940	0,800	0,423
20052	1,025	0,920	0,425
20053	1,387	0,969	0,461



PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20009	0,341
20010	0,349
20011	0,322

PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20054	0,439
20055	0,252
20056	0,511

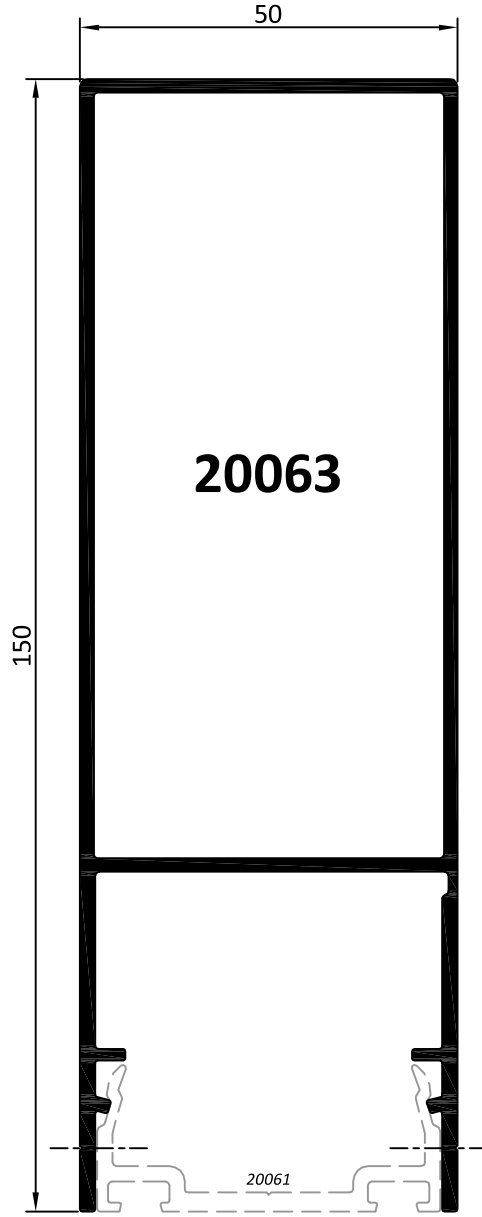
PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20057	0,509
20058	0,382



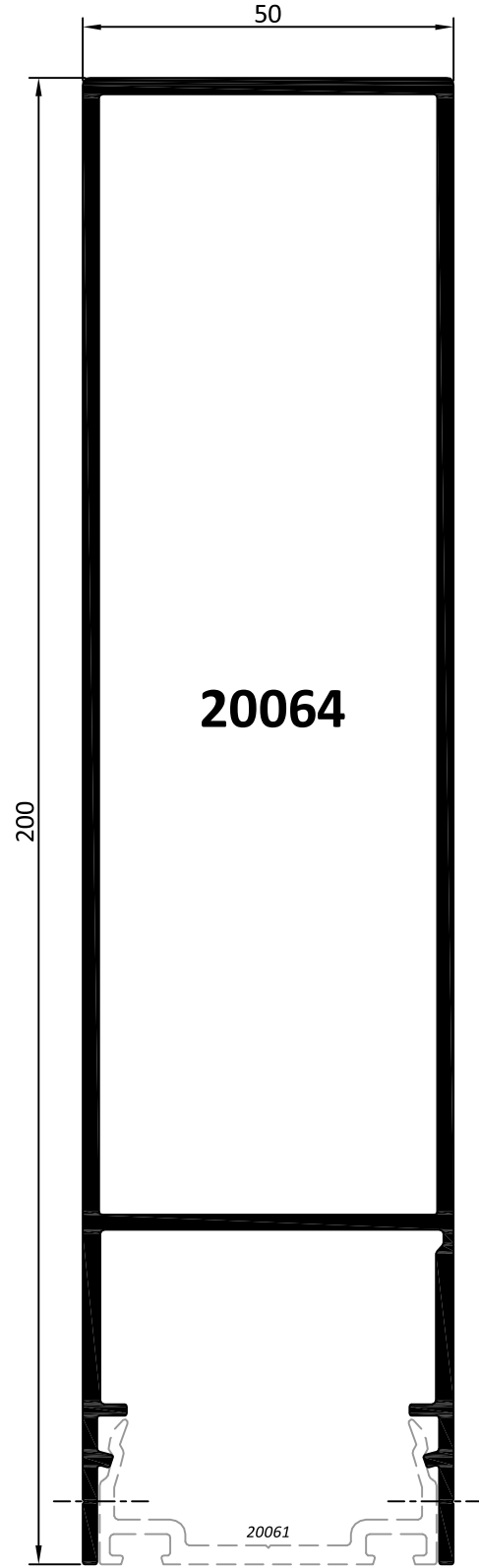
PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20041	0,146
20042	0,176
20043	0,211

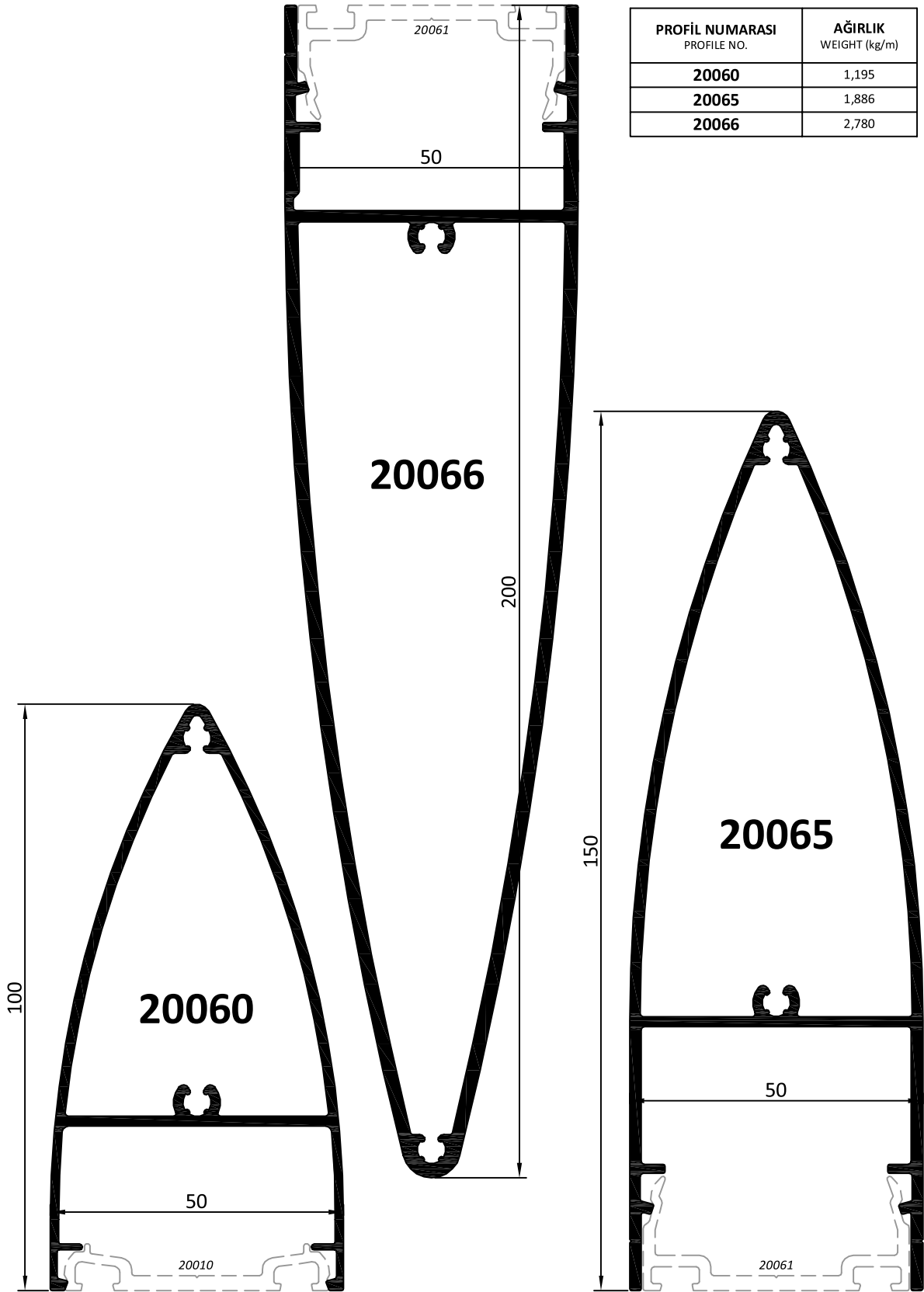
PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20045	0,114
20047	0,499
20059	0,770

PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20061	0,485
20062	1,371
S5671-00	0,137



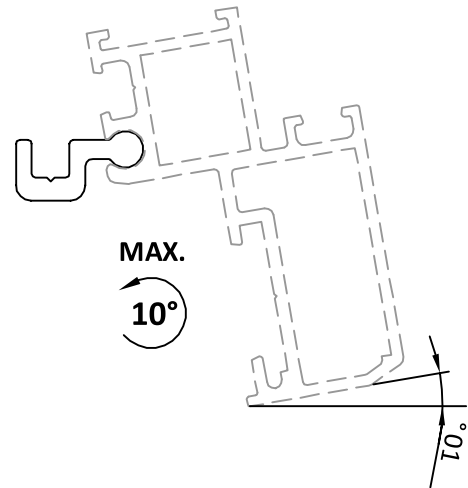
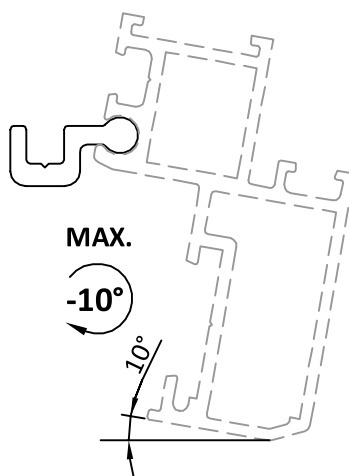
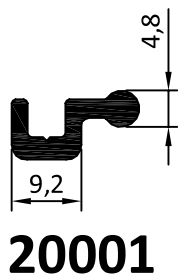
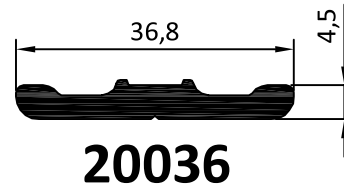
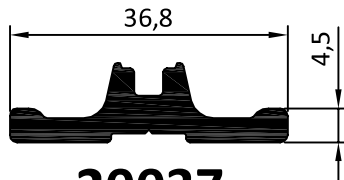
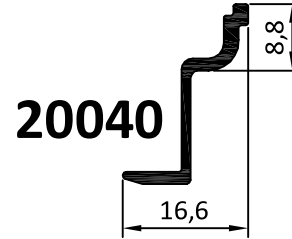
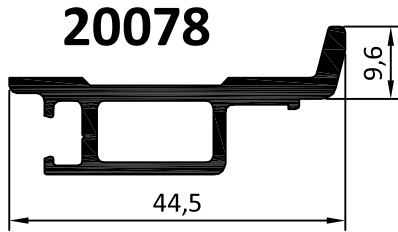
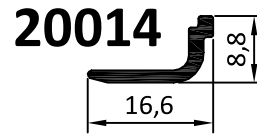
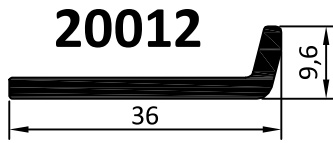
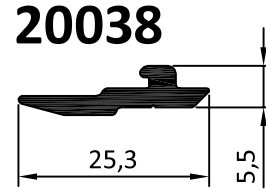
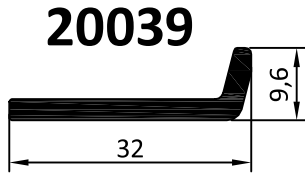
PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20063	2,008
20064	2,948





ALÜMİNYUM AKSESUAR PROFİLLERİ

PROFILES OF ALUMINIUM ACCESSORIES



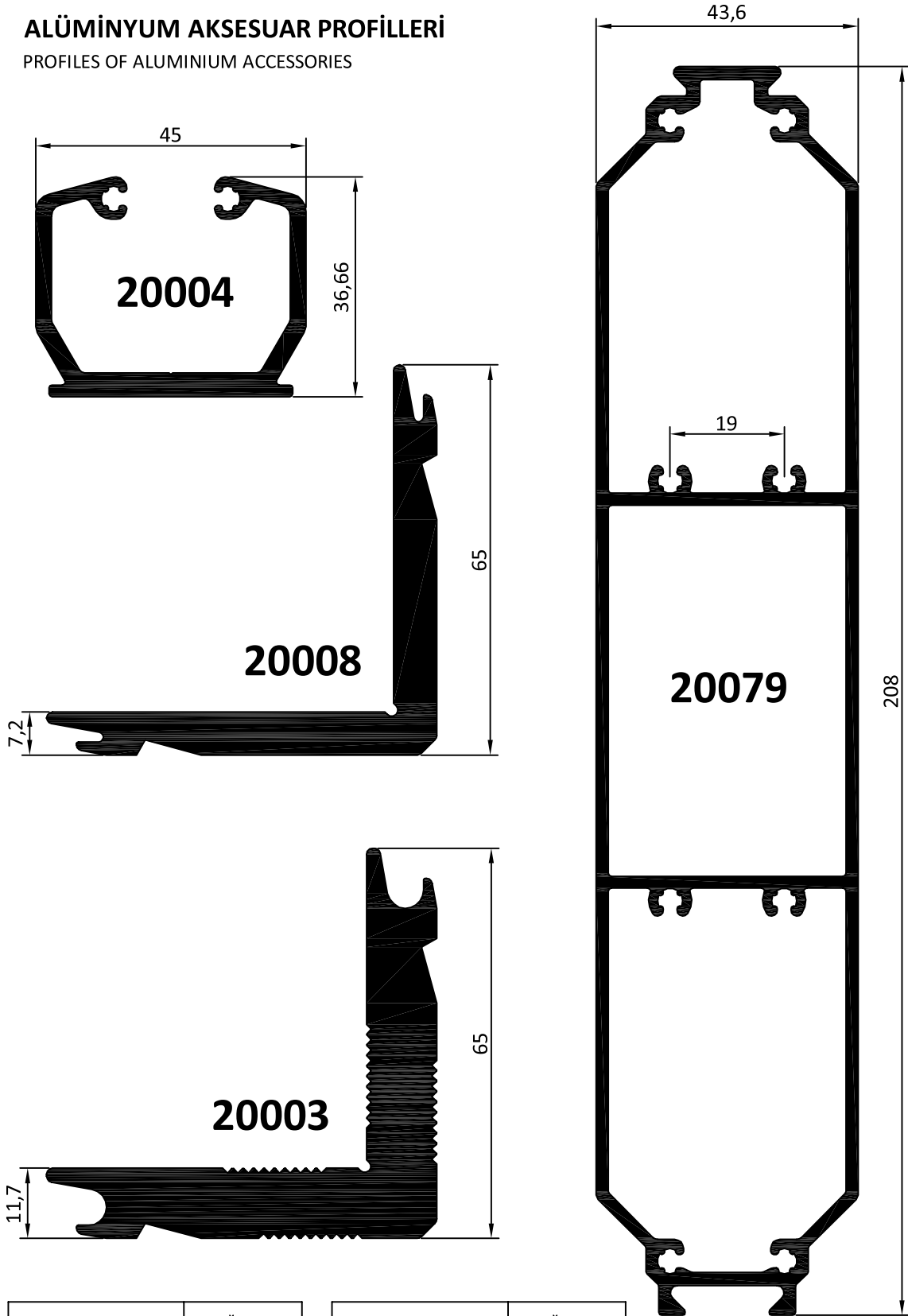
PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20001	0,196
20012	0,313
20014	0,100

PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20036	0,388
20037	0,479
20038	0,190

PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20039	0,283
20040	0,148
20078	0,544

ALÜMİNYUM AKSESUAR PROFİLLERİ

PROFILES OF ALUMINIUM ACCESSORIES



PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20003	3,190
20004	1,073

PROFİL NUMARASI PROFILE NO.	AĞIRLIK WEIGHT (kg/m)
20008	2,117
20079	3,365

DETAYLAR

DETAILS

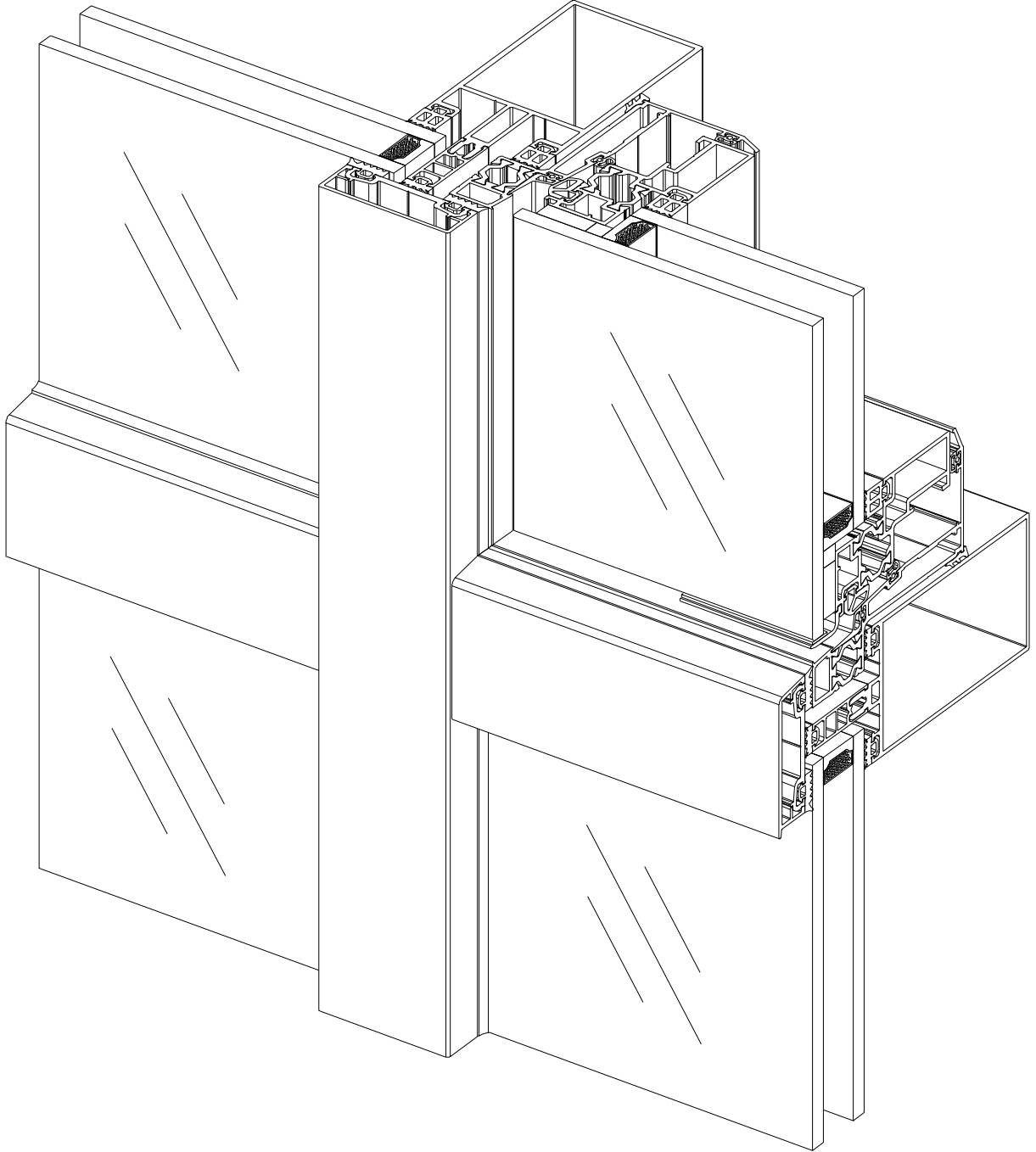
35

1. KAPAKLI CEPHE / CAPPED CURTAIN WALL
2. KASETLİ SİLİKON CEPHE / STRUCTURAL CELLS
3. SİLİKON DERZLİ CAM CEPHE / FOUR SIDE
4. YARI KAPAKLI CEPHE / TWO SIDE

TARAMA STİLLERİ / HATCH STYLES

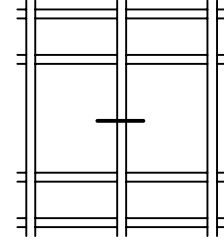
	EPDM FİTİL / EPDM GASKET		PVC PROFİL / PVC PROFILE
	STRÜKTÜREL SİLİKON / STRUCTURAL SILICONE		ÇELİK PROFİL / STEEL PROFILE
	MESAFE BELİRLEYİCİ / SPACE ADJUSTER		SU YALITIM MEMBRANI / WATERPROOFING MEMBRANE
	ALÜMİNYUM PROFİL / ALUMINIUM PROFILE		POLİETİLEN CONTA / POLYETHYLENE GASKET
	PROFİL PARÇA (Al)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

1. KAPAKLI CEPHE CAPPED CURTAIN WALL

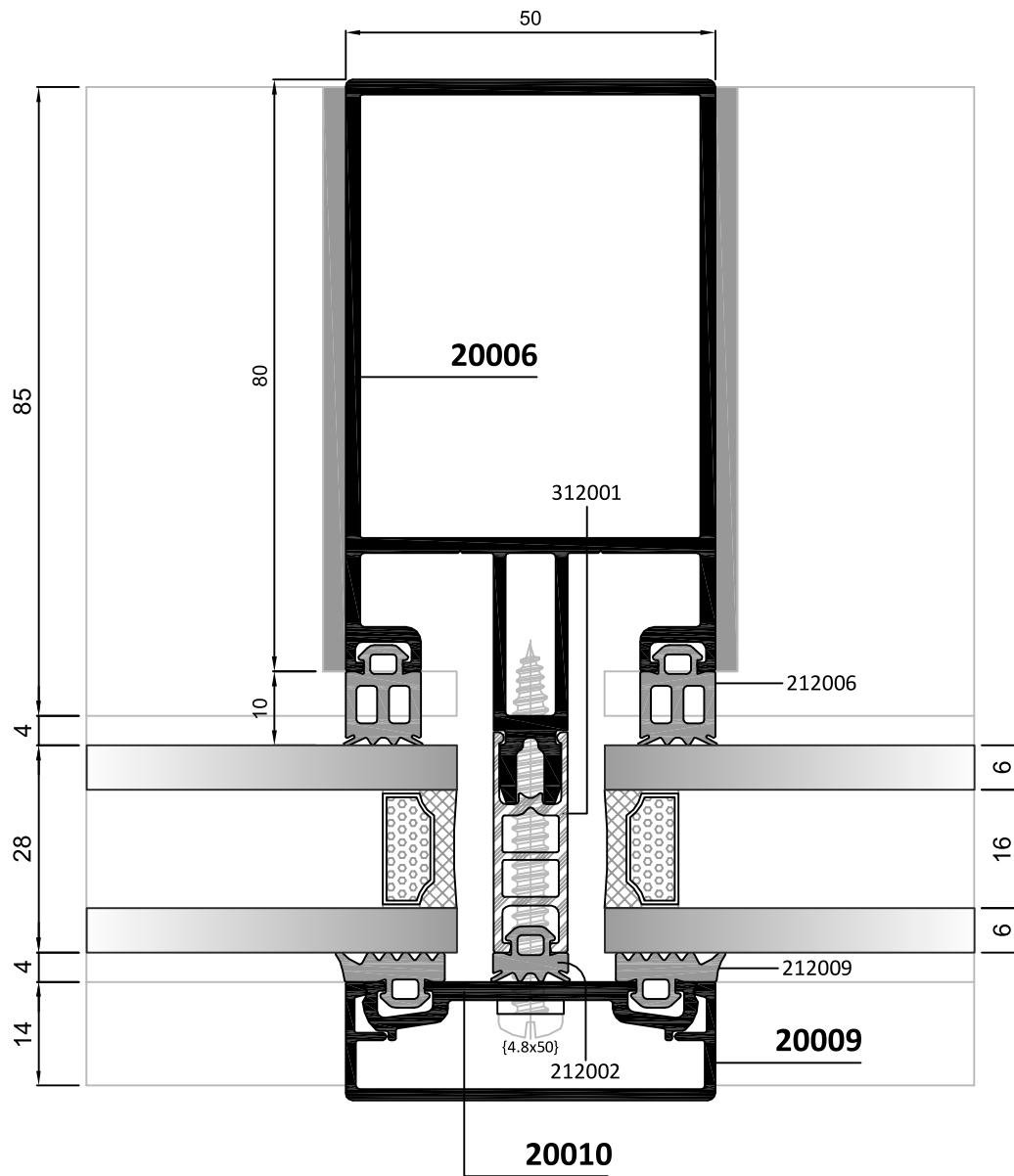


36

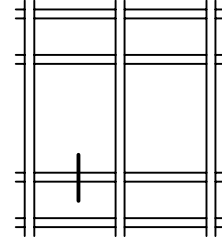
KAPAKLI CEPHE DÜŞEY DETAYI CURTAIN WALL VERTICAL DETAIL



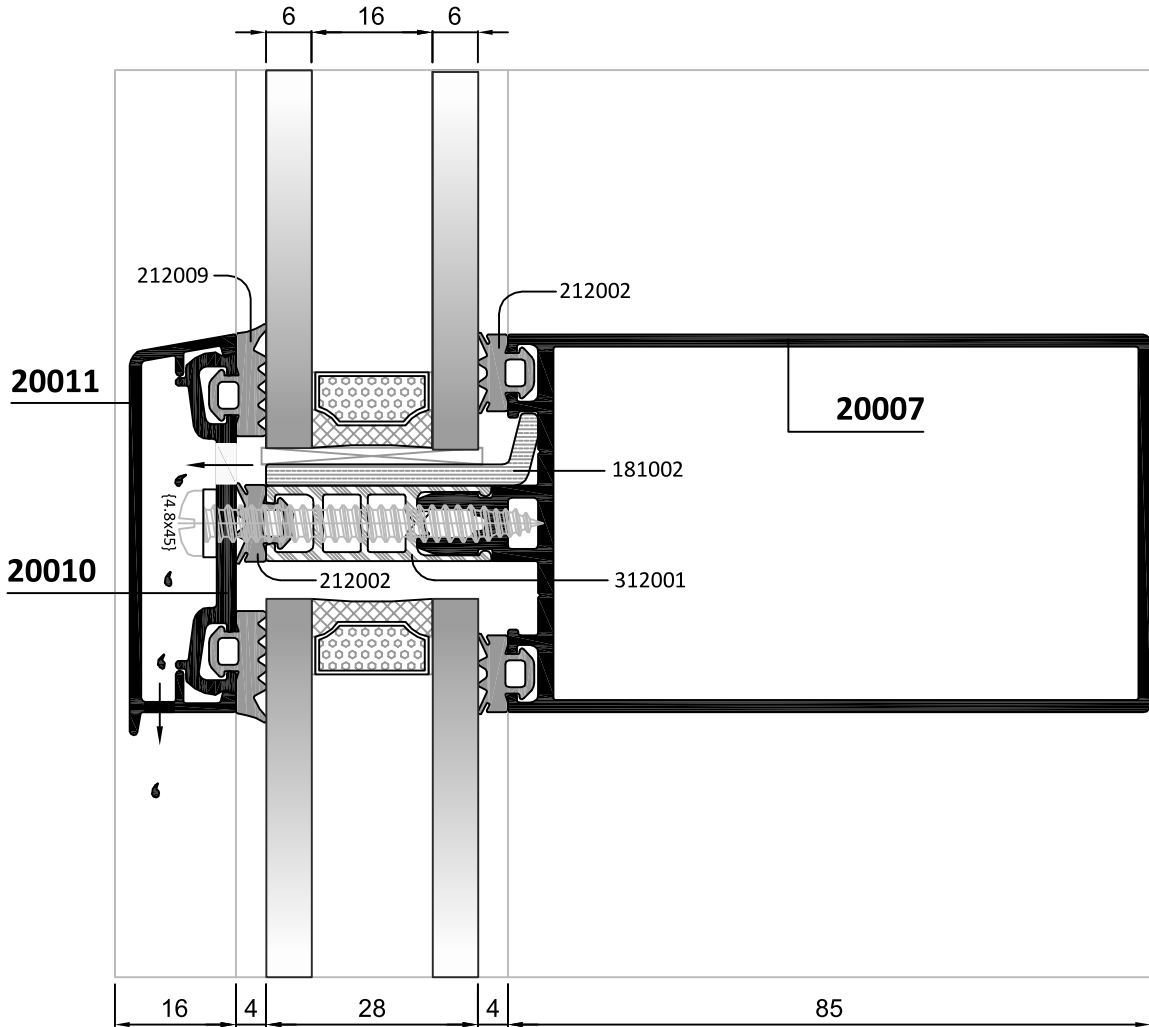
Termal Değer / Thermal Value
Uf: 1,88 W/m²K



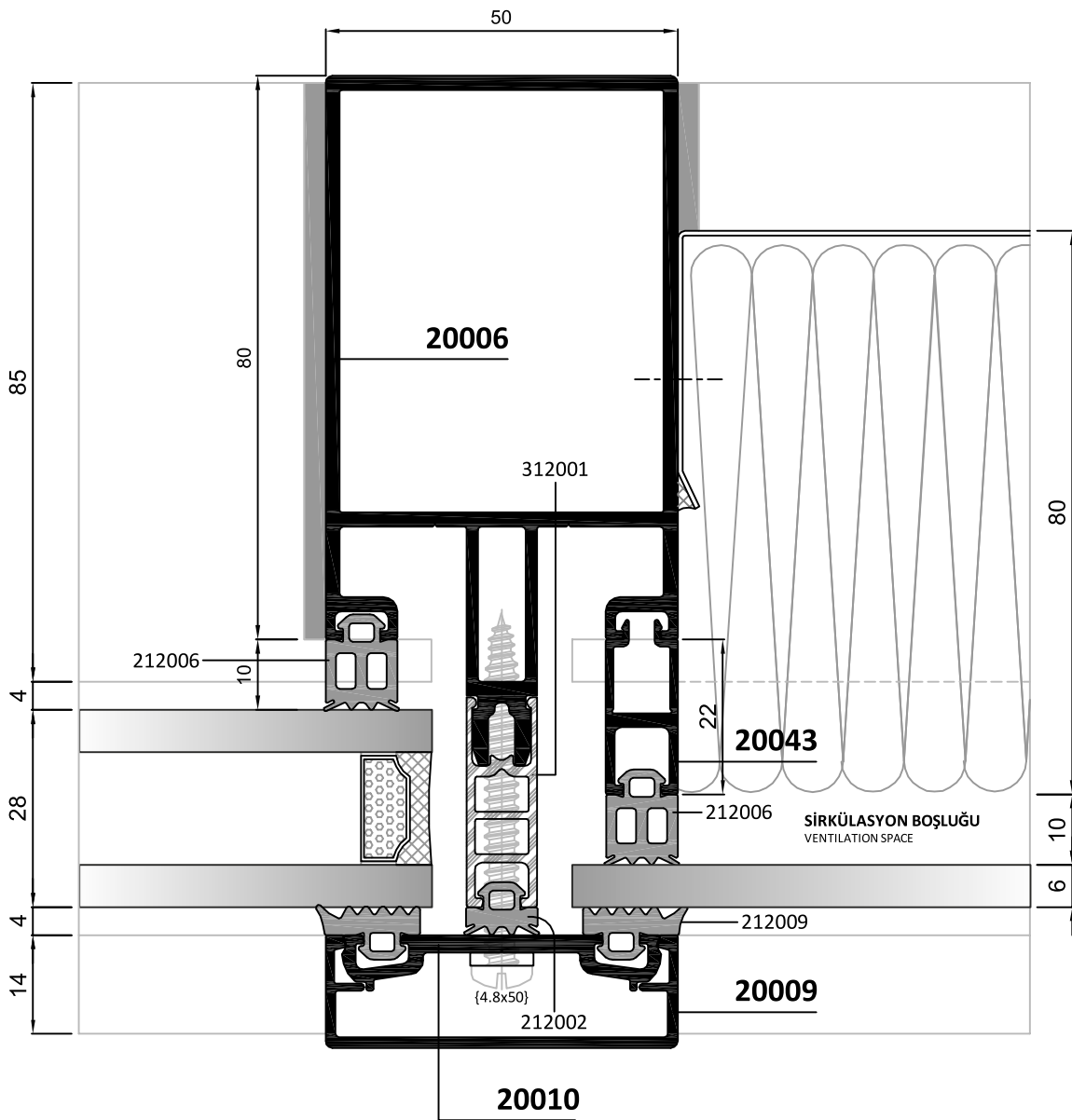
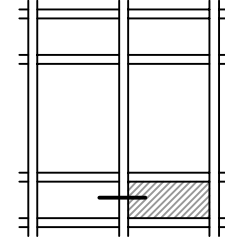
KAPAKLI CEPHE YATAY DETAYI CURTAIN WALL HORIZONTAL DETAIL



Termal Değer / Thermal Value
U_f: 1,92 W/m²K

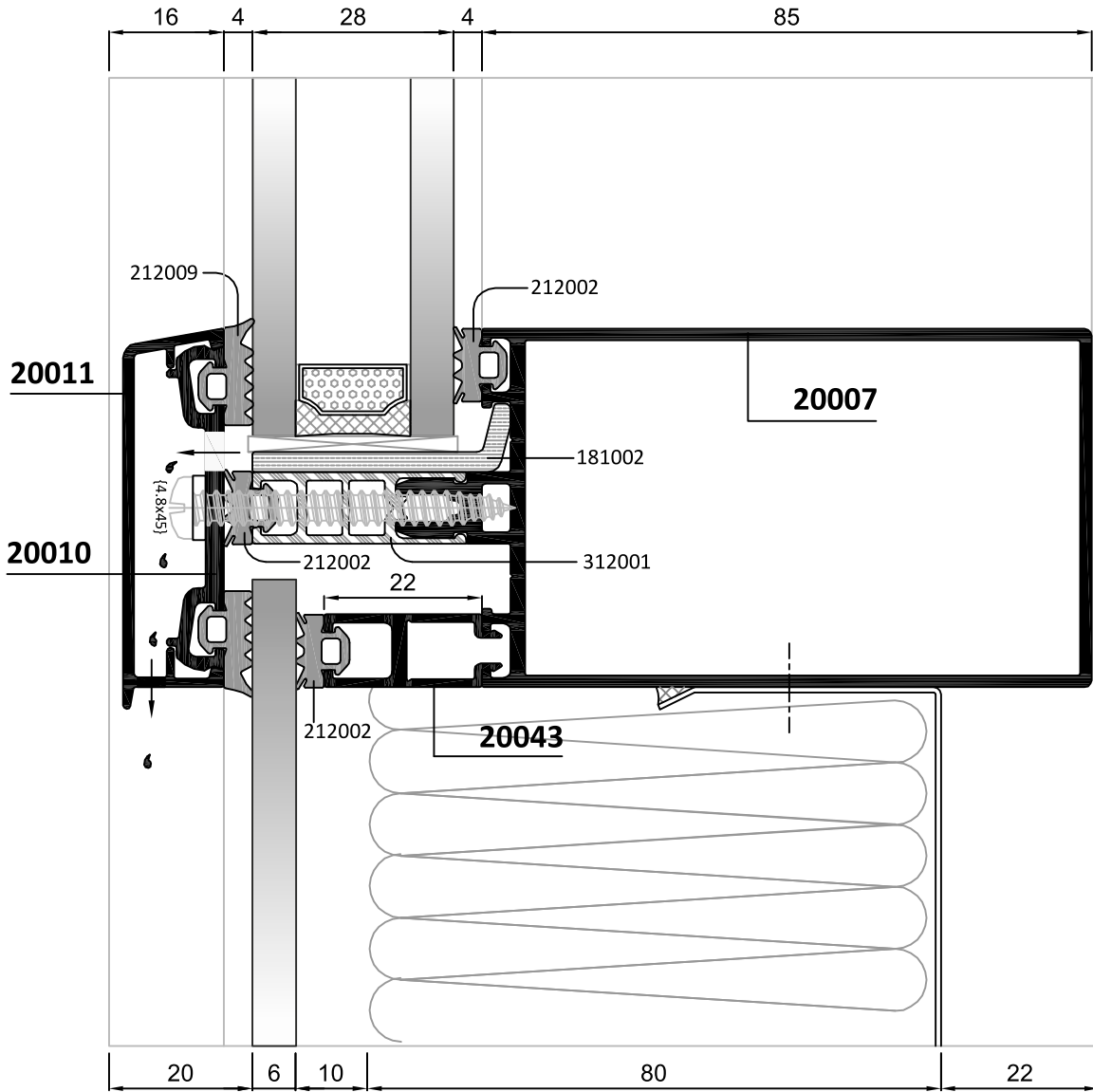
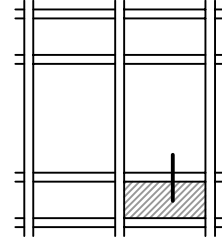


KAPAKLI CEPHEDE SPANDREL BÖLGE DÜŞEY DETAYI SPANDREL PANEL IN CAPPED CURTAIN WALL VERTICAL DETAIL

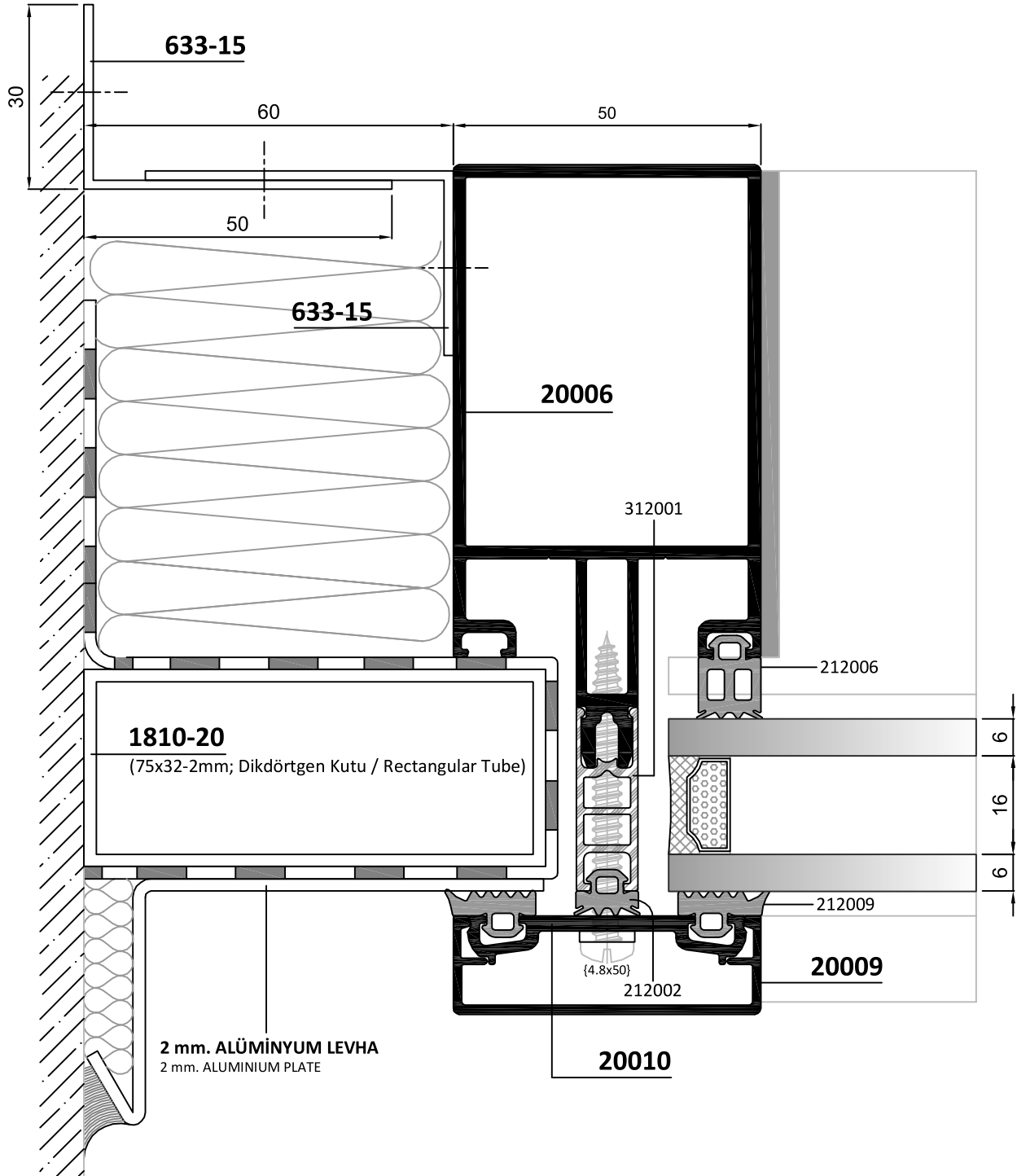
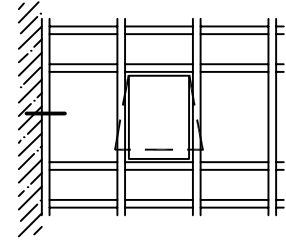


KAPAKLI CEPHEDE SPANDREL BÖLGE YATAY DETAYI

SPANDREL PANEL IN CAPPED CURTAIN WALL HORIZONTAL DETAIL

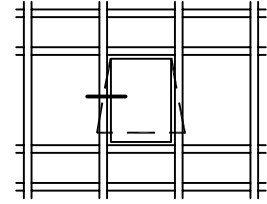


KAPAKLI CEPHEDE DUVAR BİTİŞ DETAYI WALL JOINT DETAIL IN CAPPED CURTAIN WALL

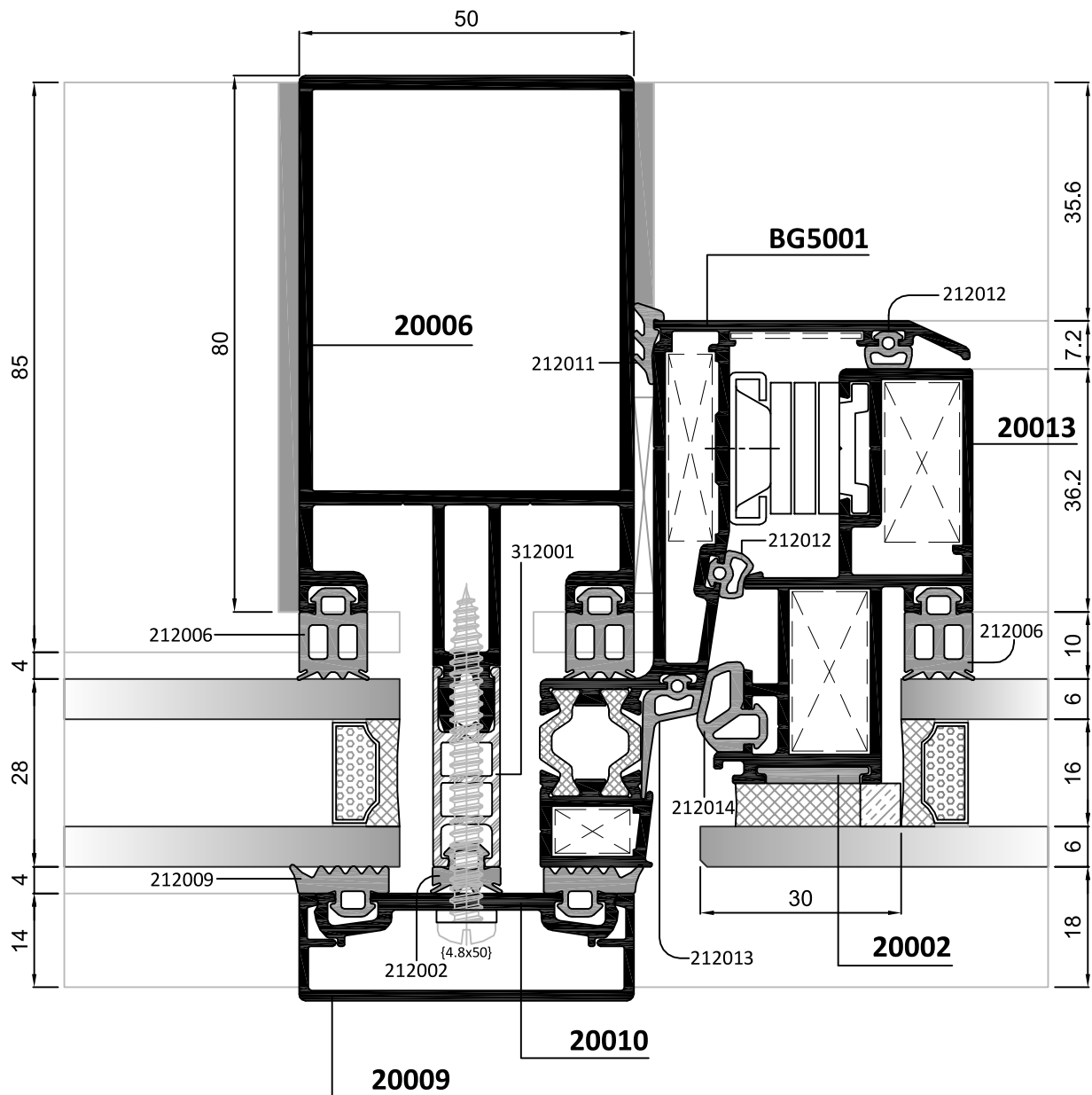


KAPAKLI CEPHEDE DIŞA AÇILIR KANAT DETAYI

TOP HUNG OUTWARD OPENING DETAIL IN THE CURTAIN WALL



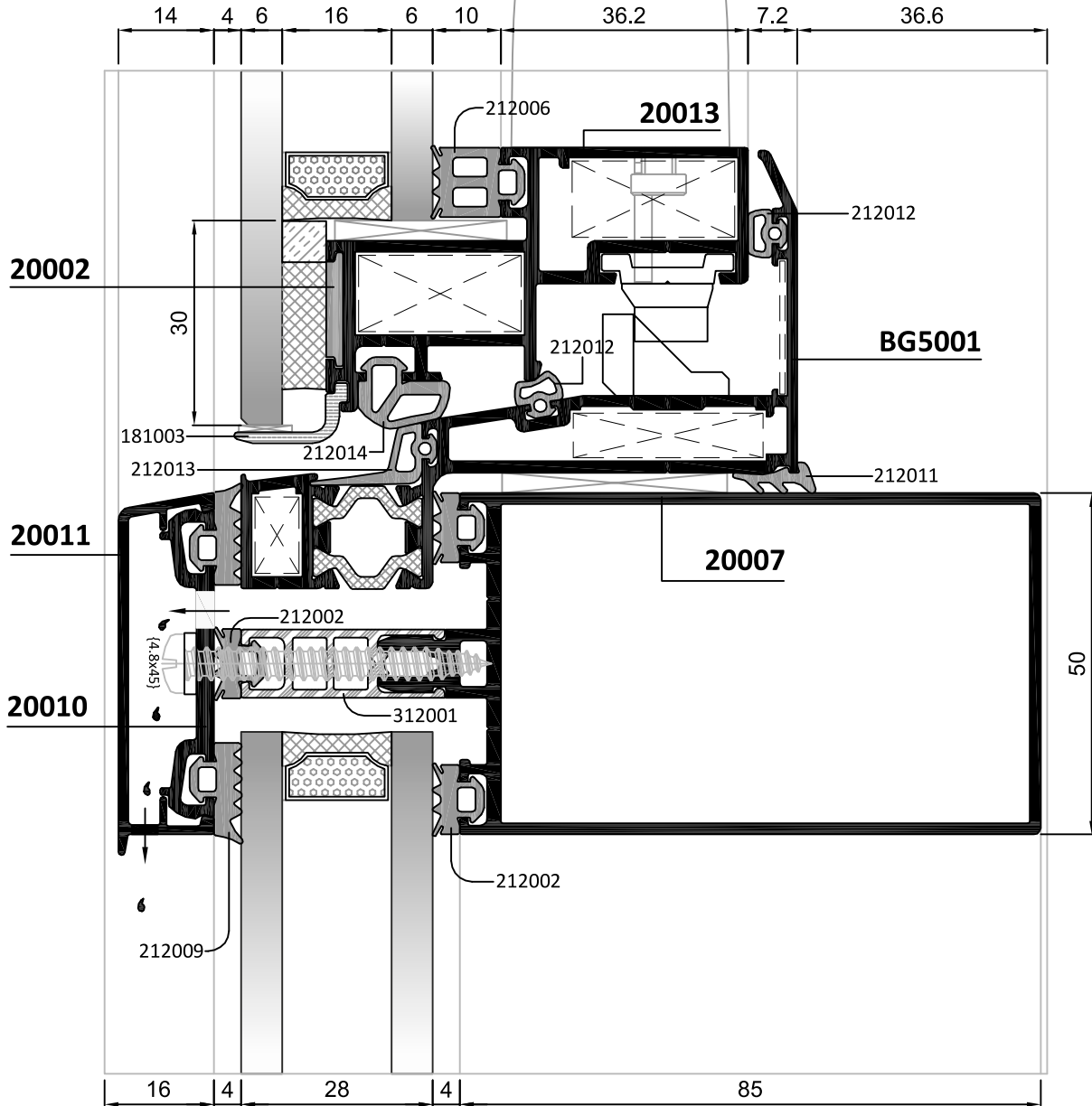
ALTERNATİF 1: YARI ISI YALITIMLI KANAT DETAYI
ALTERNATIVE 1: SEMI INSULATED VENT DETAIL

Termal Değer / Thermal Value
$$\underline{U_f: 3,44 \text{ W/m}^2\text{K}}$$


KAPAKLI CEPHEDE DIŐA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN THE CURTAIN WALL

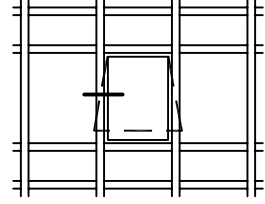
ALTERNATİF 1: YARI ISI YALITIMLI KANAT DETAYI ALTERNATIVE 1: SEMI INSULATED VENT DETAIL

Termal Değer / Thermal Value
Uf: 3,48 W/m²K



KAPAKLI CEPHEDE DIŐA AÇILIR KANAT DETAYI

TOP HUNG OUTWARD OPENING DETAIL IN THE CURTAIN WALL

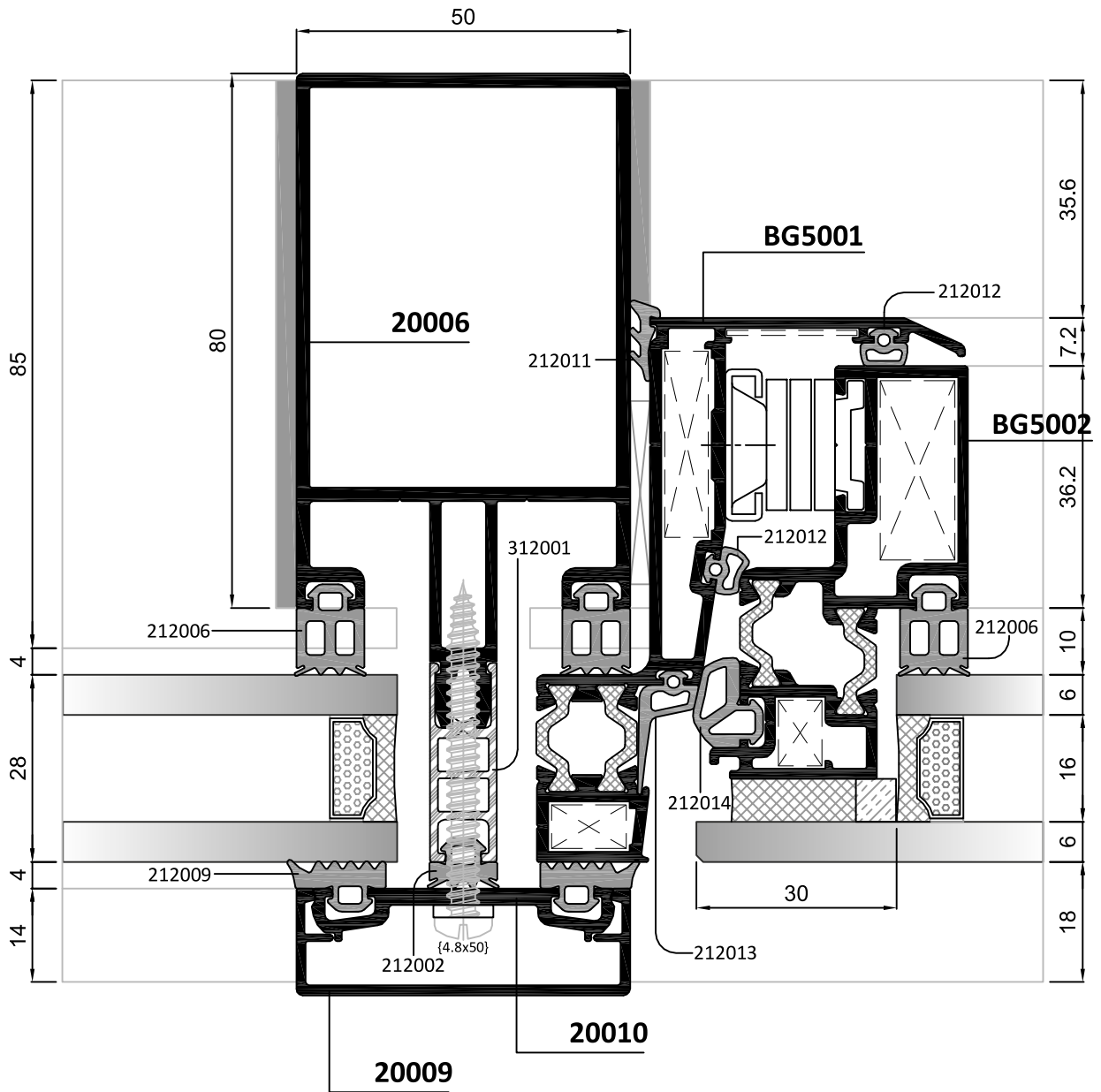


ALTERNATİF 2: YÜKSEK ISI YALITIMLI KANAT DETAYI

ALTERNATIVE 2: HIGH INSULATED VENT DETAIL

Termal Değer / Thermal Value

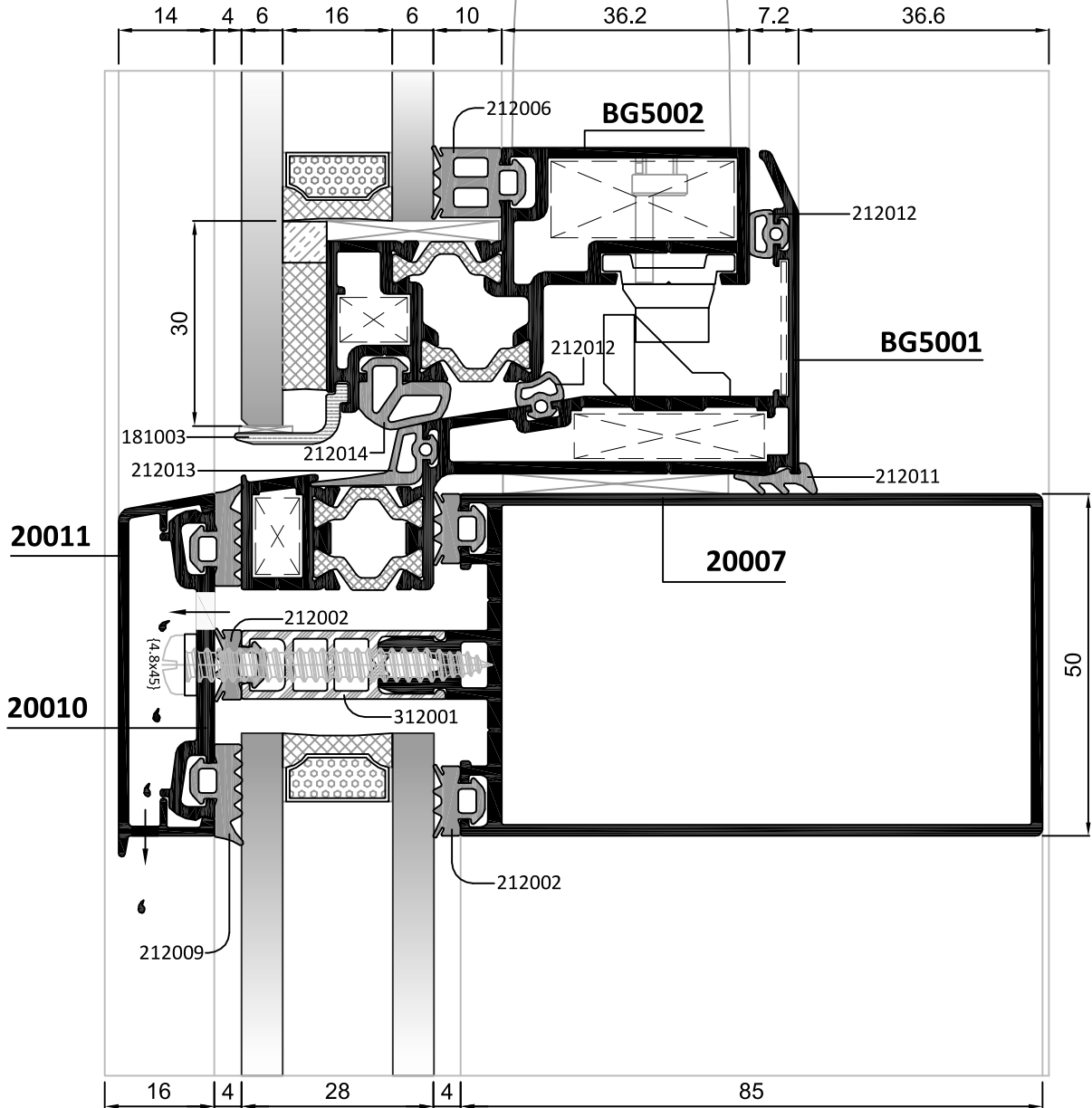
$U_f: 2,91 \text{ W/m}^2\text{K}$



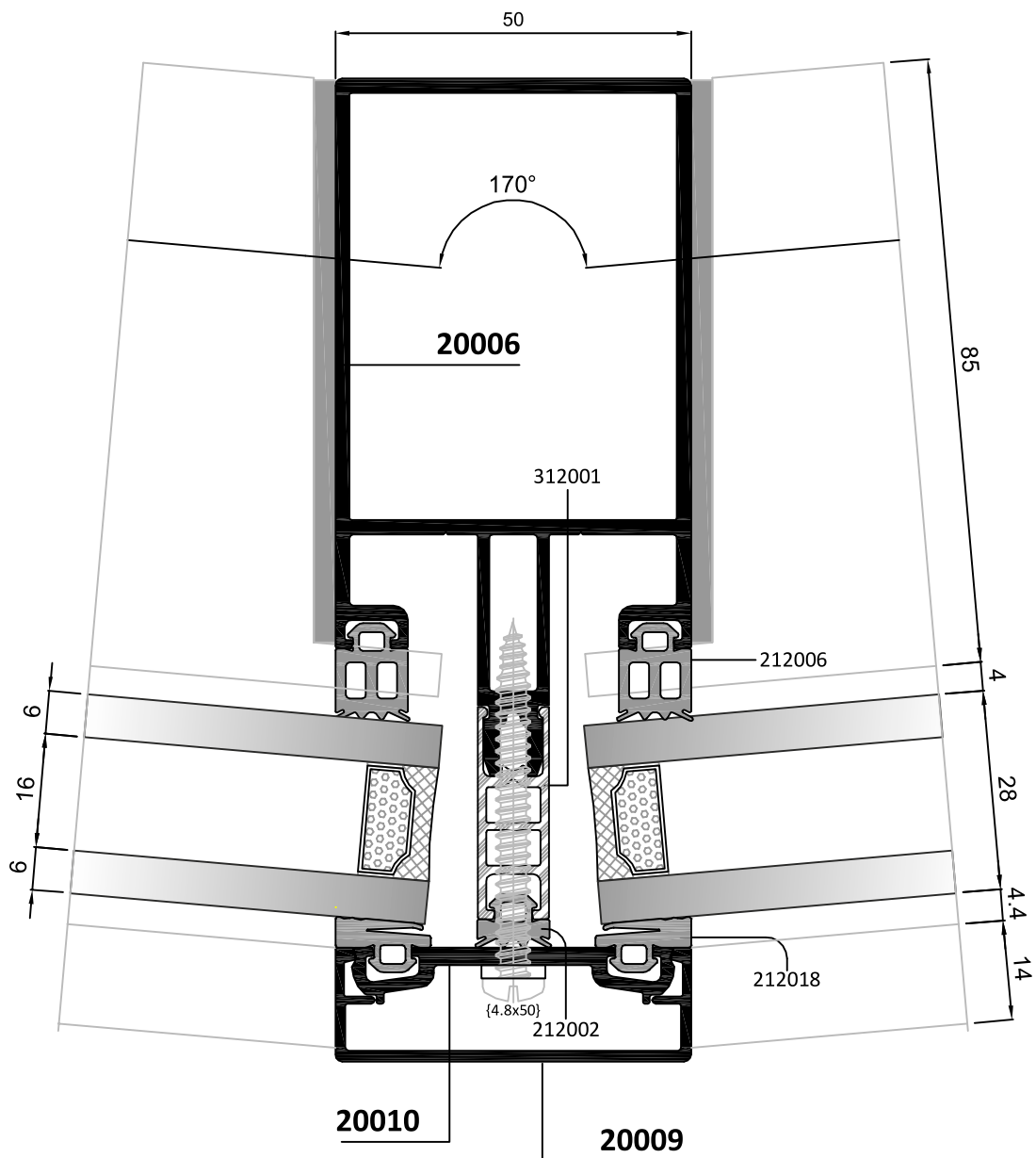
KAPAKLI CEPHEDE DIŐA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN THE CURTAIN WALL

ALTERNATİF 2: YÜKSEK ISI YALITIMLI KANAT DETAYI ALTERNATIVE 2: HIGH INSULATED VENT DETAIL

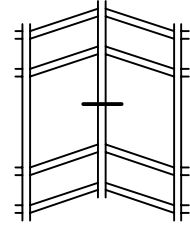
Termal Değer / Thermal Value
Uf: 2,95 W/m²K



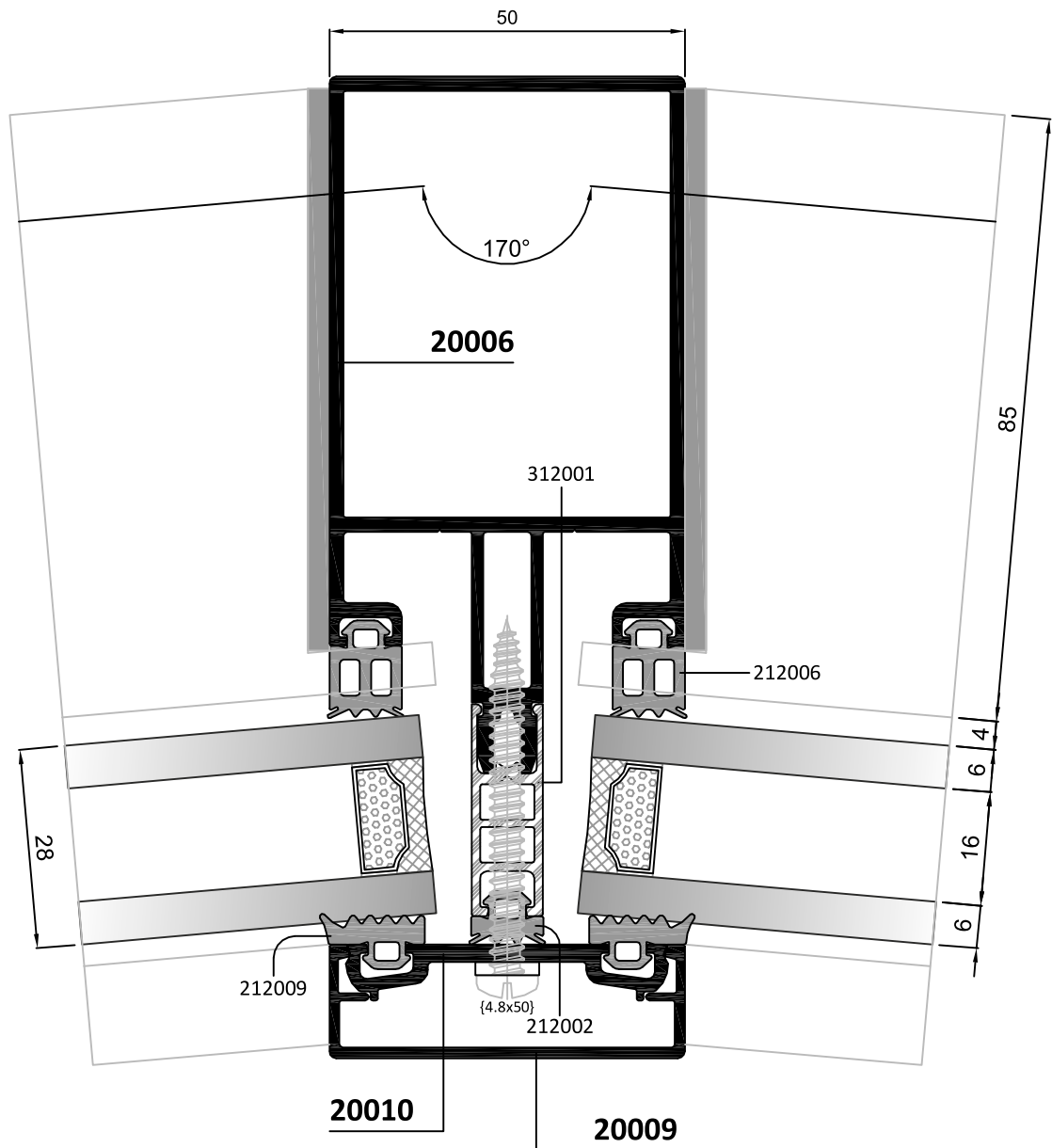
46



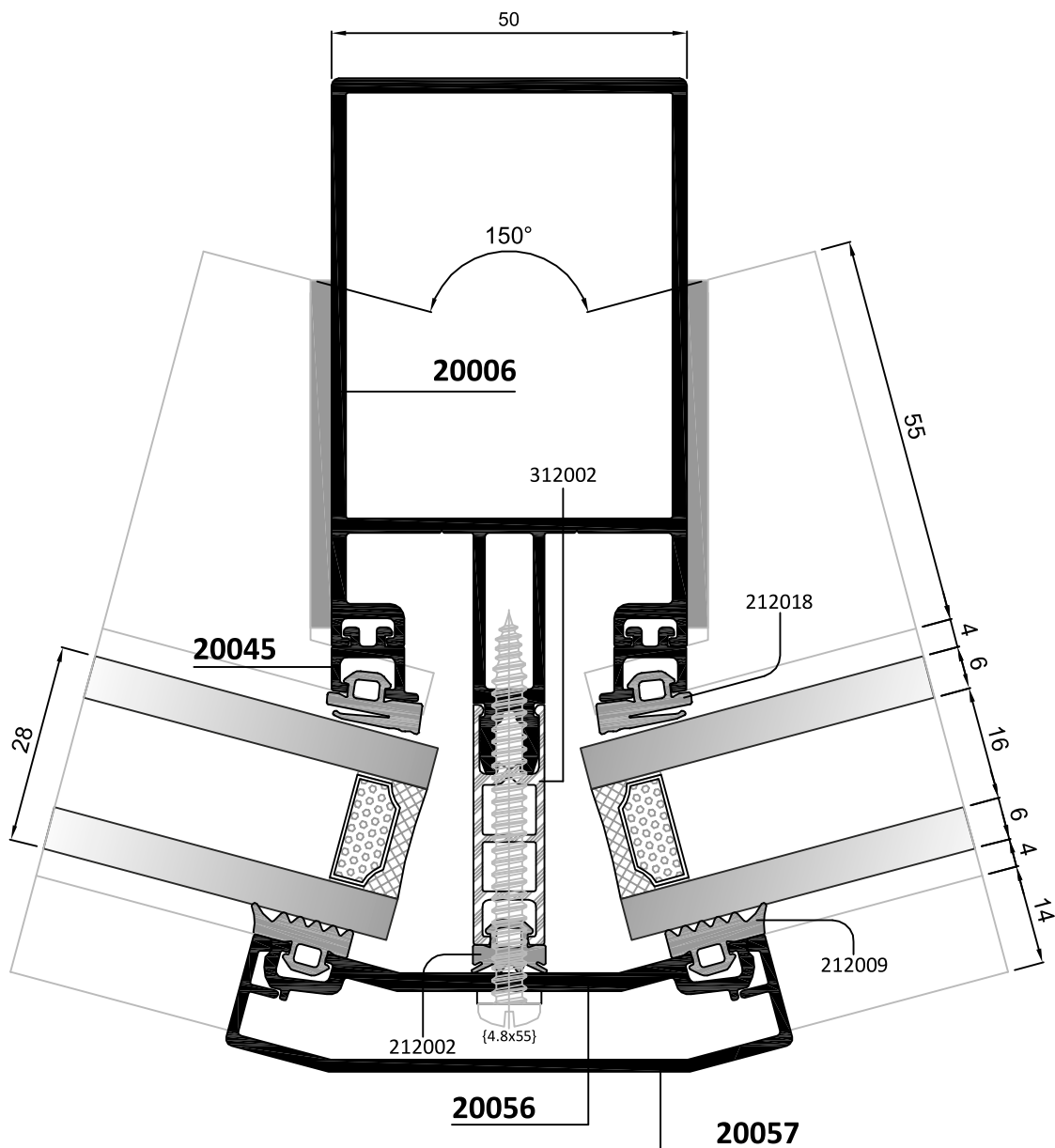
10° İÇ AÇILI KAPAKLI CEPHE DÜŞEY KESİT DETAYI CAPPED CURTAIN WALL WITH 10° INTERNAL ANGLE VERTICAL DETAIL



0 - 10°

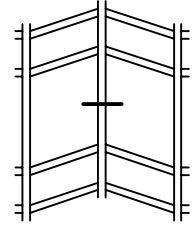


48

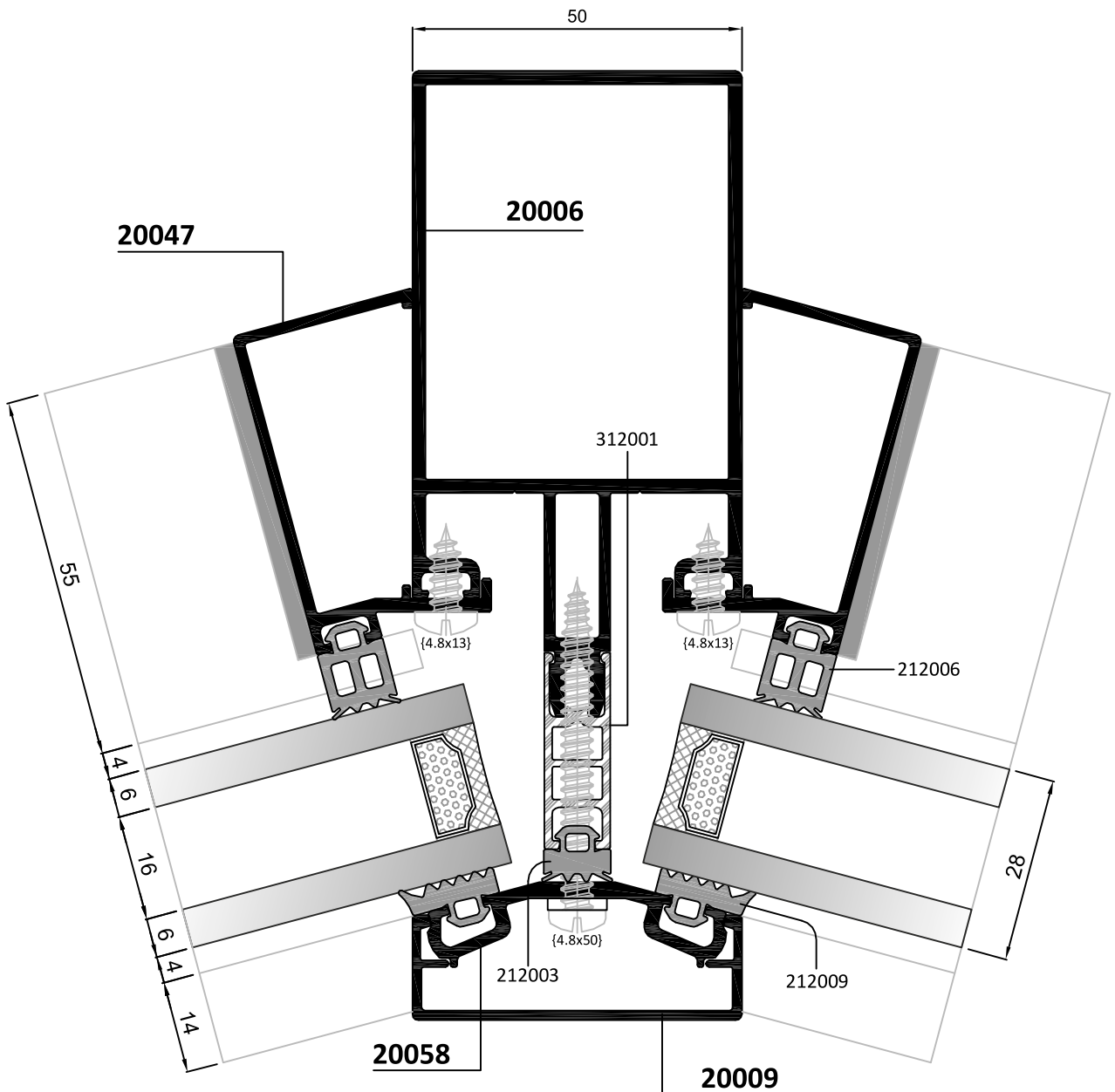


30° İÇ AÇILI KAPAKLI CEPHE DÜŞEY KESİT DETAYI

CAPPED CURTAIN WALL WITH 30° INTERNAL ANGLE VERTICAL DETAIL

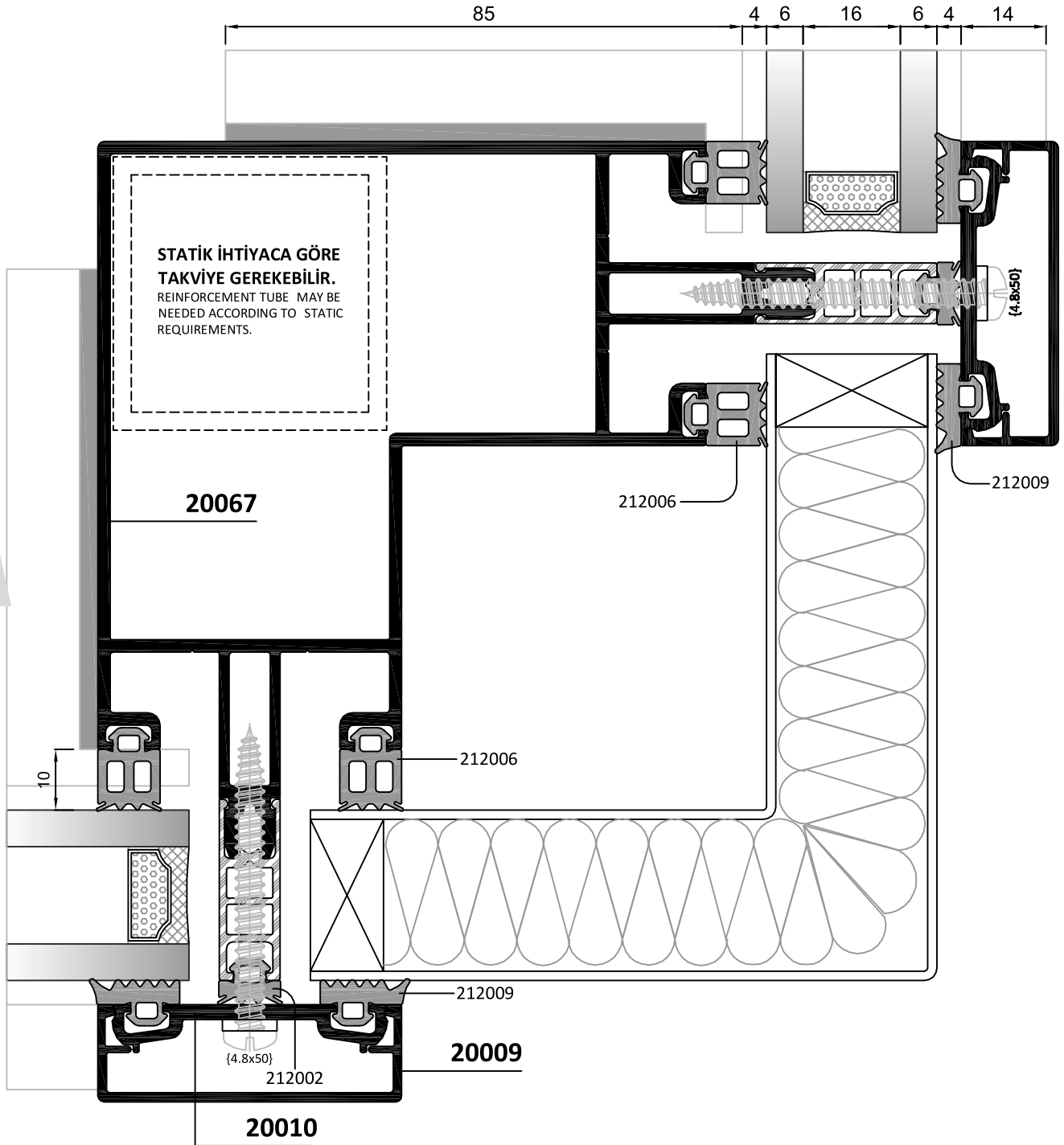
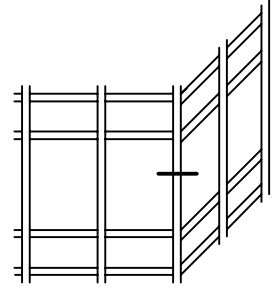


10 - 30°

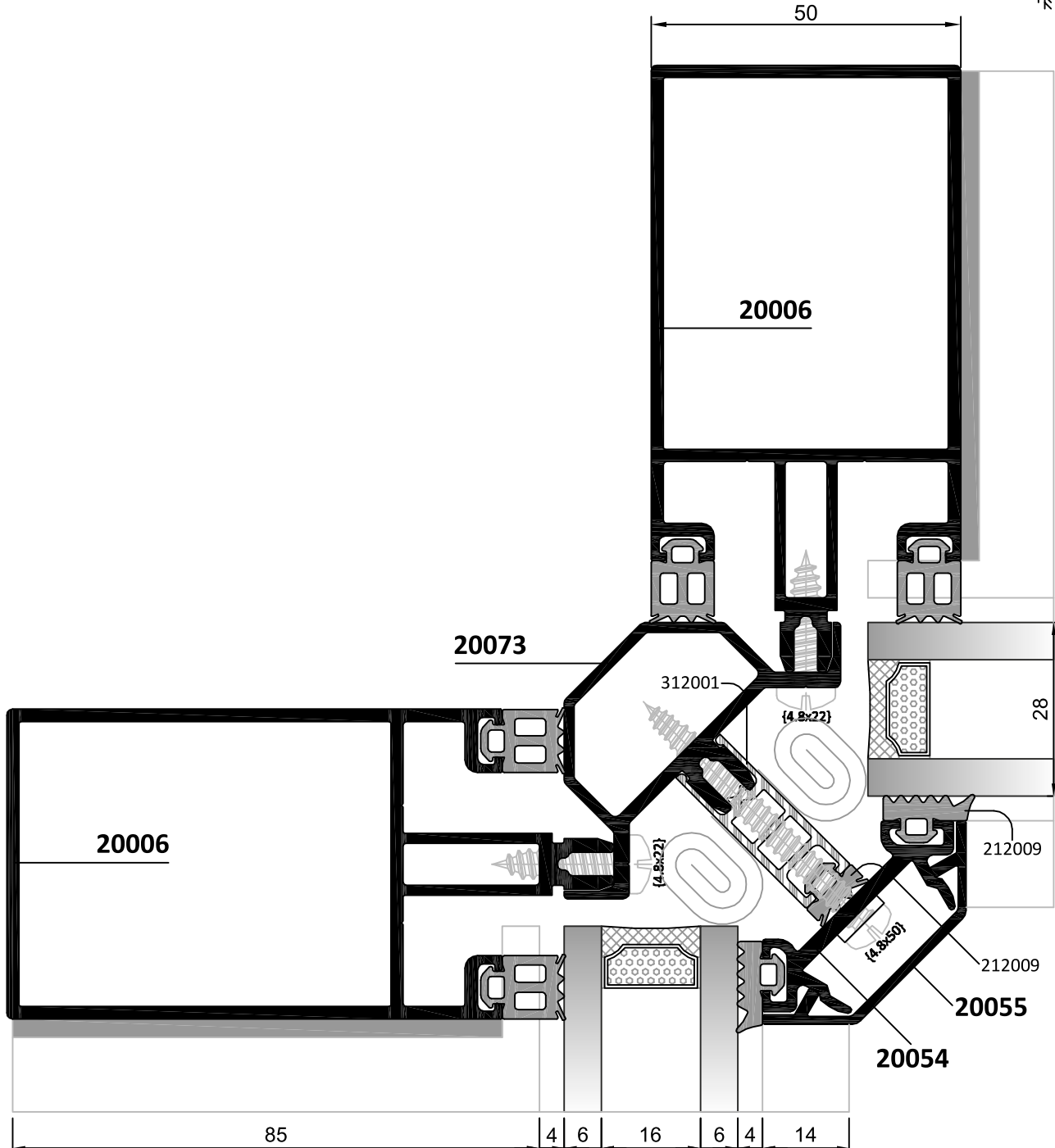
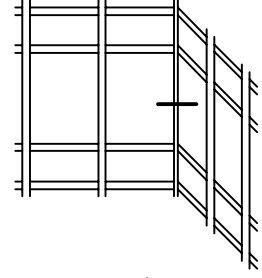


90° DIŞ AÇILI KAPAKLI CEPHE DÜŞEY KESİT DETAYI

CAPPED CURTAIN WALL WITH 90° EXTERNAL ANGLE VERTICAL DETAIL

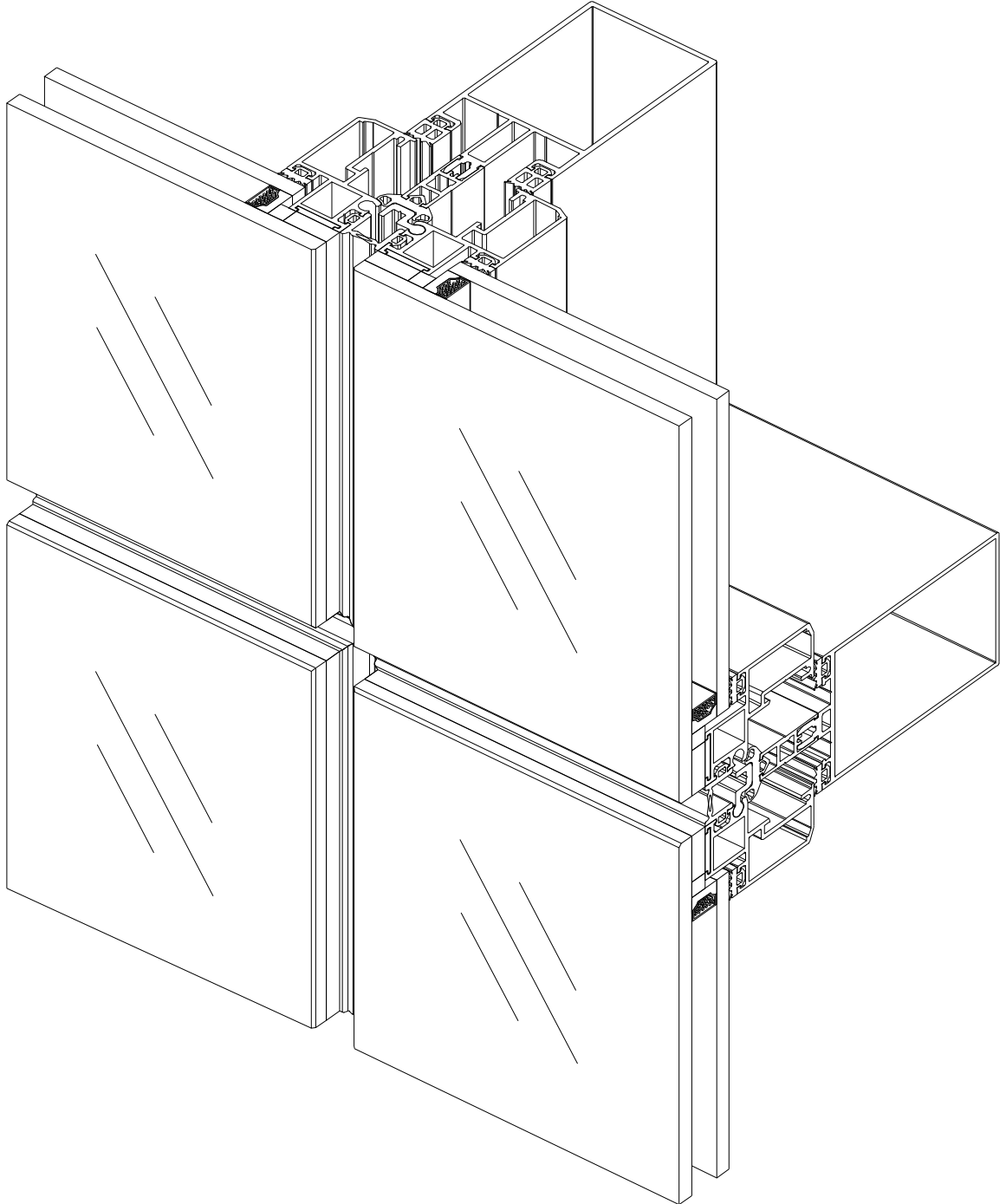


90° İÇ AÇILI KAPAKLI CEPHE DÜŞEY KESİT DETAYI CAPPED CURTAIN WALL WITH 90° INTERNAL ANGLE VERTICAL DETAIL

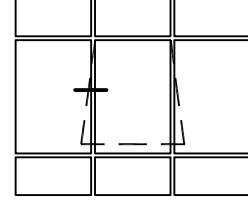


2. KASETLİ SİLİKON CEPHE

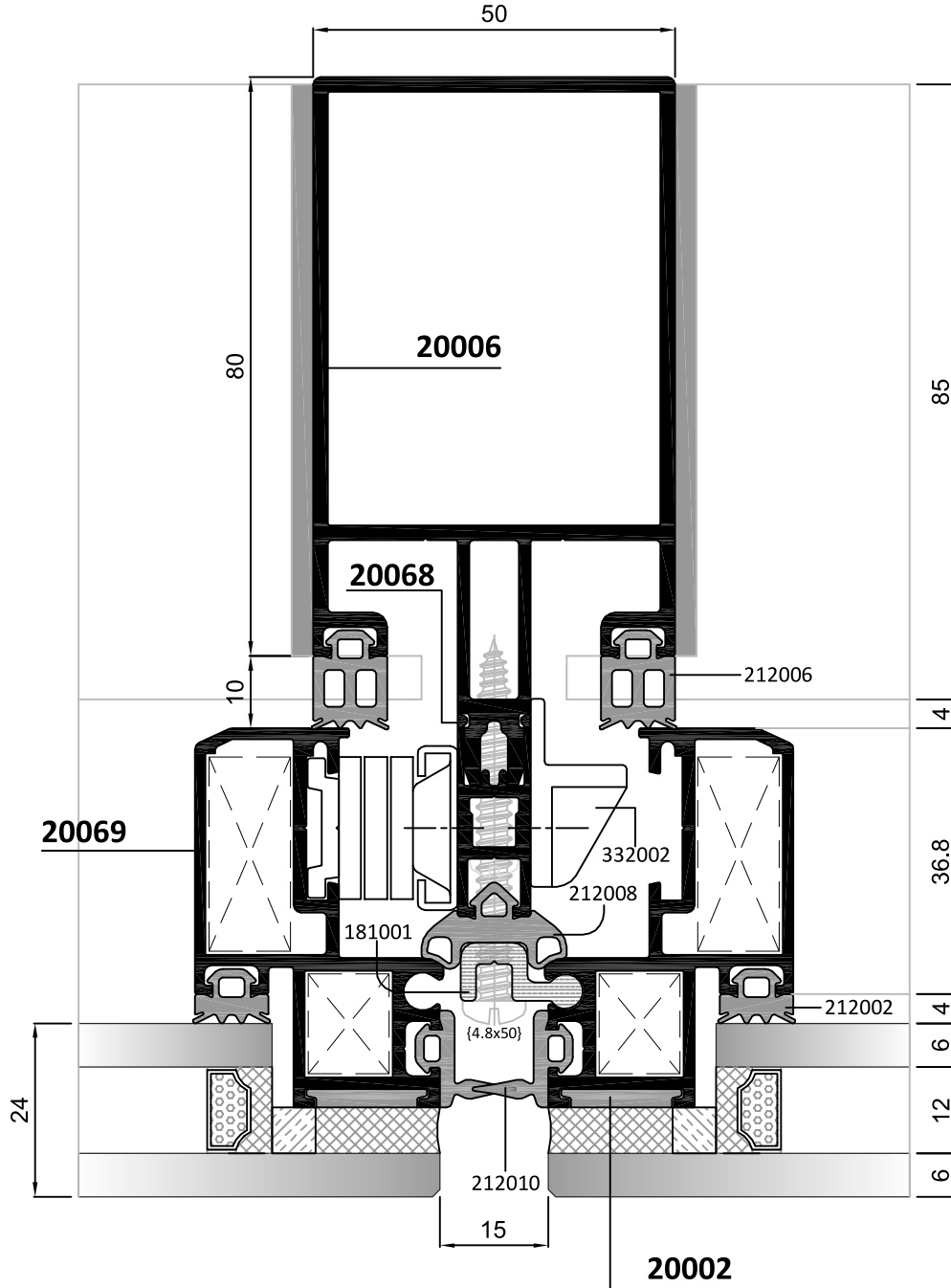
CURTAIN WALL WITH STRUCTURAL CELLS



KASETLİ SİLİKON CEPHE DÜŞEY DETAYI STRUCTURAL CELLS VERTICAL DETAIL

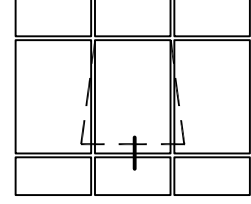


Termal Değer / Thermal Value
Uf: 5,56 W/m²K

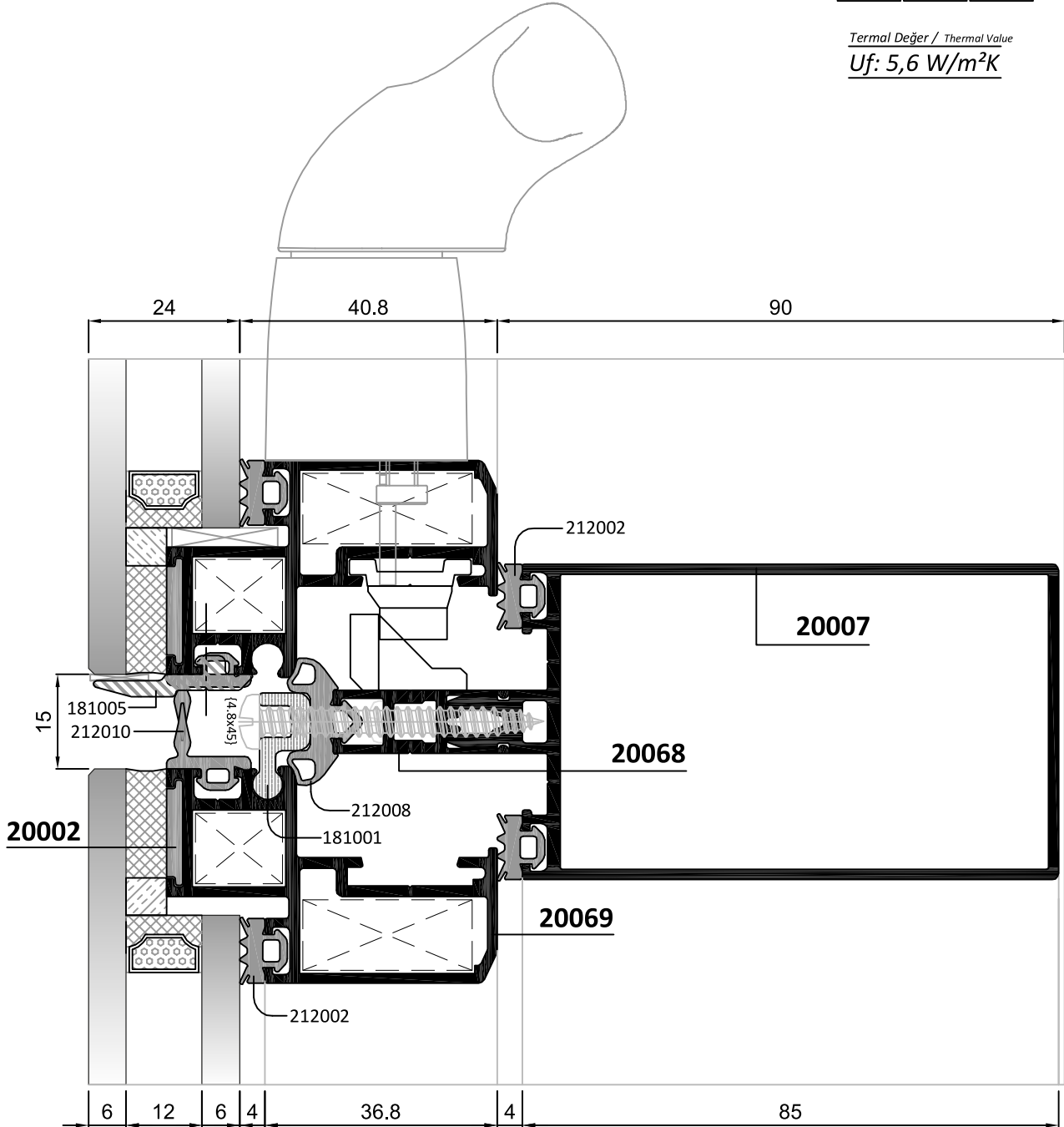


KASETLİ SİLİKON CEPHE YATAY DETAYI

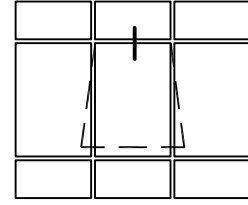
STRUCTURAL CELLS HORIZONTAL DETAIL



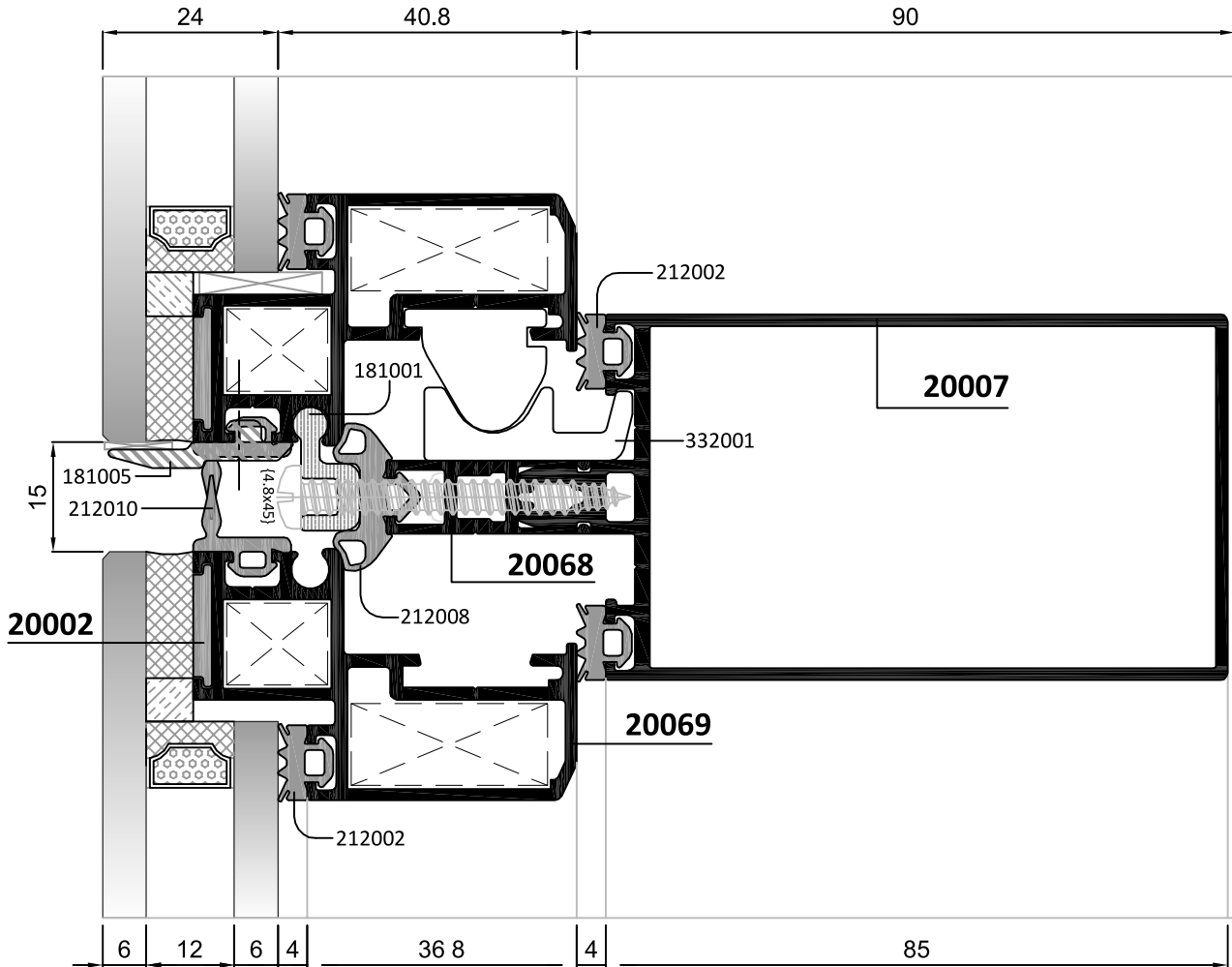
Termal Değer / Thermal Value
Uf: 5,6 W/m²K



KASETLİ SİLİKON CEPHE YATAY DETAYI STRUCTURAL CELLS HORIZONTAL DETAIL

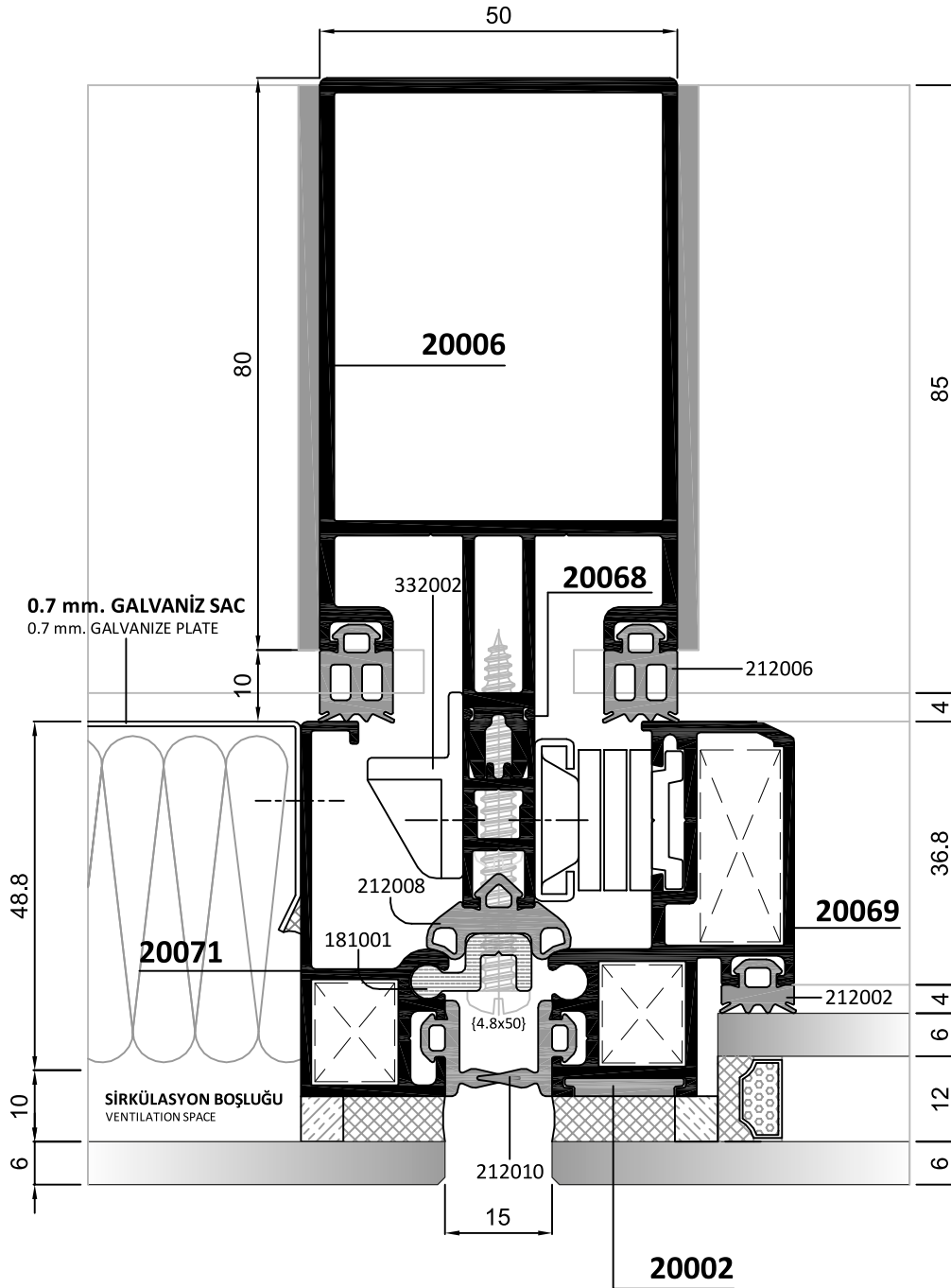
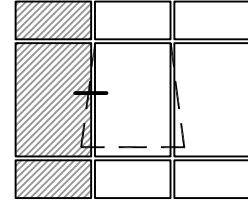


Termal Değer / Thermal Value
Uf: 5,6 W/m²K

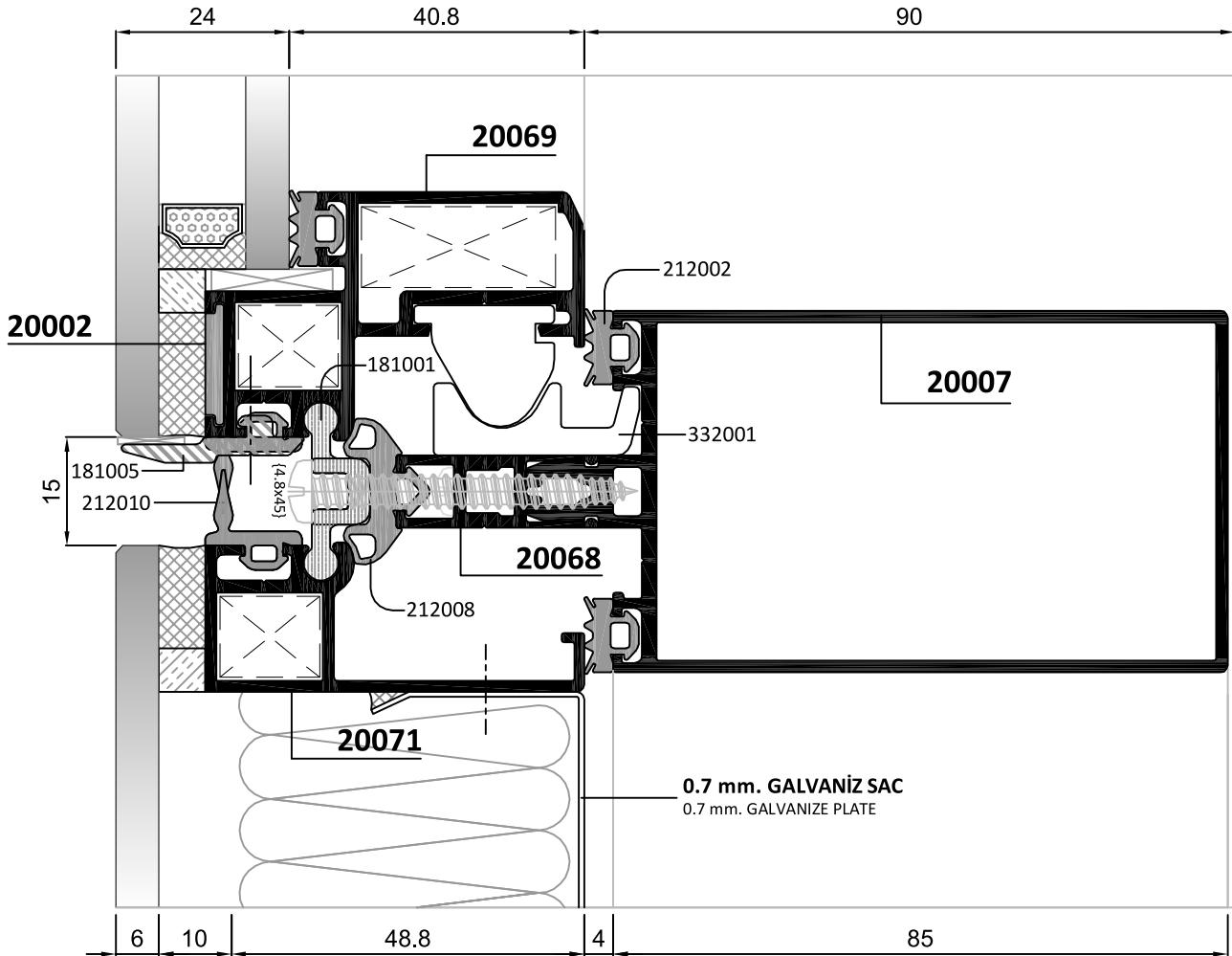
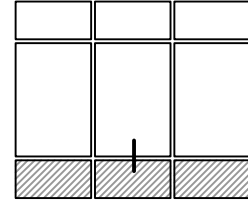


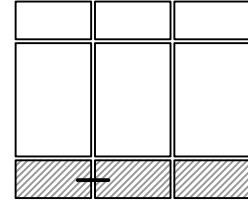
KASETLİ SİLİKON CEPHEDE SPANDREL BÖLGE DETAYI

SPANDREL PANEL DETAIL IN STRUCTURAL CELLS

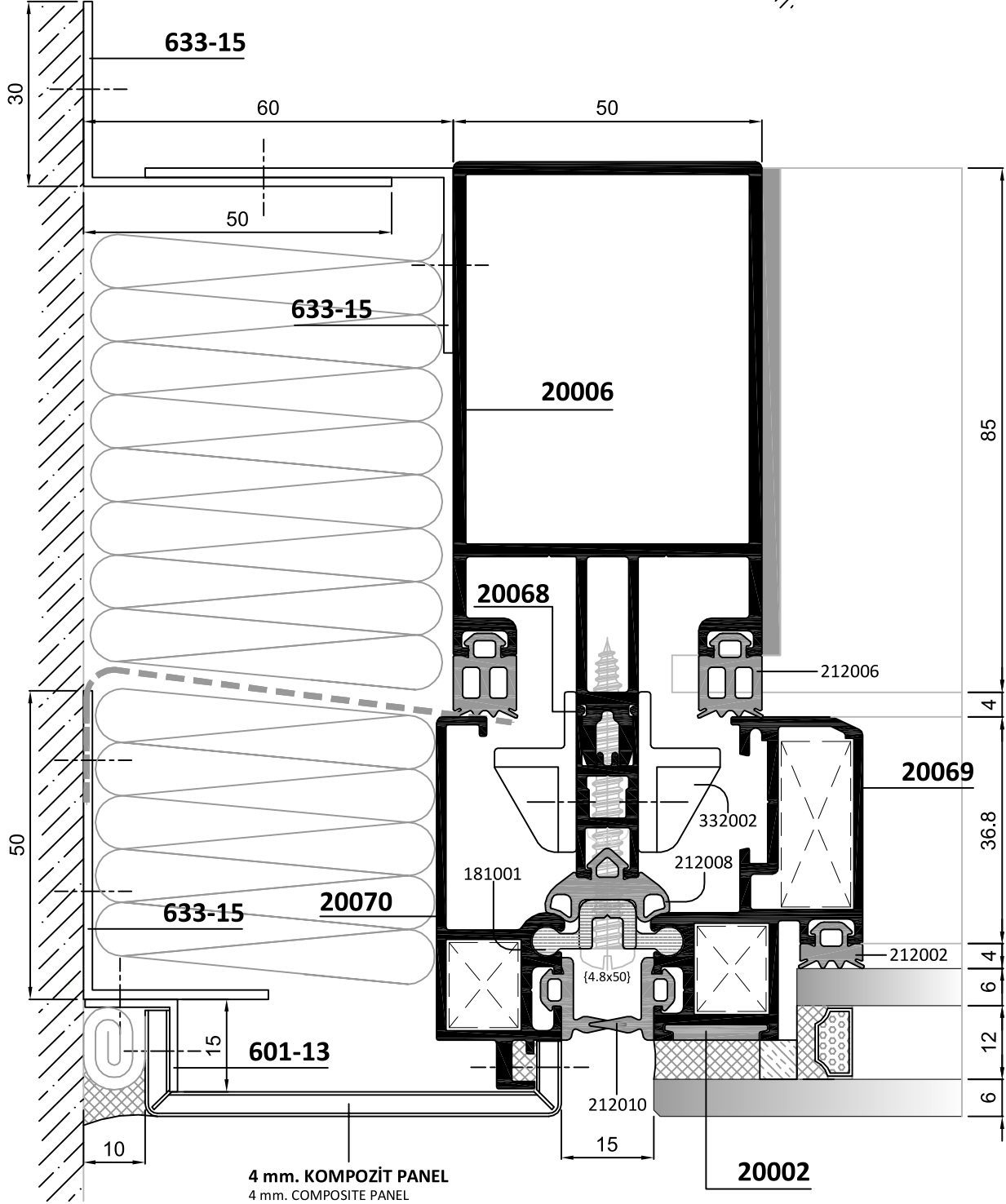
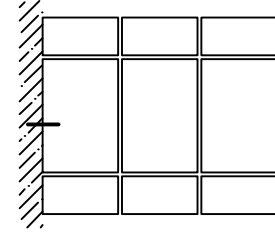


KASETLİ SİLİKON CEPHEDE SPANDREL BÖLGE DETAYI SPANDREL PANEL DETAIL IN STRUCTURAL CELLS

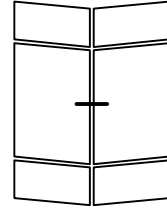




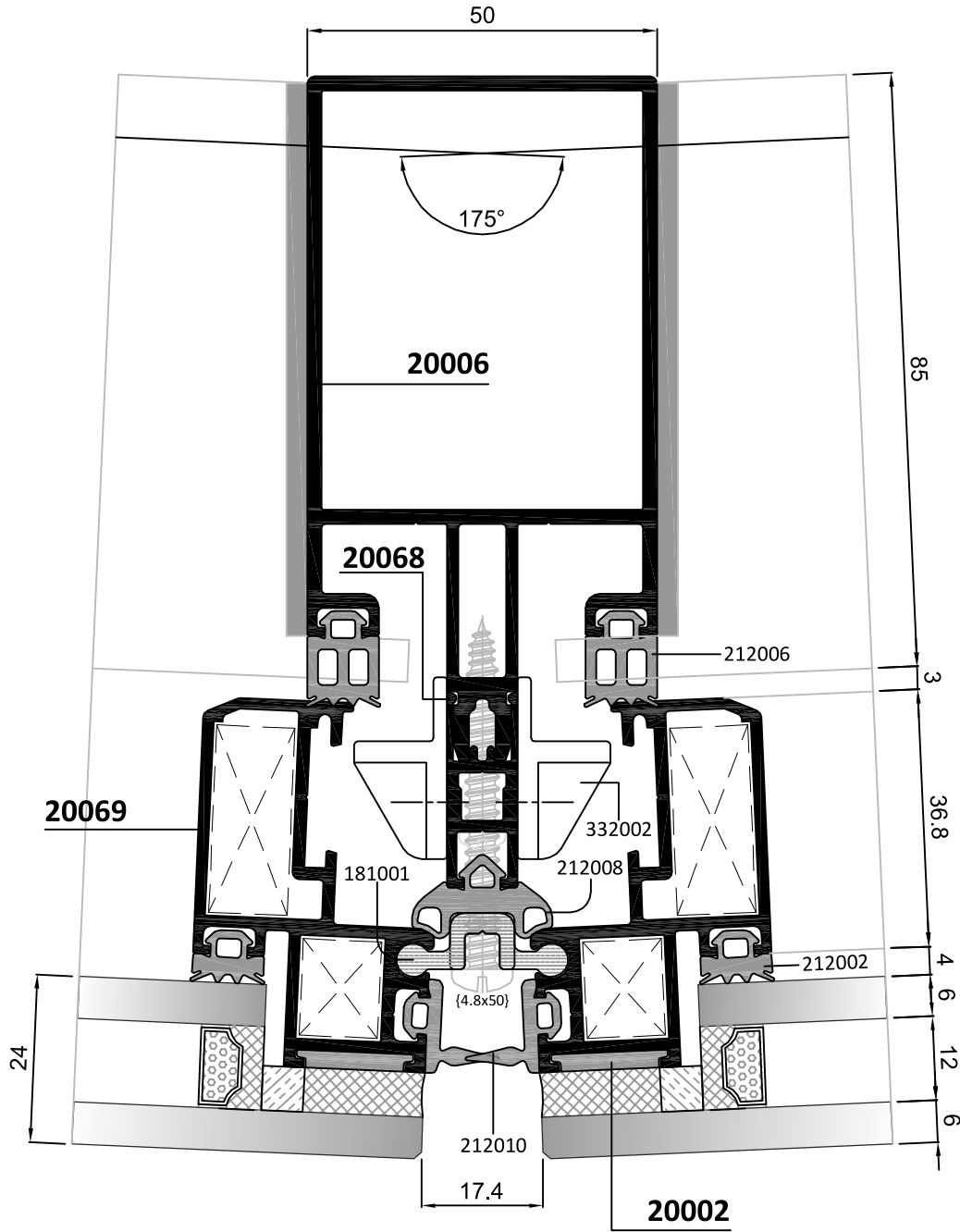
KASETLİ SİLİKON CEPHEDE DUVAR BİTİŞ DETAYI WALL JOINT DETAIL IN STRUCTURAL CELLS



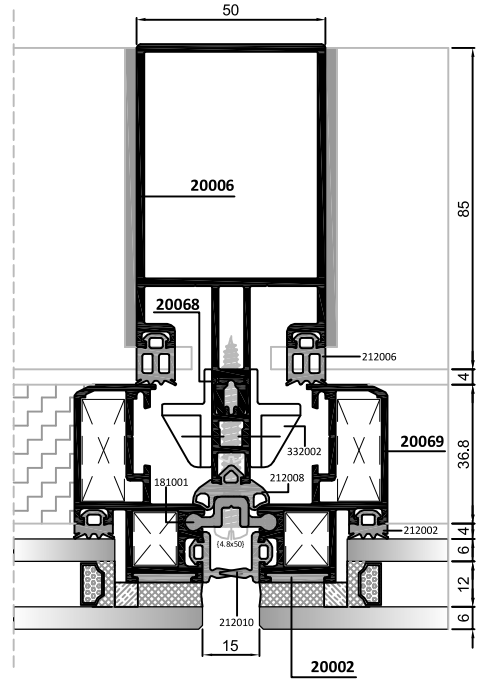
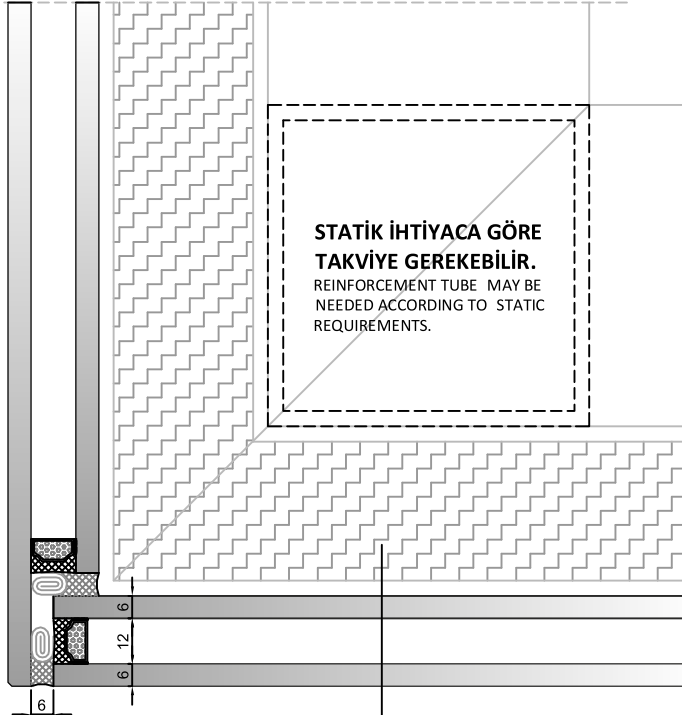
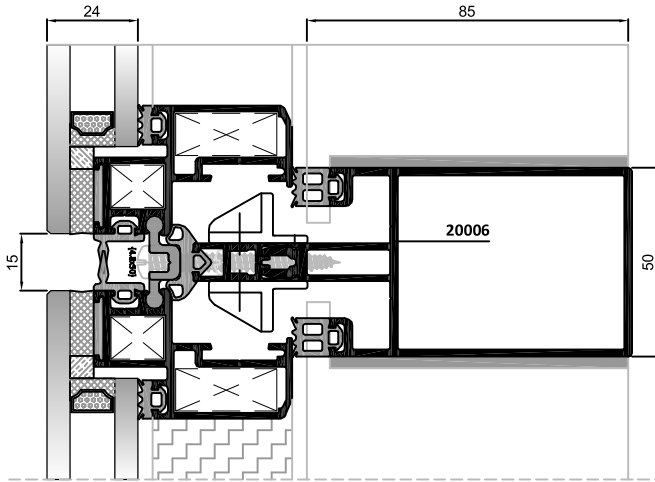
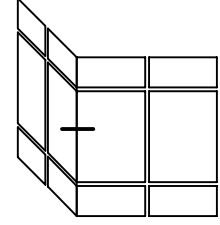
5° DIŞ AÇILI KASETLİ SİLİKON CEPHE DÜŞEY KESİT DETAYI
STRUCTURAL CELLS WITH 5° EXTERNAL ANGLE VERTICAL DETAIL



0 - 5°



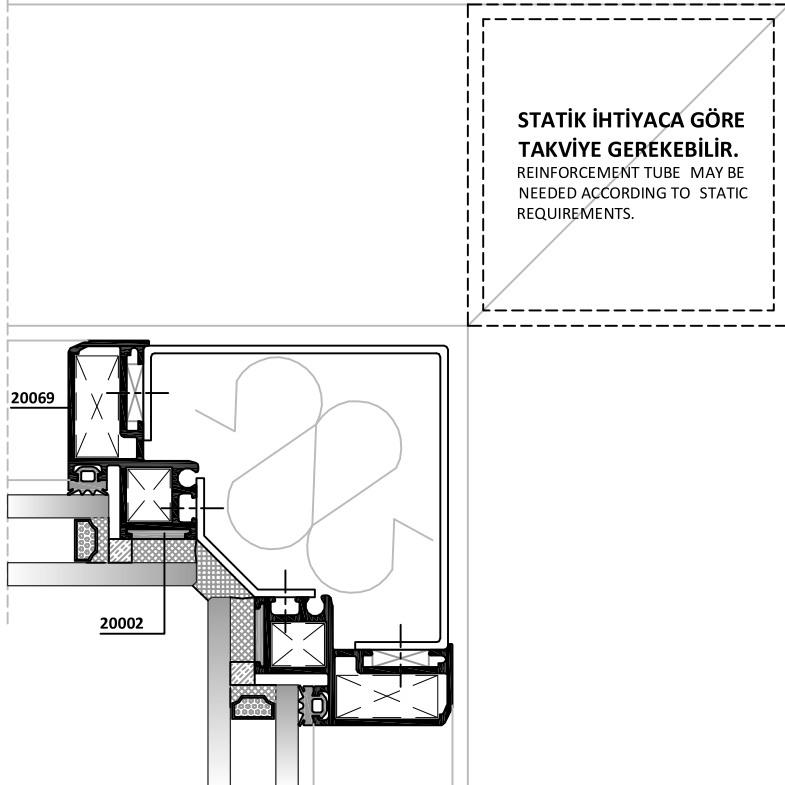
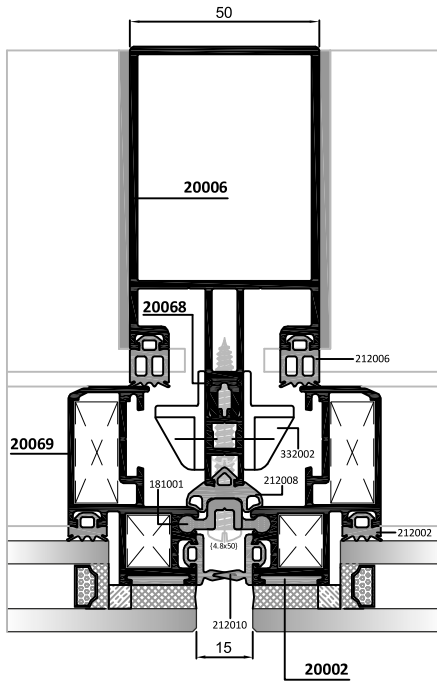
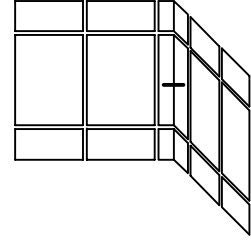
90° DIŞ AÇILI KASETLİ SİLİKON CEPHE DÜŞEY KESİT DETAYI STRUCTURAL CELLS WITH 90° EXTERNAL ANGLE VERTICAL DETAIL



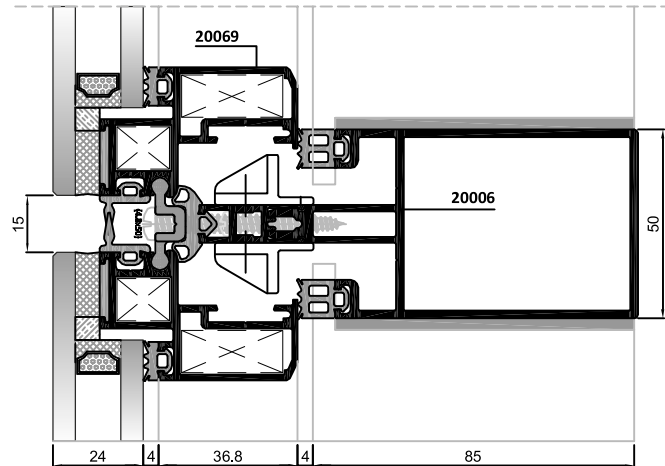
MONTAJ ÖNCESİNDE KASETLER KÖŞEDE "L" BİÇİMİNDE BİRLEŞTİRİLİP HAZIRLANMALIDIR.
BEFORE THE INSTALLATION STRUCTURAL CELLS SHOULD BE PREPARED AS "L" SHAPED FOR THE CORNER.

ÖLÇEK / SCALE: $\frac{1}{2}$

90° İÇ AÇILI KASETLİ SİLİKON CEPHE DÜŞEY KESİT DETAYI STRUCTURAL CELLS WITH 90° INTERNAL ANGLE VERTICAL DETAIL

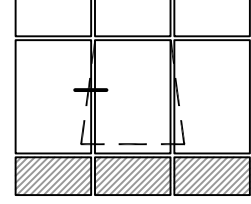


**STATİK İHTİYACA GÖRE
TAKVİYE GEREKEBİLİR.**
REINFORCEMENT TUBE MAY BE
NEEDED ACCORDING TO STATIC
REQUIREMENTS.

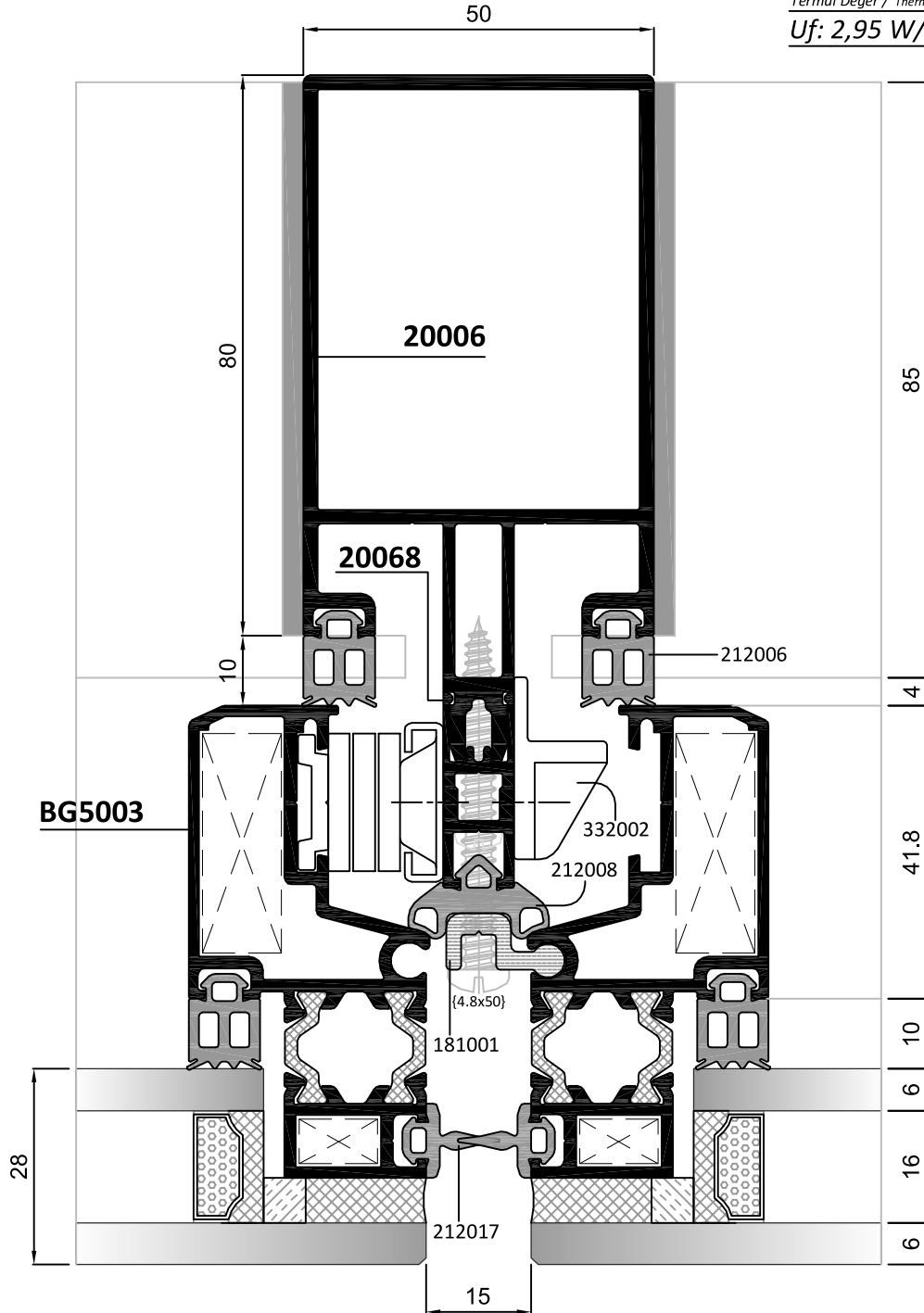


ÖLÇEK / SCALE: $\frac{1}{2}$

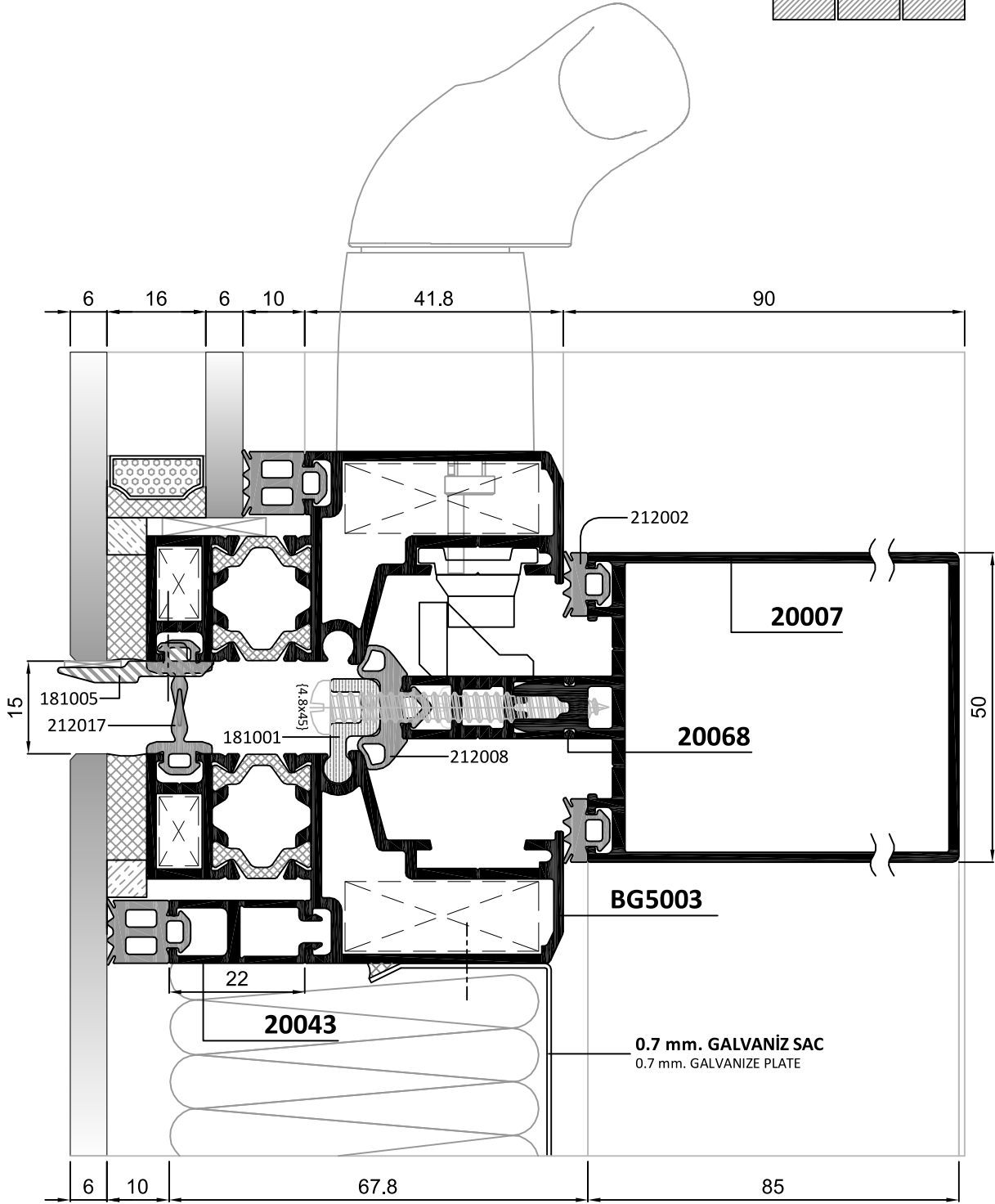
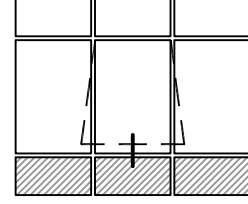
YALITIMLI KASETLİ SİLİKON CEPHE DÜŞEY DETAYI INSULATED STRUCTURAL CELLS VERTICAL DETAIL



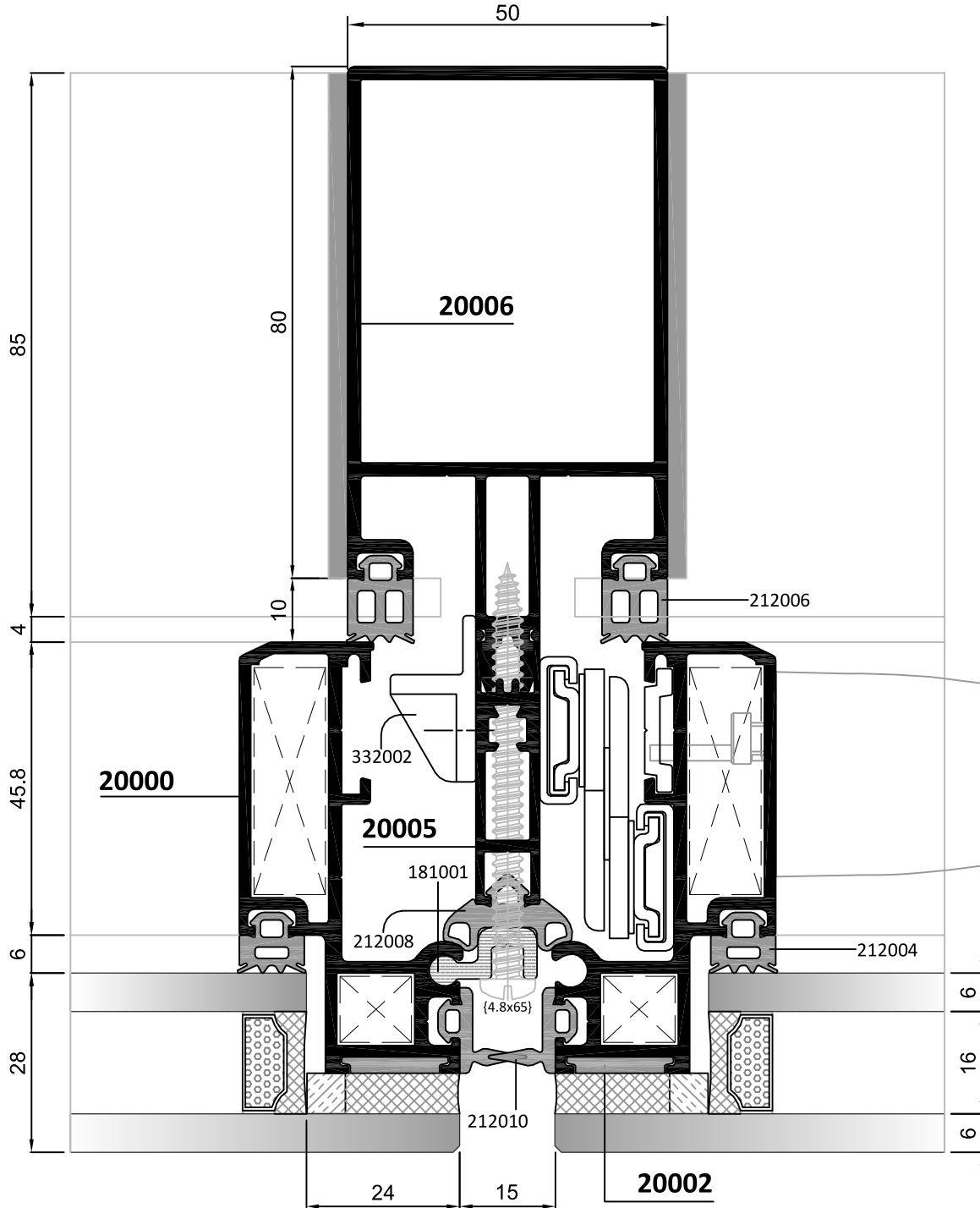
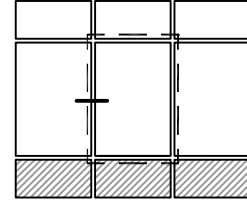
Termal Değer / Thermal Value
Uf: 2,95 W/m²K



YALITIMLI KASETLİ SİLİKON CEPHE SPANDREL BÖLGE DETAYI
INSULATED STRUCTURAL CELLS SPANDREL PANEL DETAIL



KASETLİ SİLİKON CEPHEDE PARALEL AÇILIM DETAYI PARALLEL OPENNING VENT DETAIL IN THE STRUCTURAL CELLS

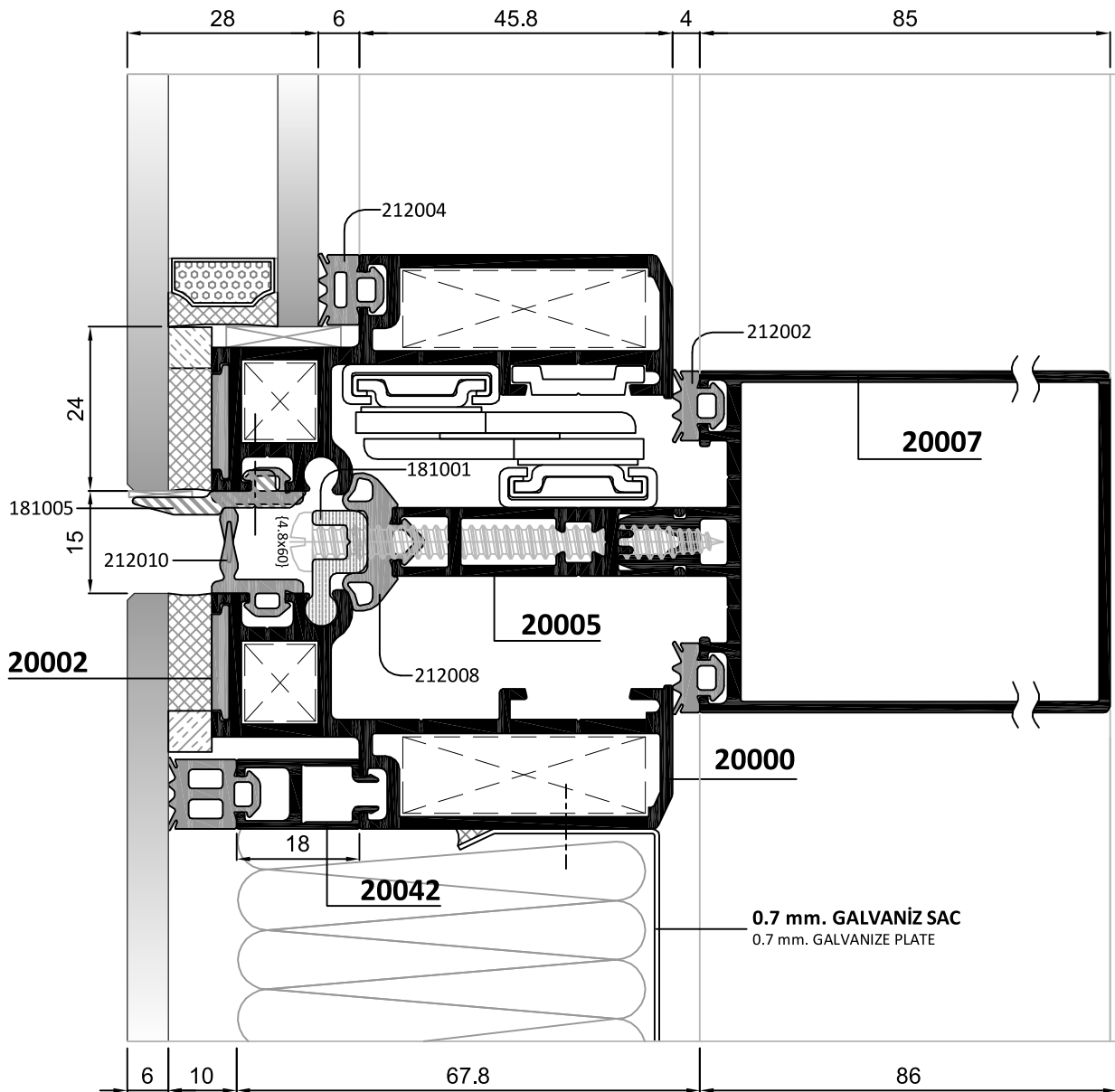
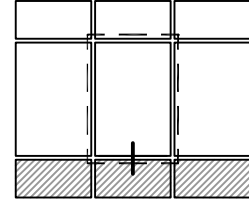


65

DETAYLAR / DETAILS

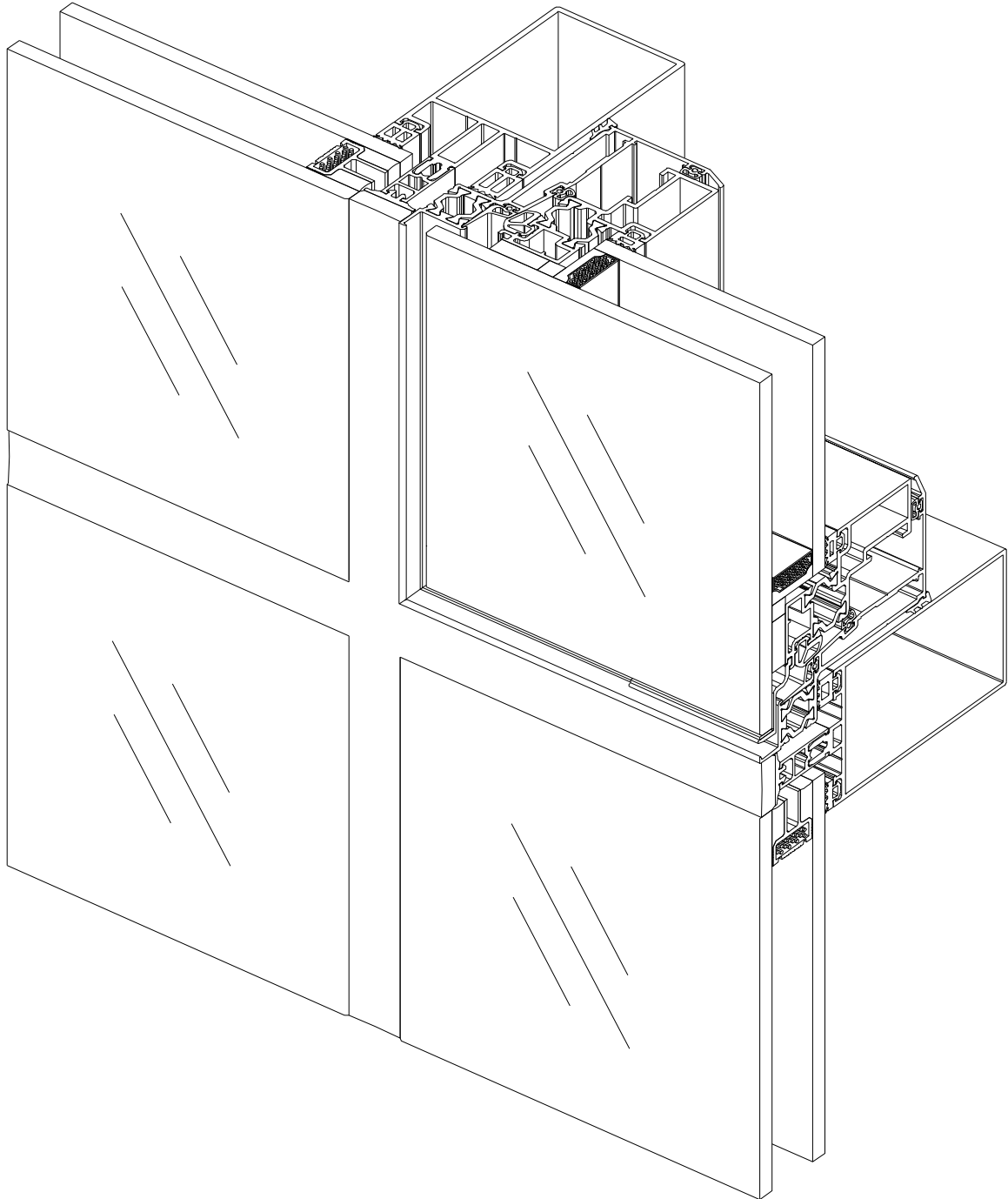
KASETLİ SİLİKON CEPHEDE PARALEL AÇILIM DETAYI

PARALLEL OPENNING VENT DETAIL IN THE STRUCTURAL CELLS



3. SİLİKON DERZLİ CAM CEPHE

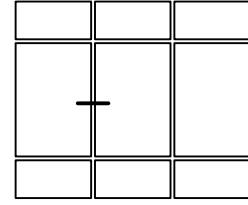
FOUR SIDED SILICONE CURTAIN WALL



67

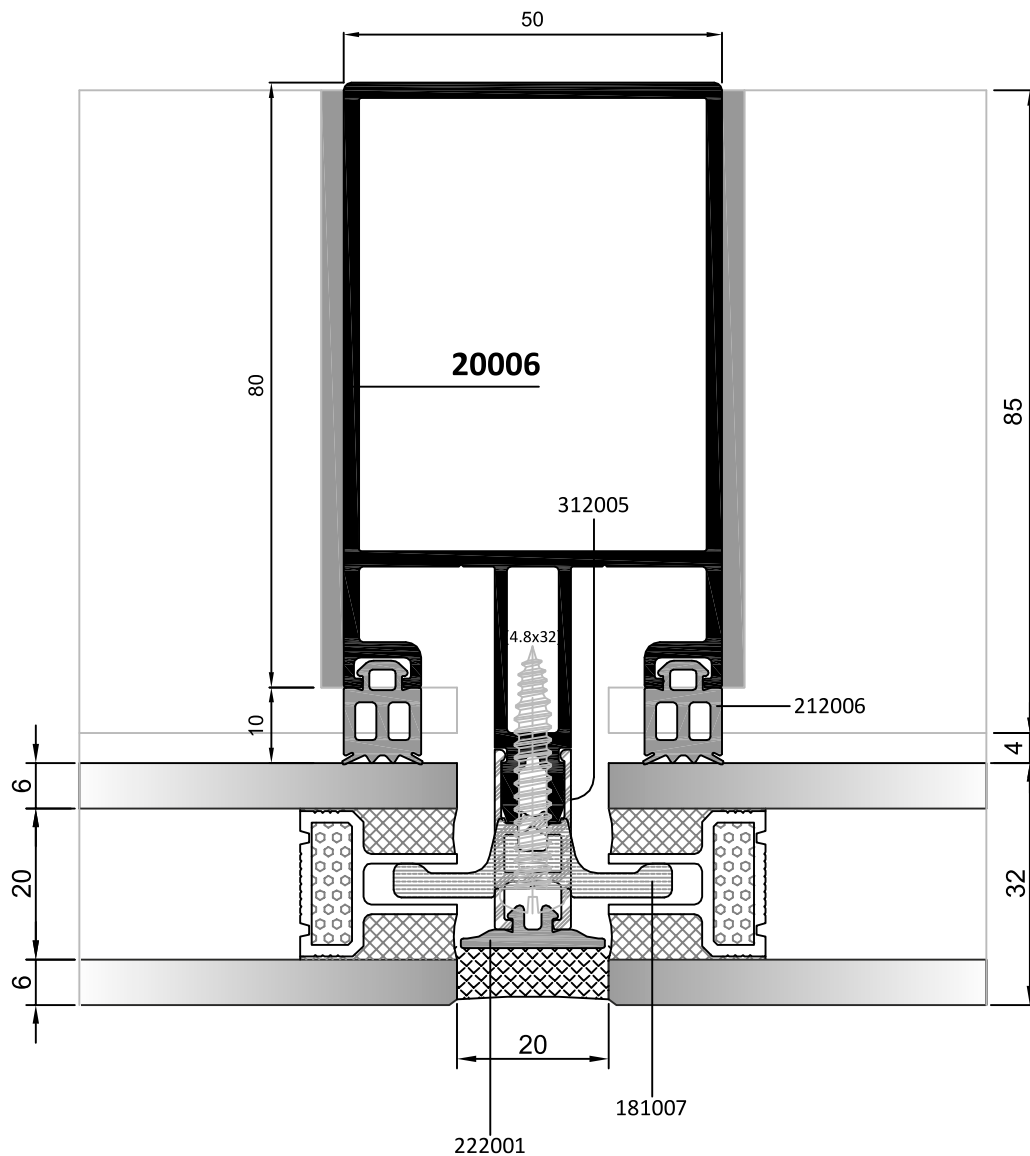
CAM CEPHE DÜŞEY DETAYI

FOUR SIDE VERTICAL DETAIL

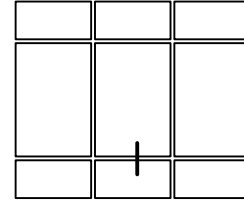


ALTERNATİF 1: 20mm ISICAM ÇİTALİ SİSTEM

ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER

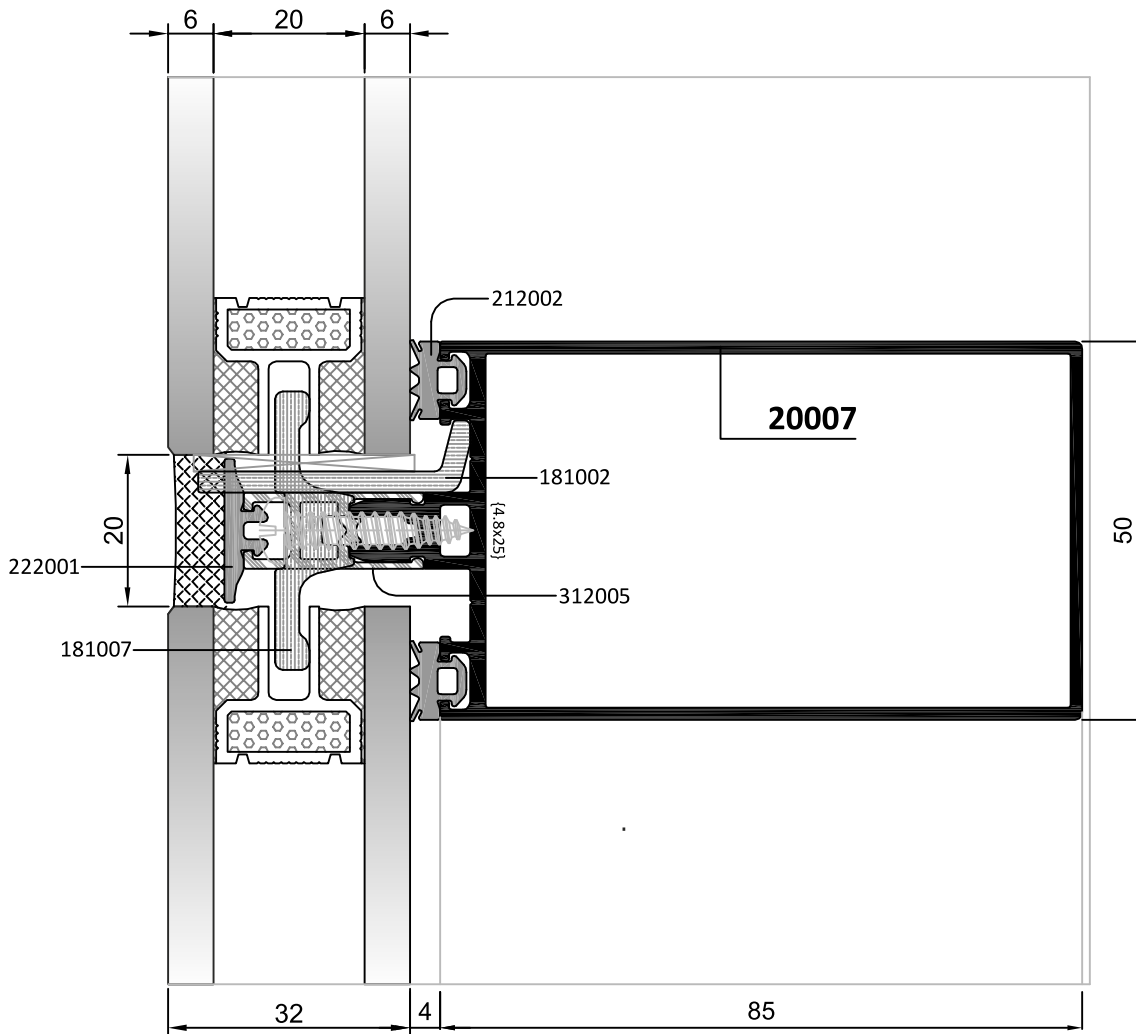
Termal Değer / Thermal Value
$$\underline{U_f: 2,21 \text{ W/m}^2\text{K}}$$


CAM CEPHE YATAY DETAYI FOUR SIDE HORIZONTAL DETAIL



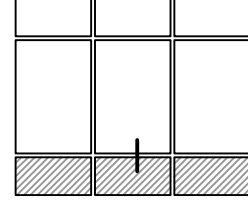
ALTERNATİF 1: 20mm ISICAM ÇITALI SİSTEM ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER

Termal Değer / Thermal Value
 $U_f: 2,26 \text{ W/m}^2\text{K}$



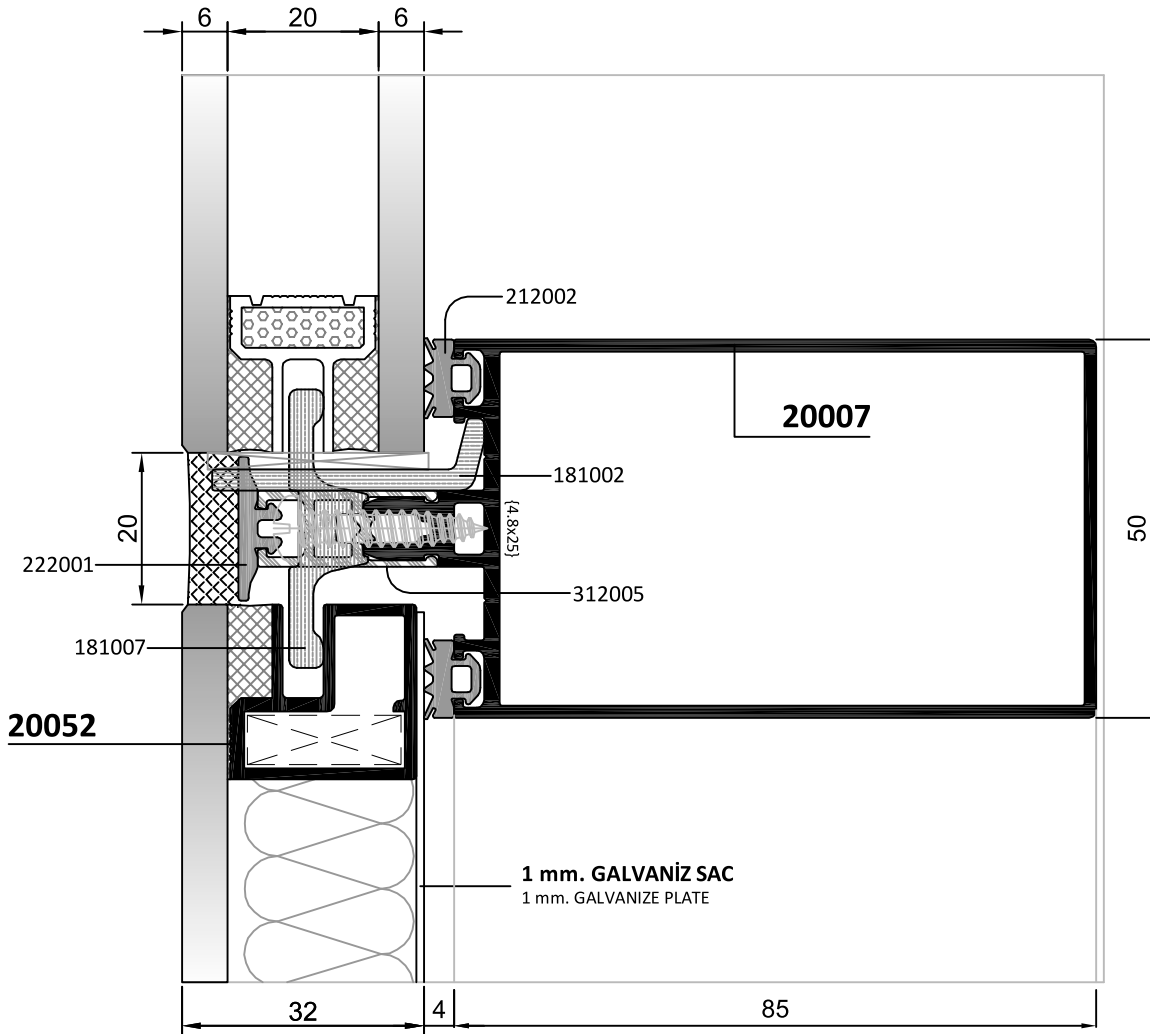
CAM CEPHEDE SPANDREL BÖLGE DETAYI

SPANDREL PANEL DETAIL IN FOUR SIDE

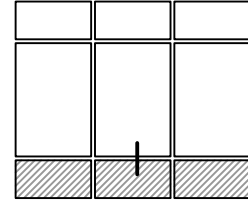


ALTERNATİF 1: 20mm ISICAM ÇITALI SİSTEM

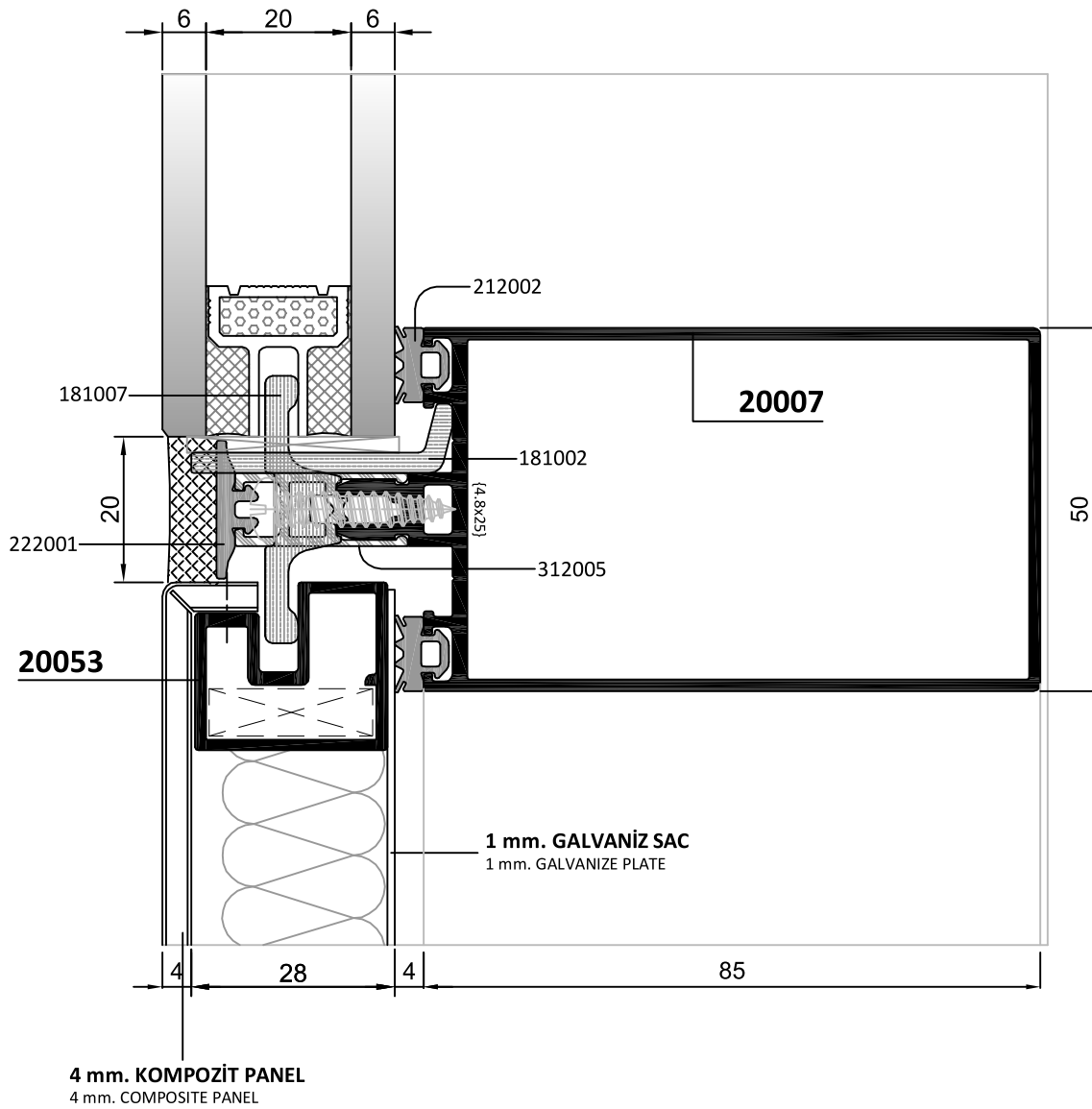
ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



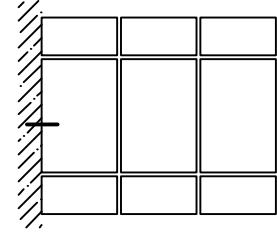
CAM CEPHEDE SPANDREL BÖLGE DETAYI SPANDREL PANEL DETAIL IN FOUR SIDE



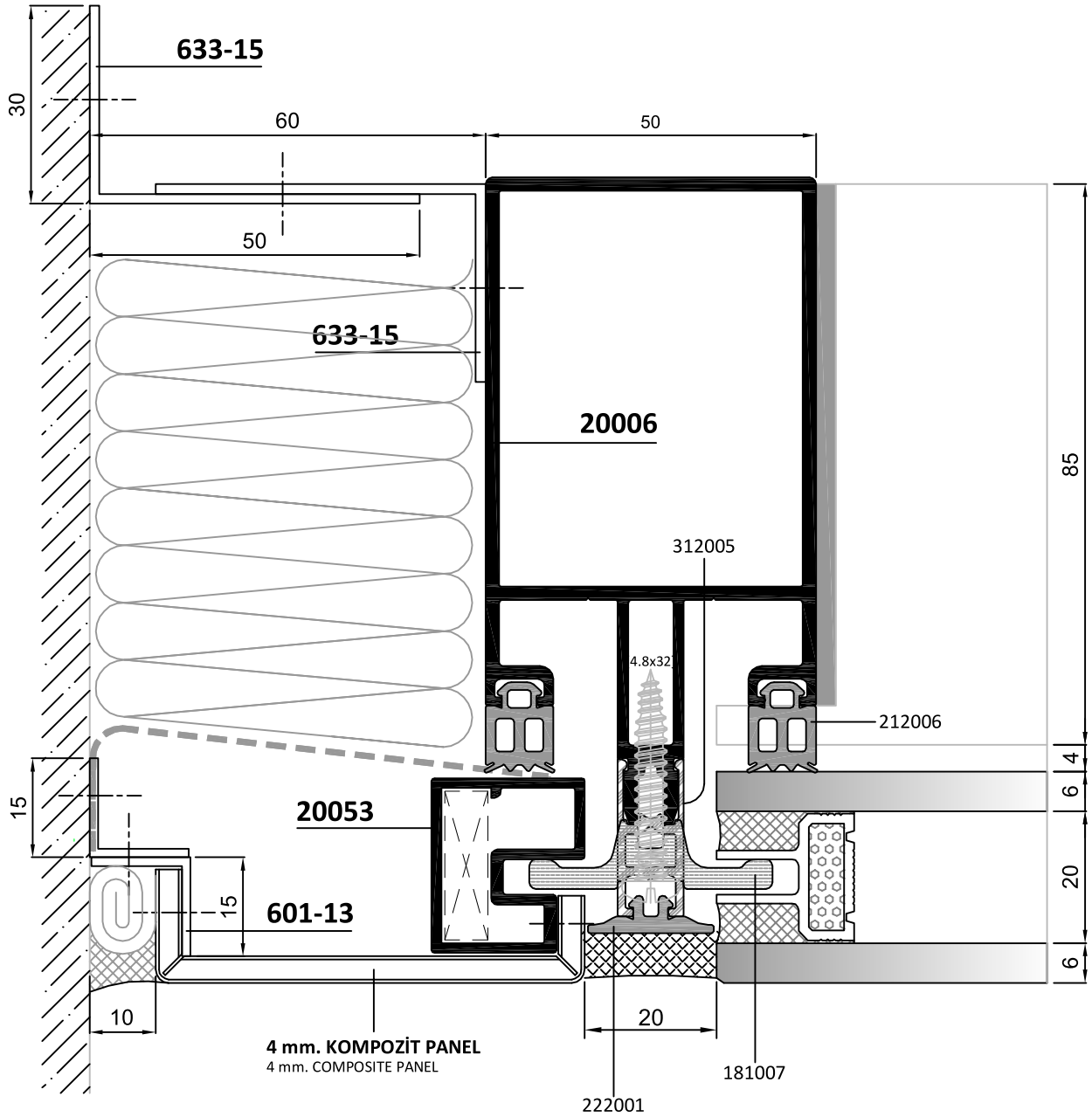
ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



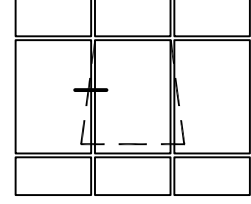
CAM CEPHEDE DUVAR BİTİŞ DETAYI WALL JOINT DETAIL IN FOUR SIDE



ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER

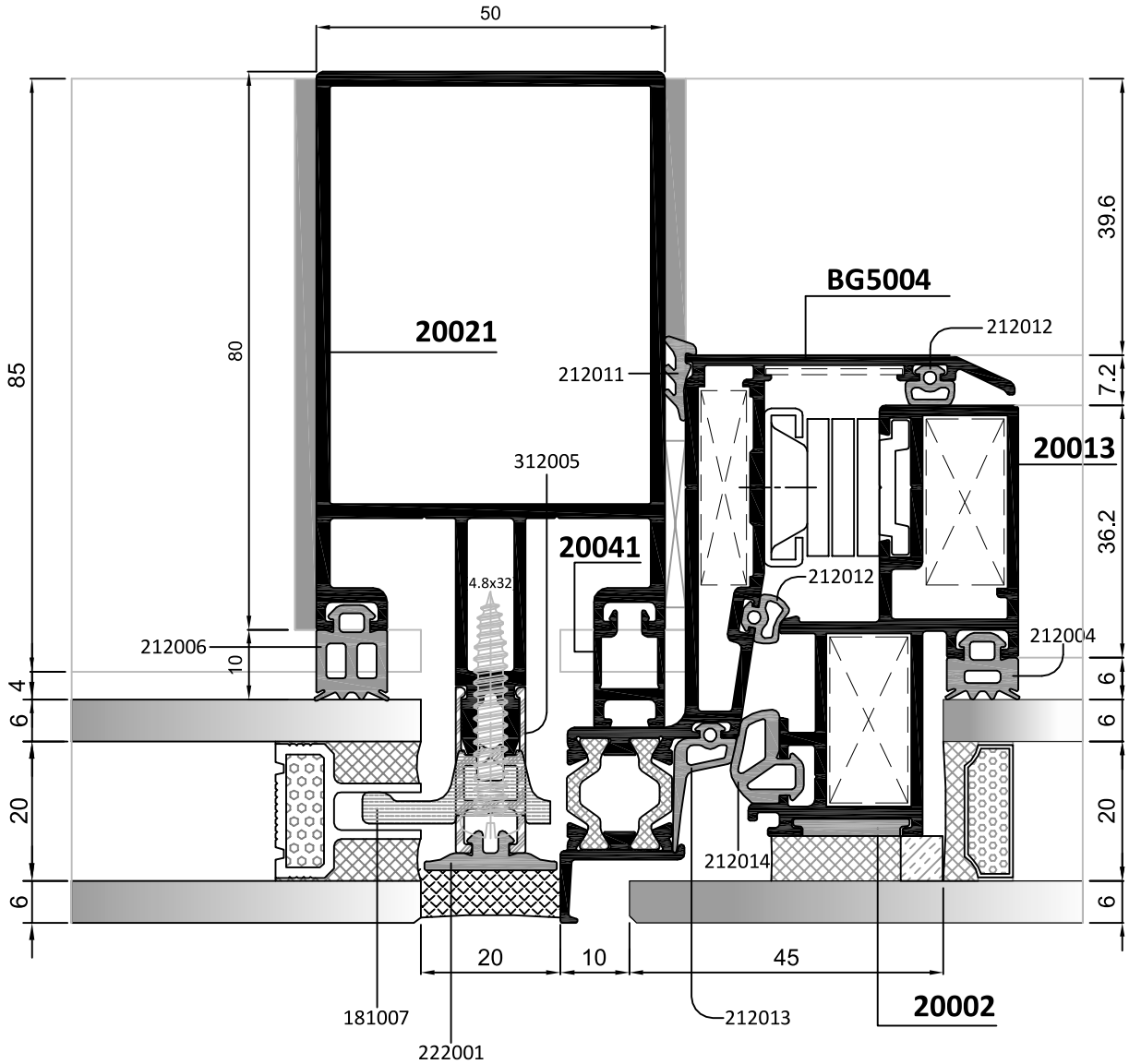


CAM CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN FOUR SIDE



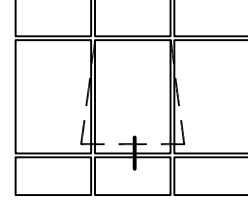
ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER

Termal Değer / Thermal Value
Uf: 3,21 W/m²K

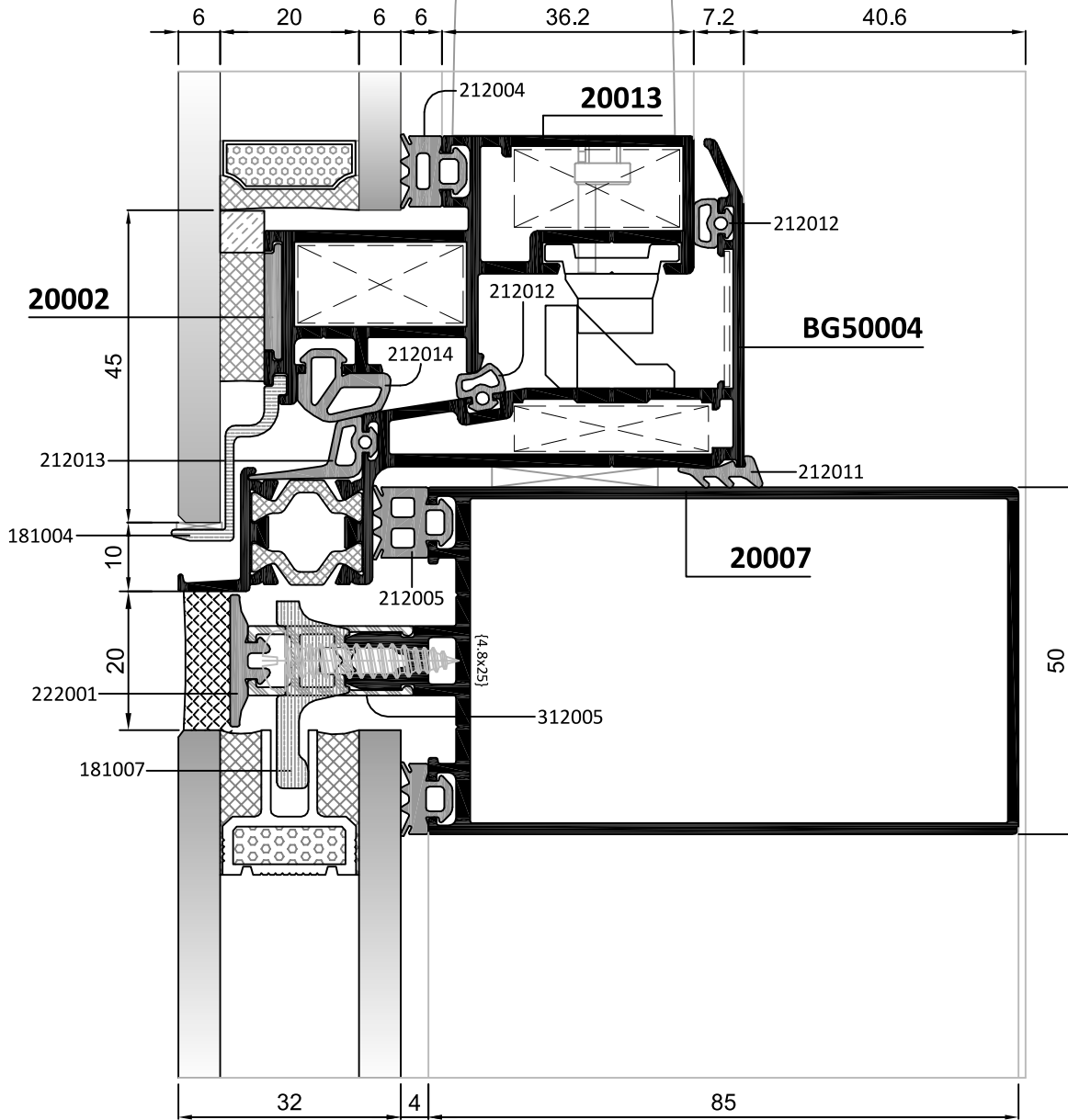


CAM CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN FOUR-SIDE

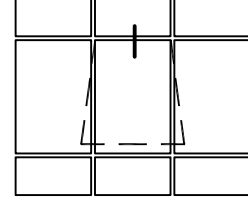
ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



Termal Değer / Thermal Value
Uf: 3,27 W/m²K

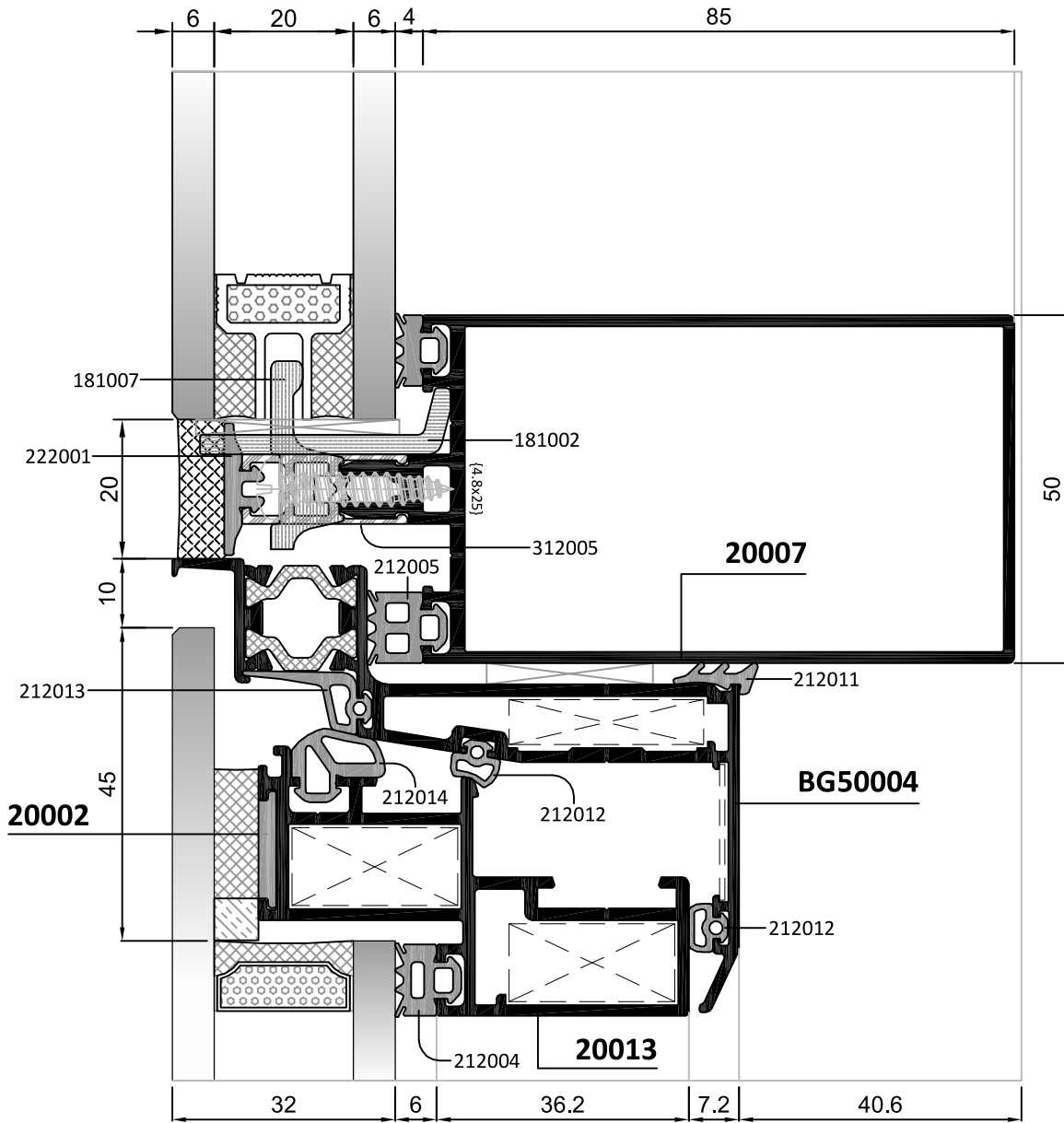


CAM CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN FOUR SIDE

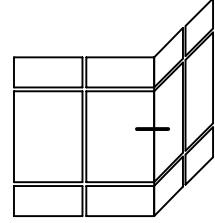


ALTERNATİF 1: 20mm ISICAM ÇITALI SİSTEM ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER

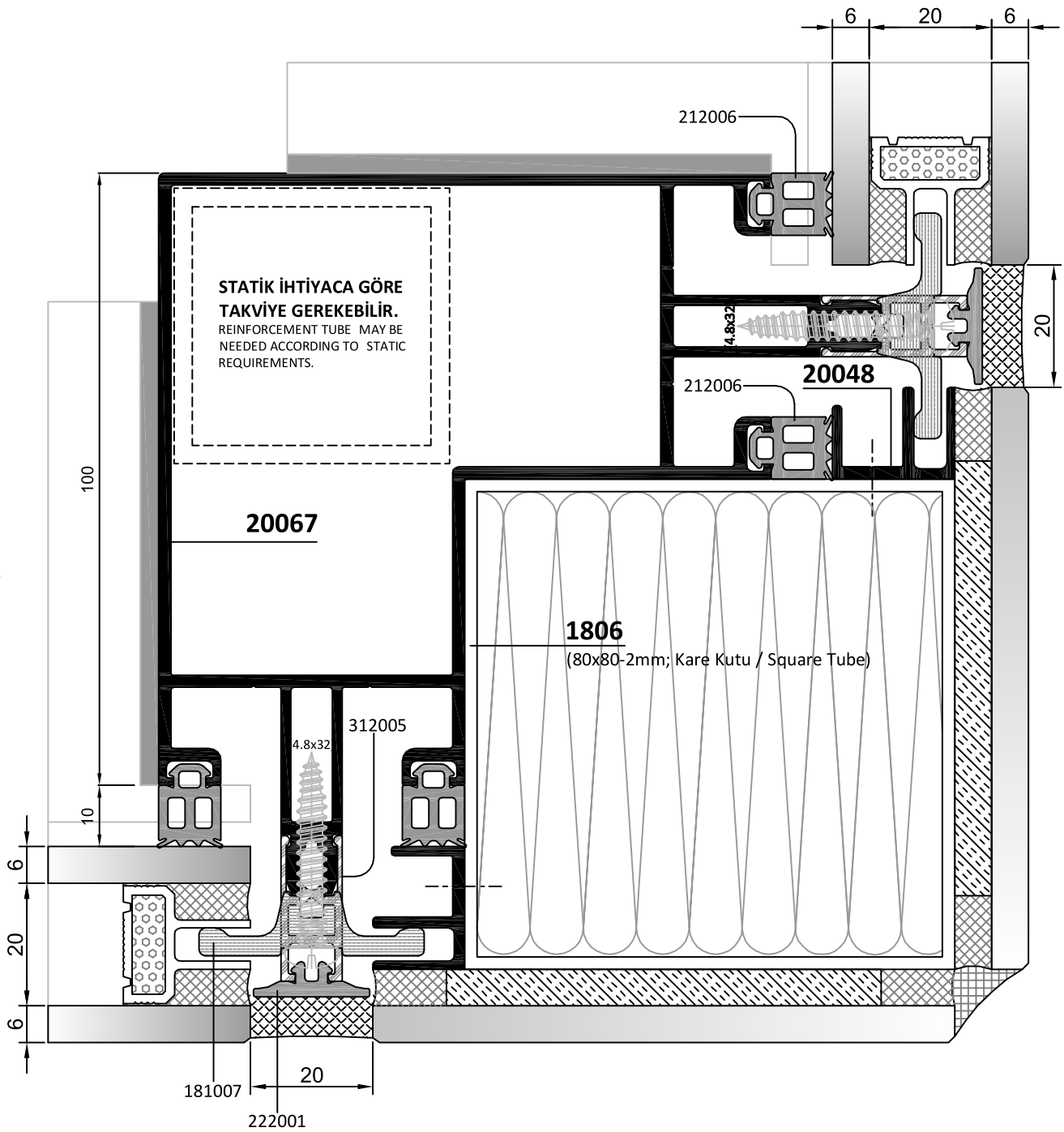
Termal Değer / Thermal Value
Uf: 3,27 W/m²K



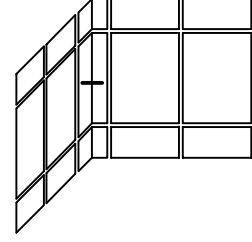
90° DIŞ AÇILI CAM CEPHE DÜŞEY KESİT DETAYI FOUR SIDE WITH 90° EXTERNAL ANGLE VERTICAL DETAIL



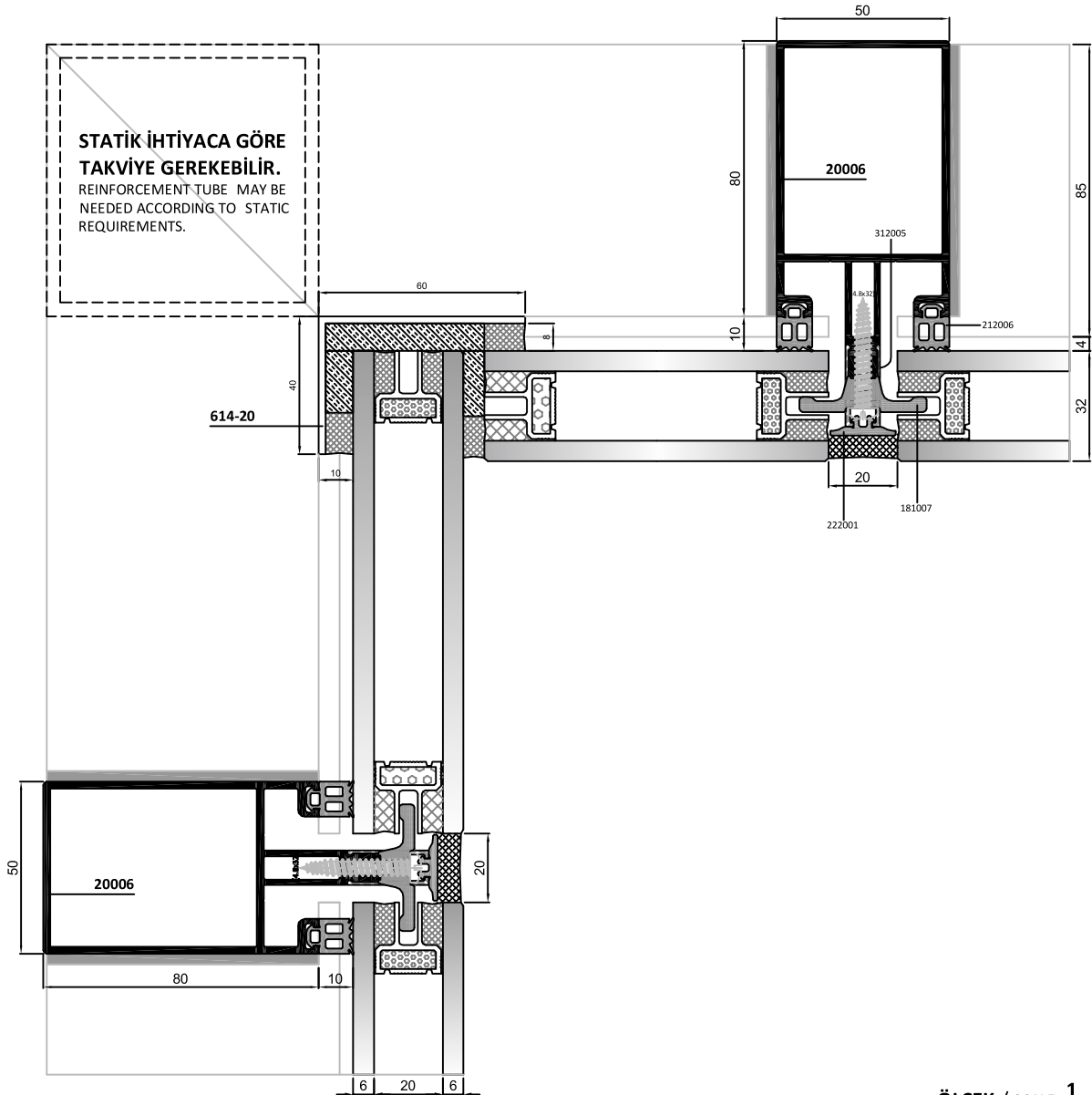
ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



90° İÇ AÇILI CAM CEPHE DÜŞEY KESİT DETAYI FOUR SIDE WITH 90° INTERNAL ANGLE VERTICAL DETAIL



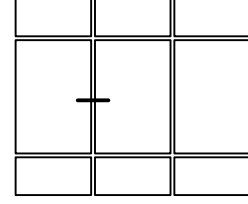
ALTERNATİF 1: 20mm ISICAM ÇITALI SİSTEM ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



ÖLÇEK / SCALE: $\frac{1}{2}$

CAM CEPHE DÜŞEY DETAYI

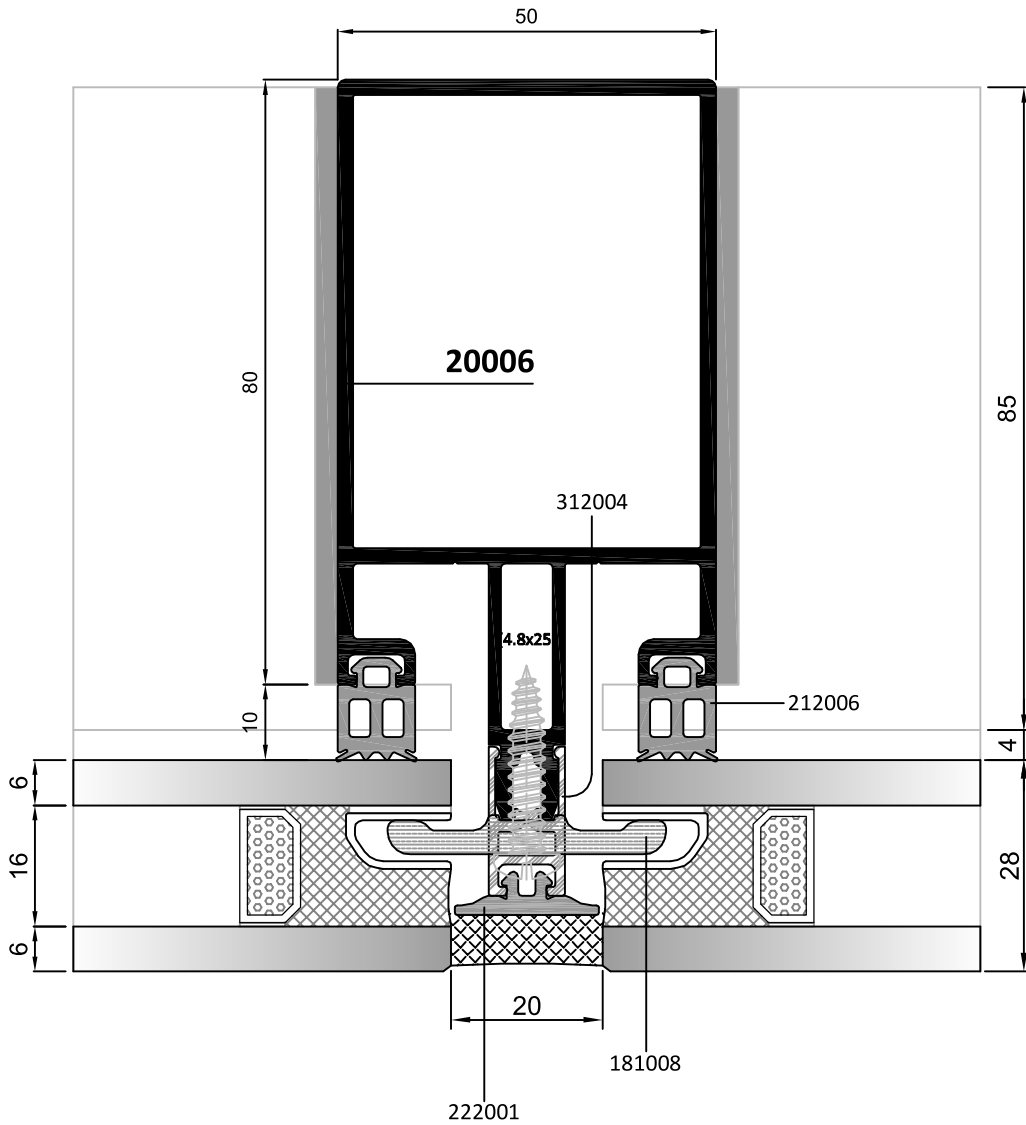
FOUR SIDE VERTICAL DETAIL



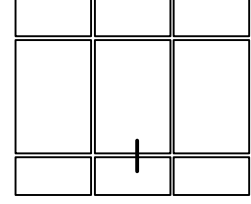
ALTERNATİF 2: 16mm ISICAM ÇITALI SİSTEM

ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER

Termal Değer / Thermal Value
Uf: 2,52 W/m²K

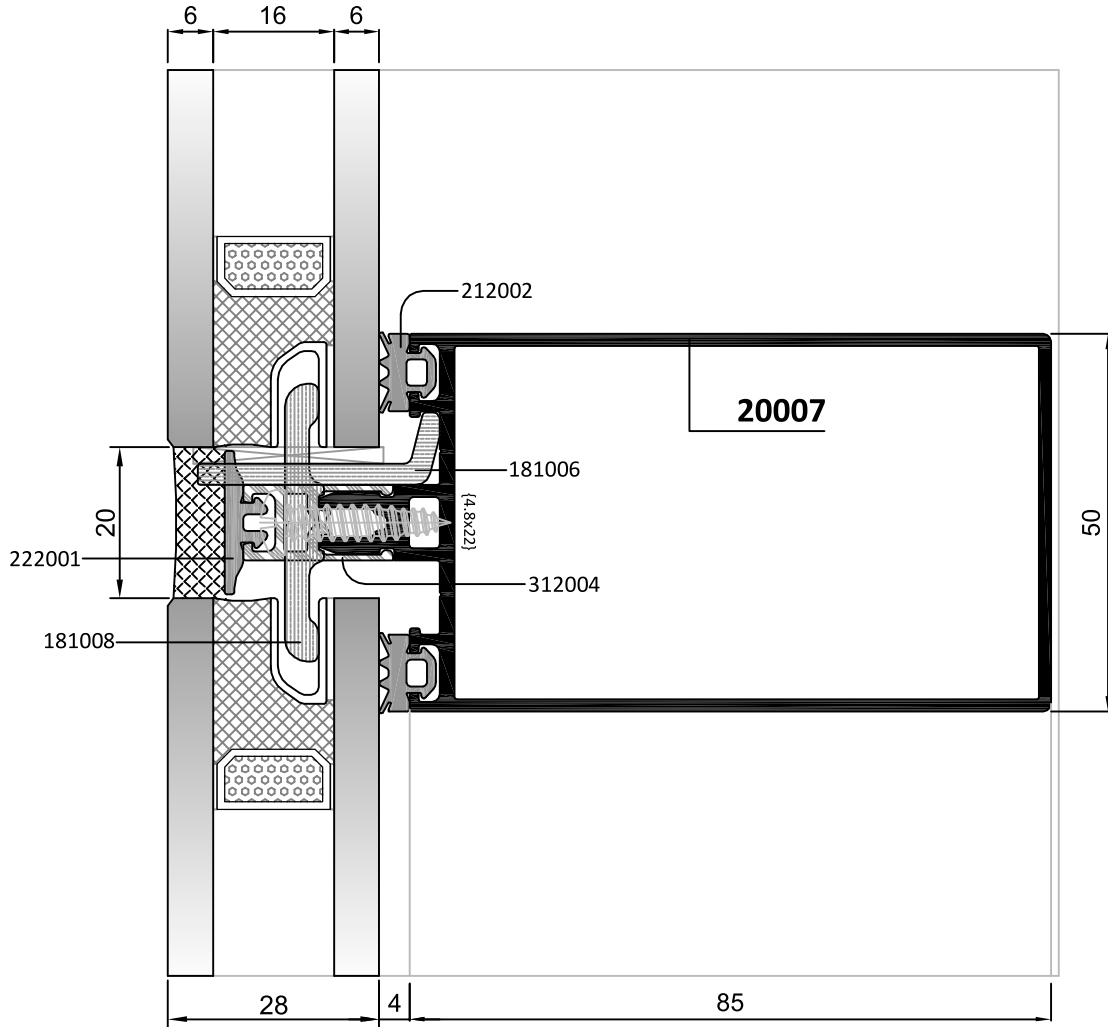


CAM CEPHE YATAY DETAYI FOUR SIDE HORIZONTAL DETAIL



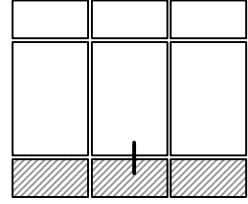
ALTERNATİF 2: 16mm ISICAM ÇITALI SİSTEM ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER

Termal Değer / Thermal Value
Uf: 2,58 W/m²K



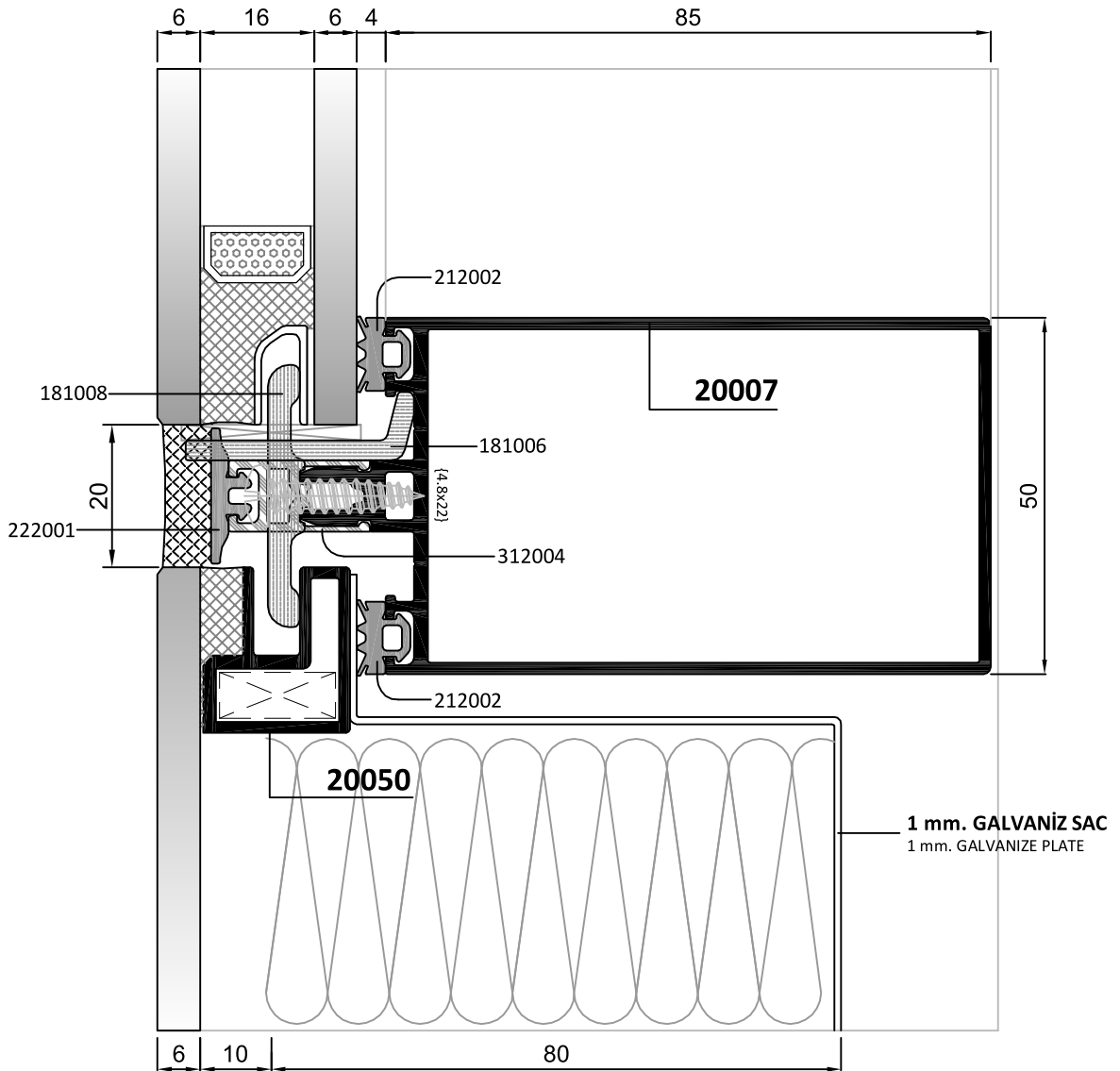
CAM CEPHEDE SPANDREL BÖLGE DETAYI

SPANDREL PANEL DETAIL IN FOUR SIDE

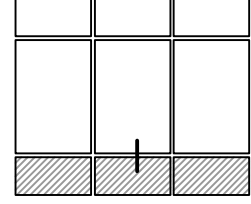


ALTERNATİF 2: 16mm ISICAM ÇİTALI SİSTEM

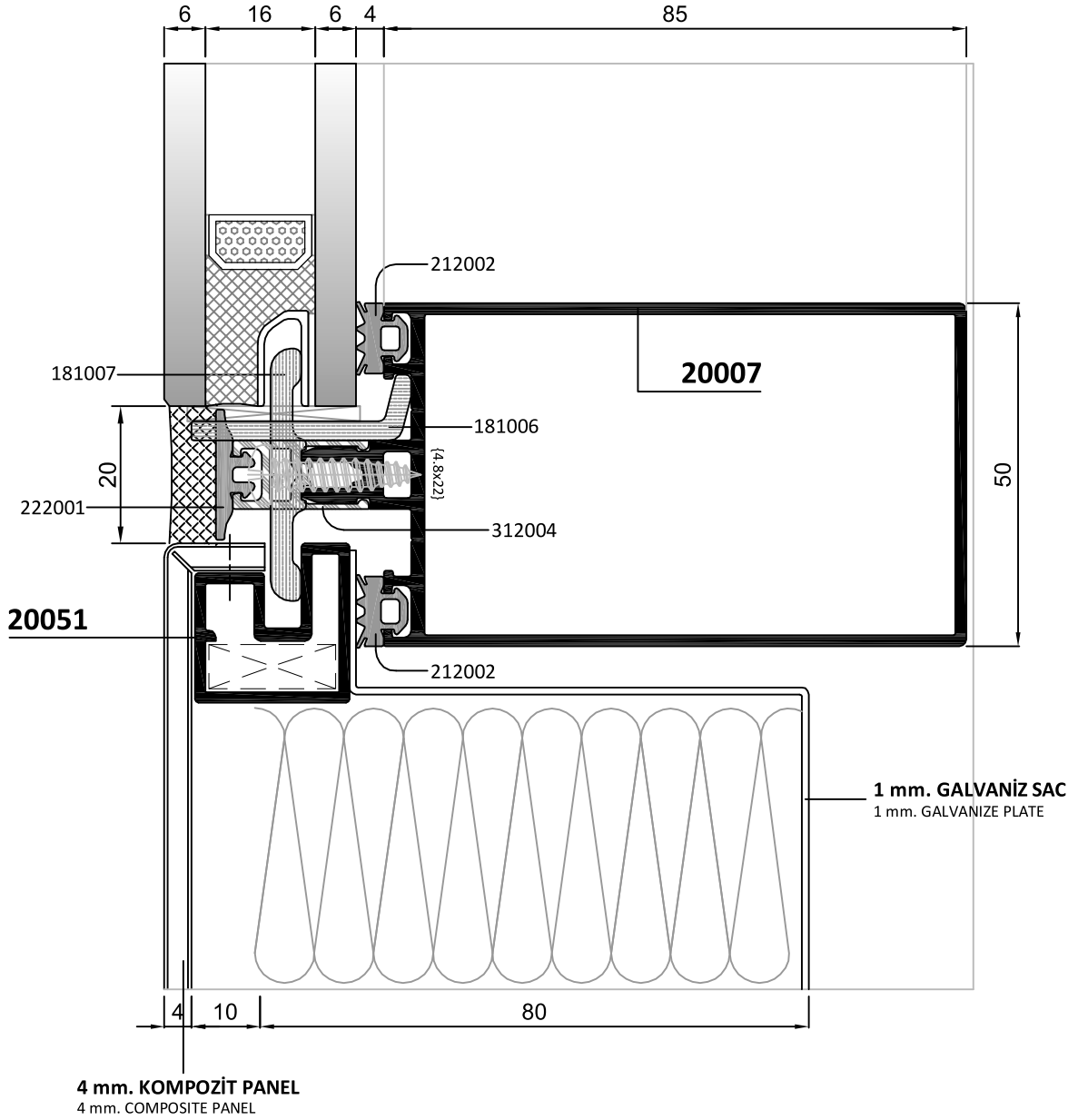
ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER



CAM CEPHEDE SPANDREL BÖLGE DETAYI SPANDREL PANEL DETAIL IN FOUR SIDE

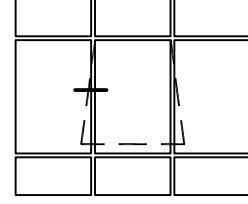


ALTERNATİF 2: 16mm ISICAM ÇİTALI SİSTEM ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER



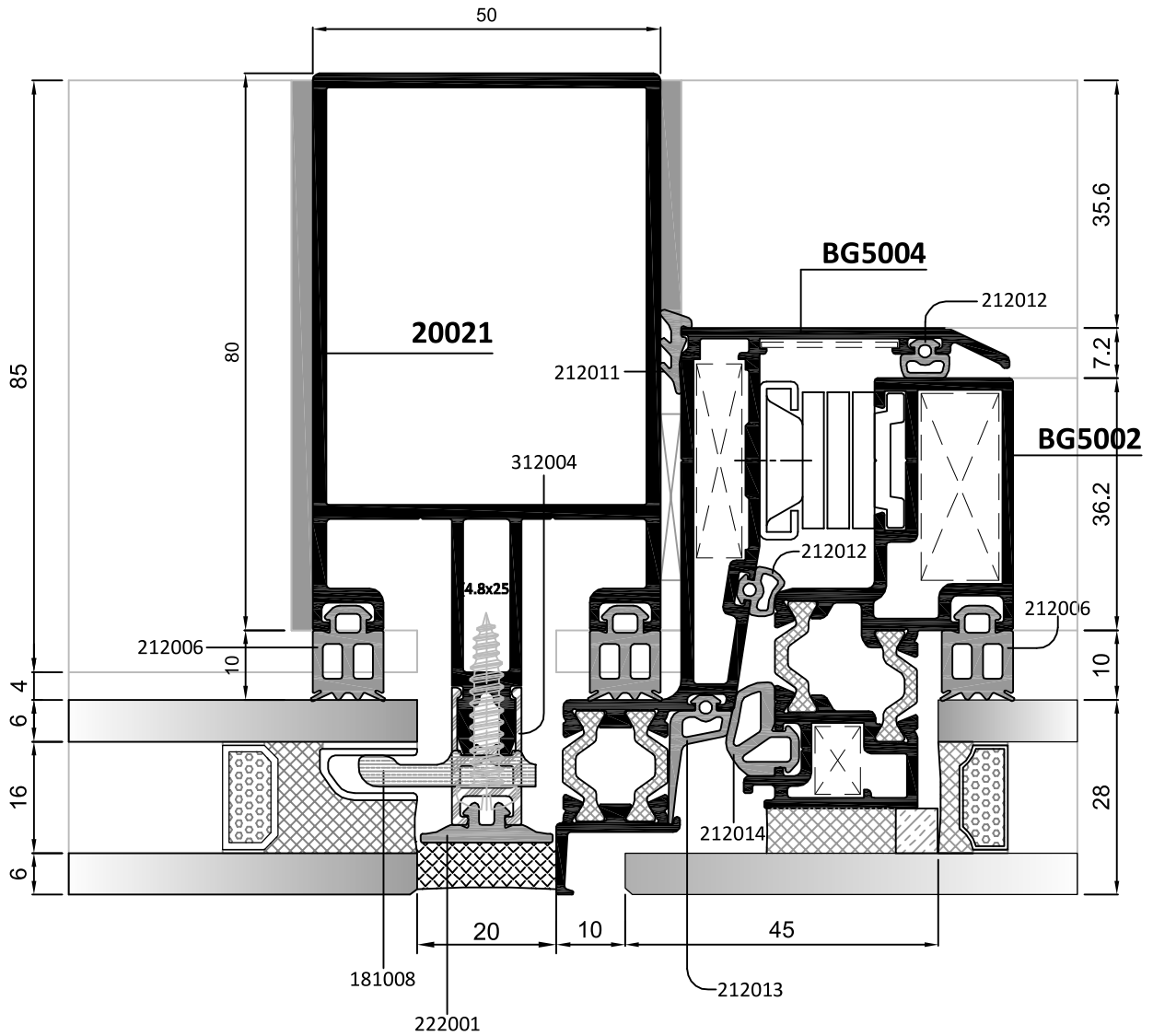
A diagram showing a 3x3 grid of cells. The leftmost column of cells is shaded with diagonal lines, representing a wall. A small black horizontal line with a vertical tick at its left end is positioned in the middle cell of the leftmost column, representing a robot.

CAM CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN FOUR SIDE



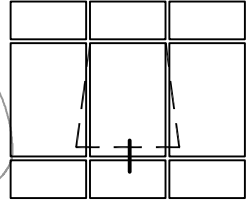
ALTERNATİF 2: 16mm ISICAM ÇITALI SİSTEM ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER

Termal Değer / Thermal Value
Uf: 2,80 W/m²K

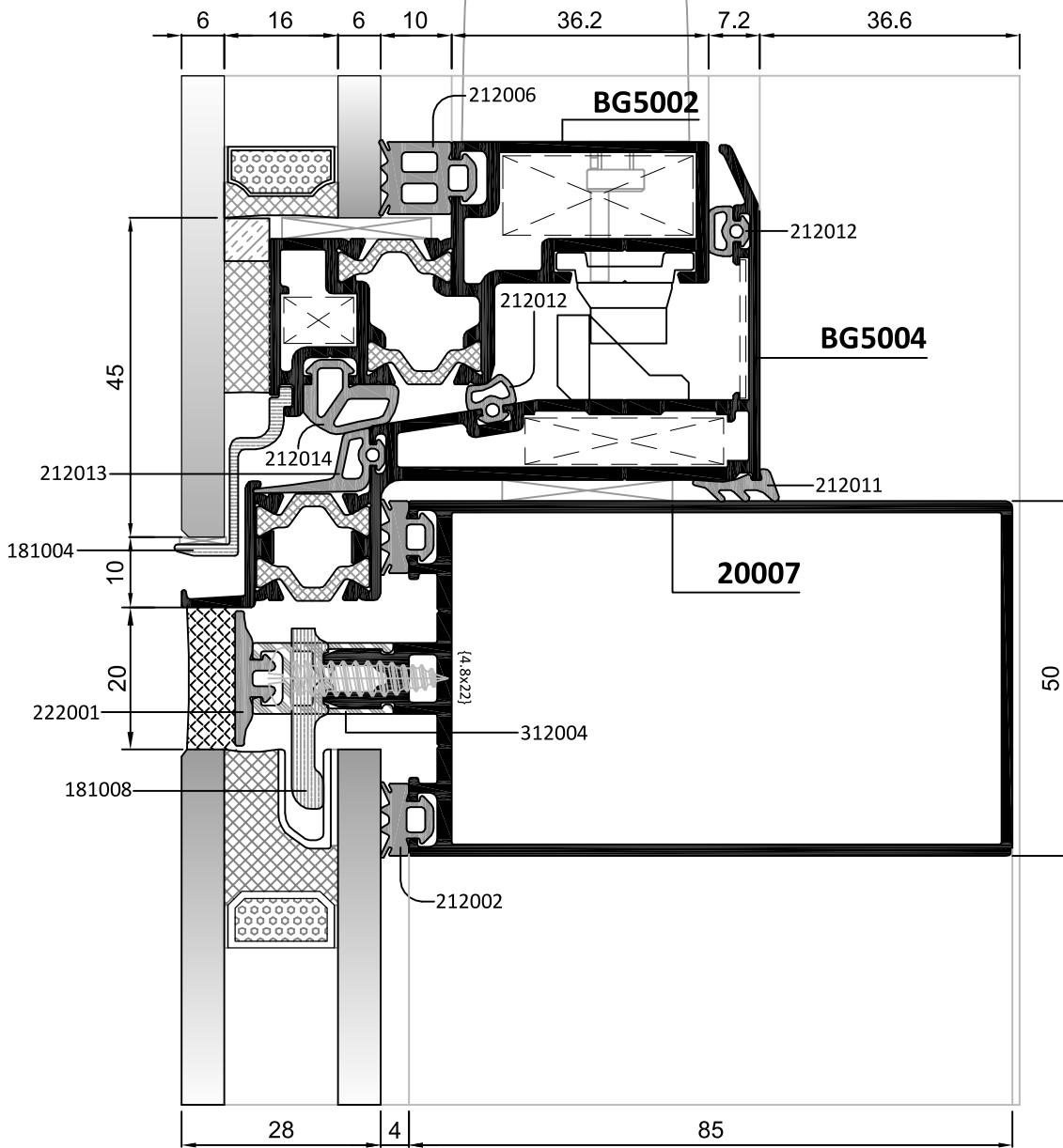


CAM CEPHEDE DIŐA AÇILIR KANAT DETAYI
TOP HUNG OUTWARD OPENING DETAIL IN FOUR SIDE

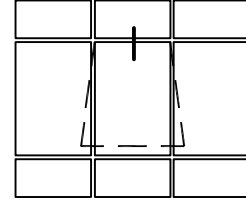
ALTERNATİF 2: 16mm ISICAM ÇİTALI SİSTEM
ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER



Termal Değer / Thermal Value
Uf: 2,85 W/m²K

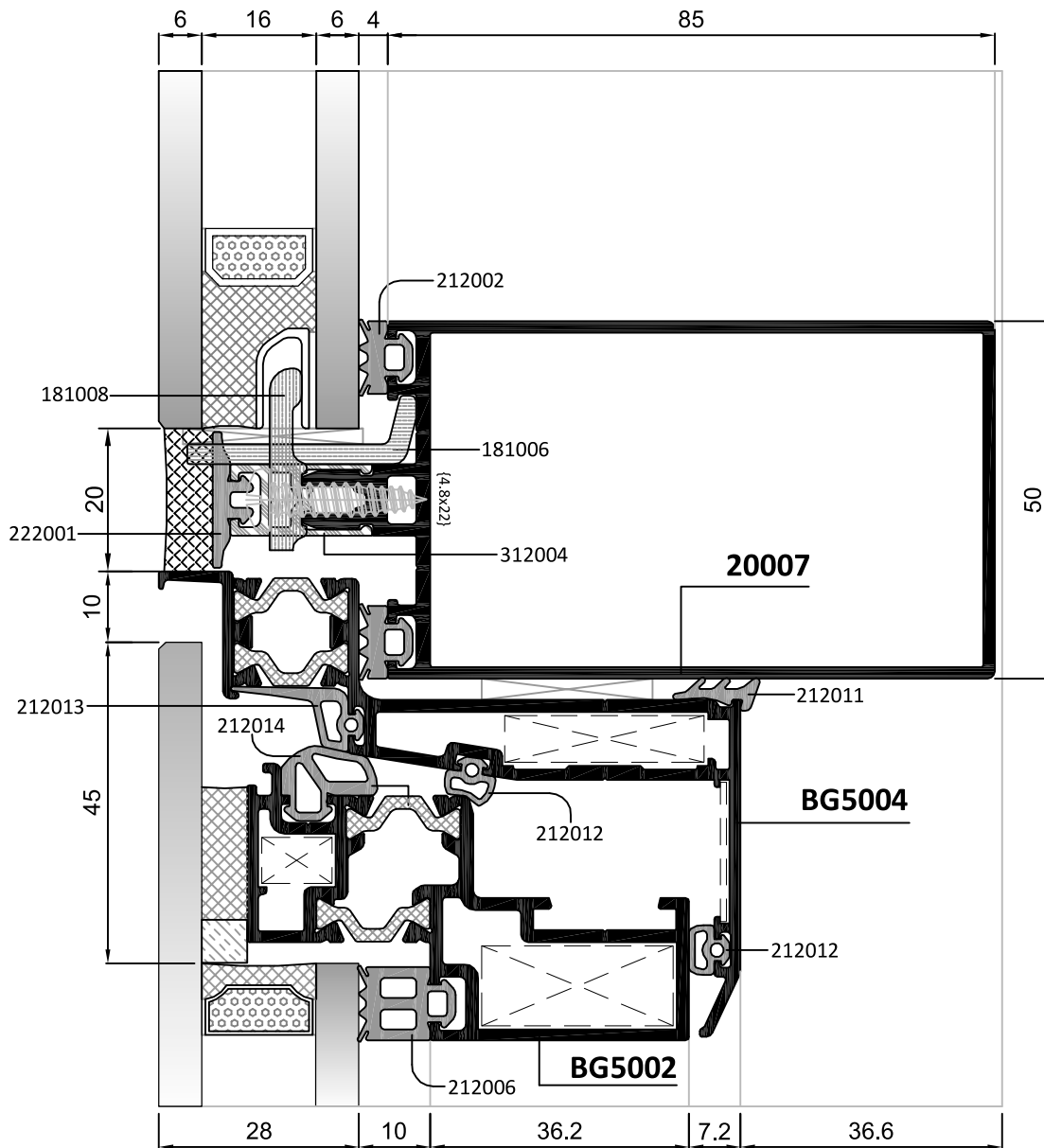


CAM CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN FOUR SIDE

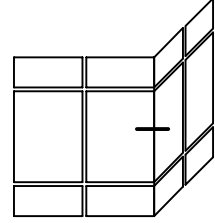


ALTERNATİF 2: 16mm ISICAM ÇİTALI SİSTEM ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER

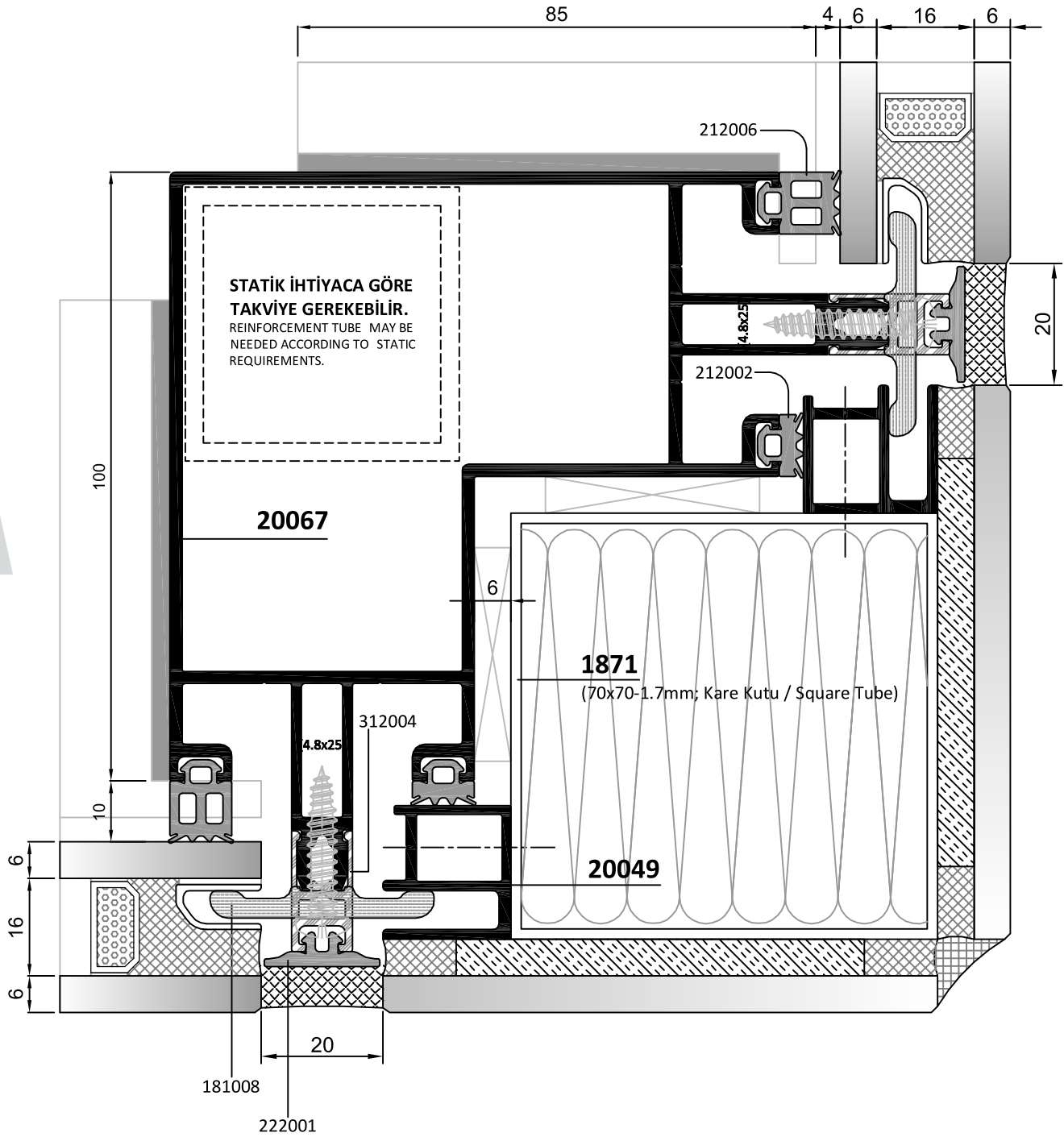
Termal Değer / Thermal Value
Uf: 2,85 W/m²K



90° DIŞ AÇILI CAM CEPHE DÜŞEY KESİT DETAYI FOUR SIDE WITH 90° EXTERNAL ANGLE VERTICAL DETAIL



ALTERNATİF 2: 16mm ISICAM ÇITALI SİSTEM ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER

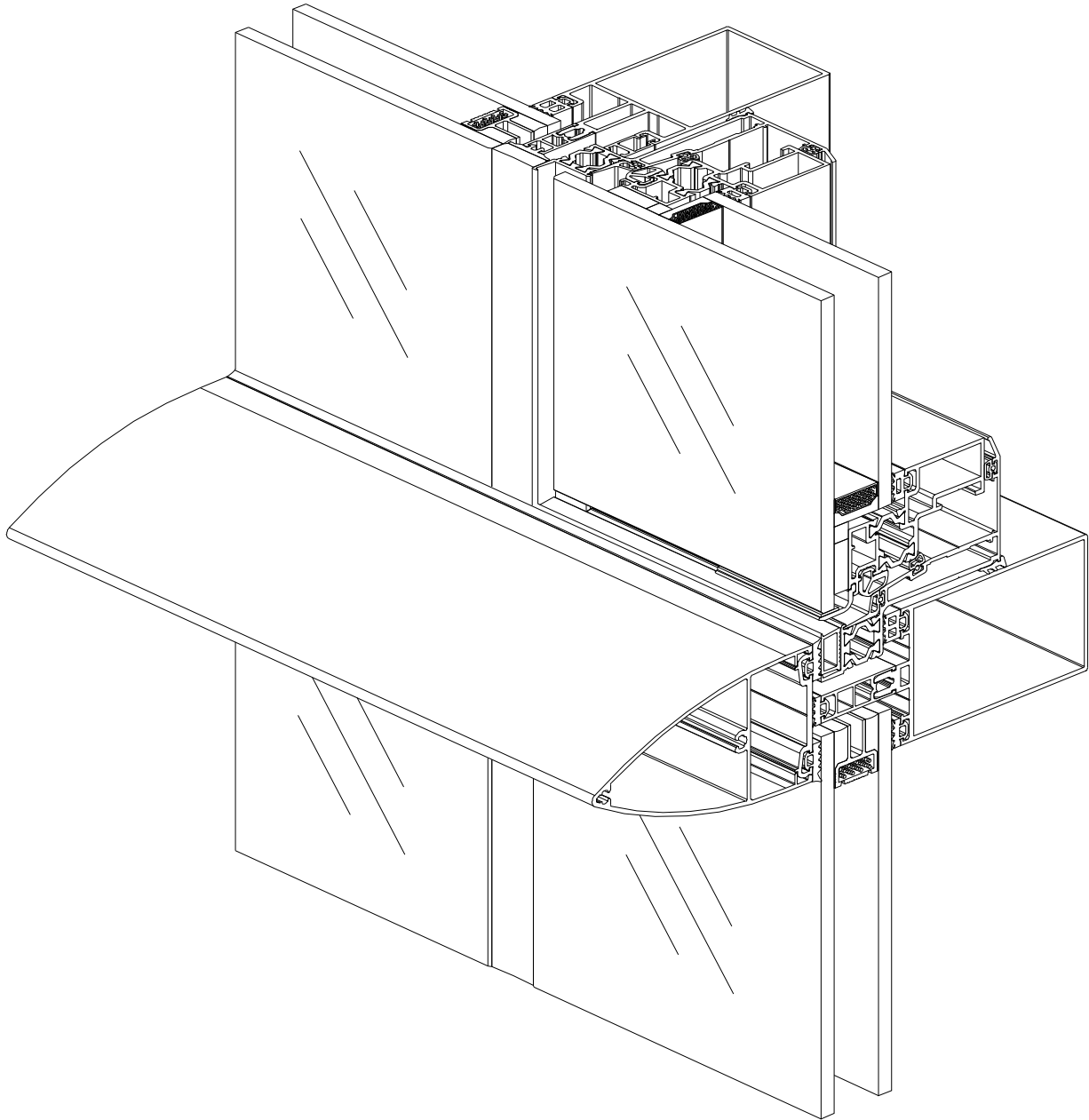


[illegible]

ÖLÇEK / SCALE: $\frac{1}{2}$

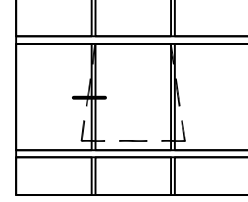
4. YARI KAPAKLI CEPHE

TWO SIDED CURTAIN WALL

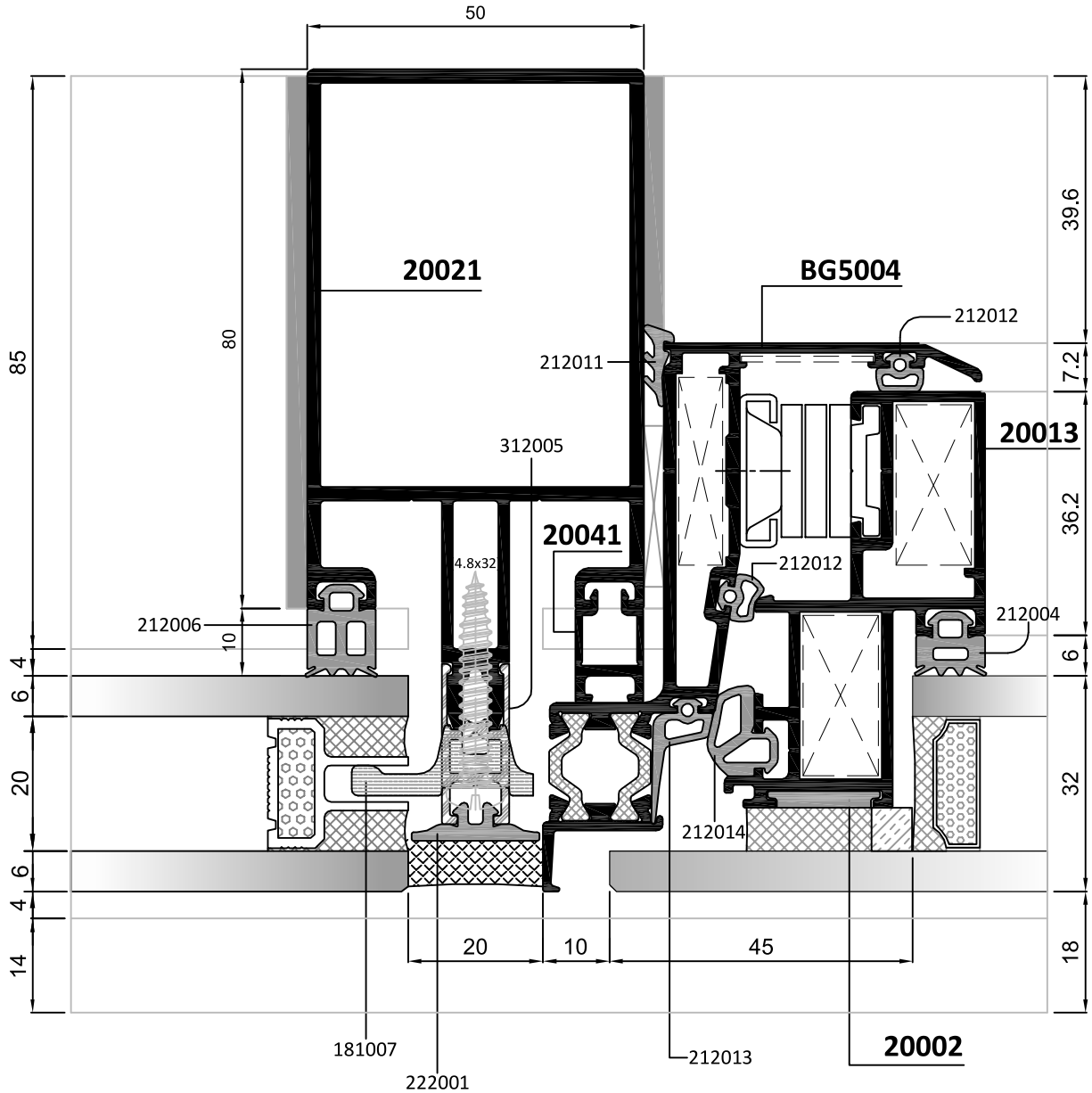


YARI KAPAKLI CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 1: 20mm ISICAM ÇITALI SİSTEM
ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



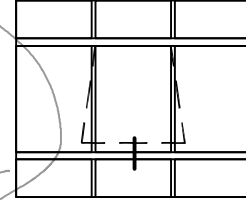
*Düşey: Silikon
Yatay: Kapaklı*



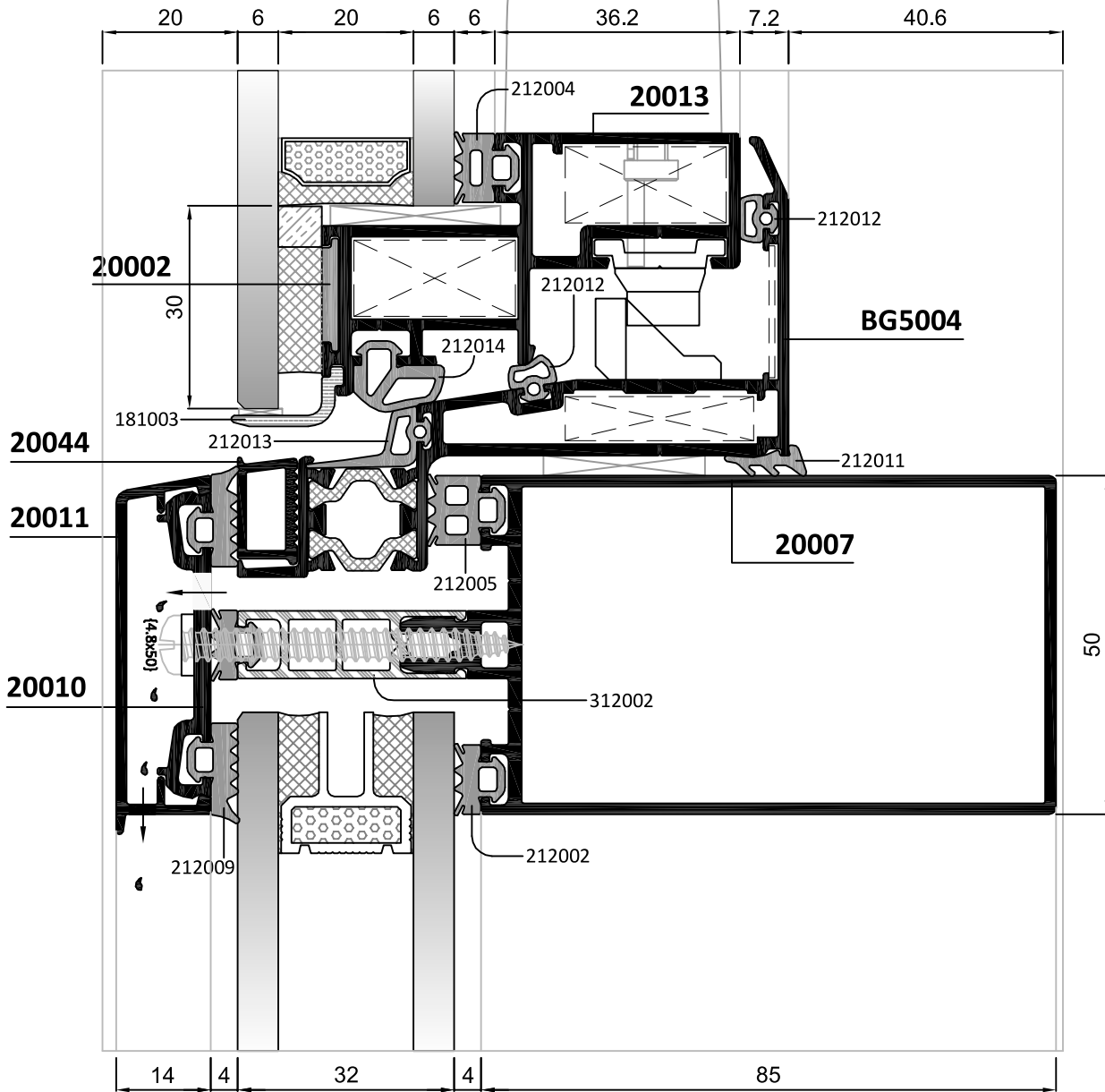
YARI KAPAKLI CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM

ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER

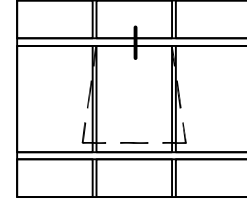


Düşey: Silikon
Yatay: Kapaklı

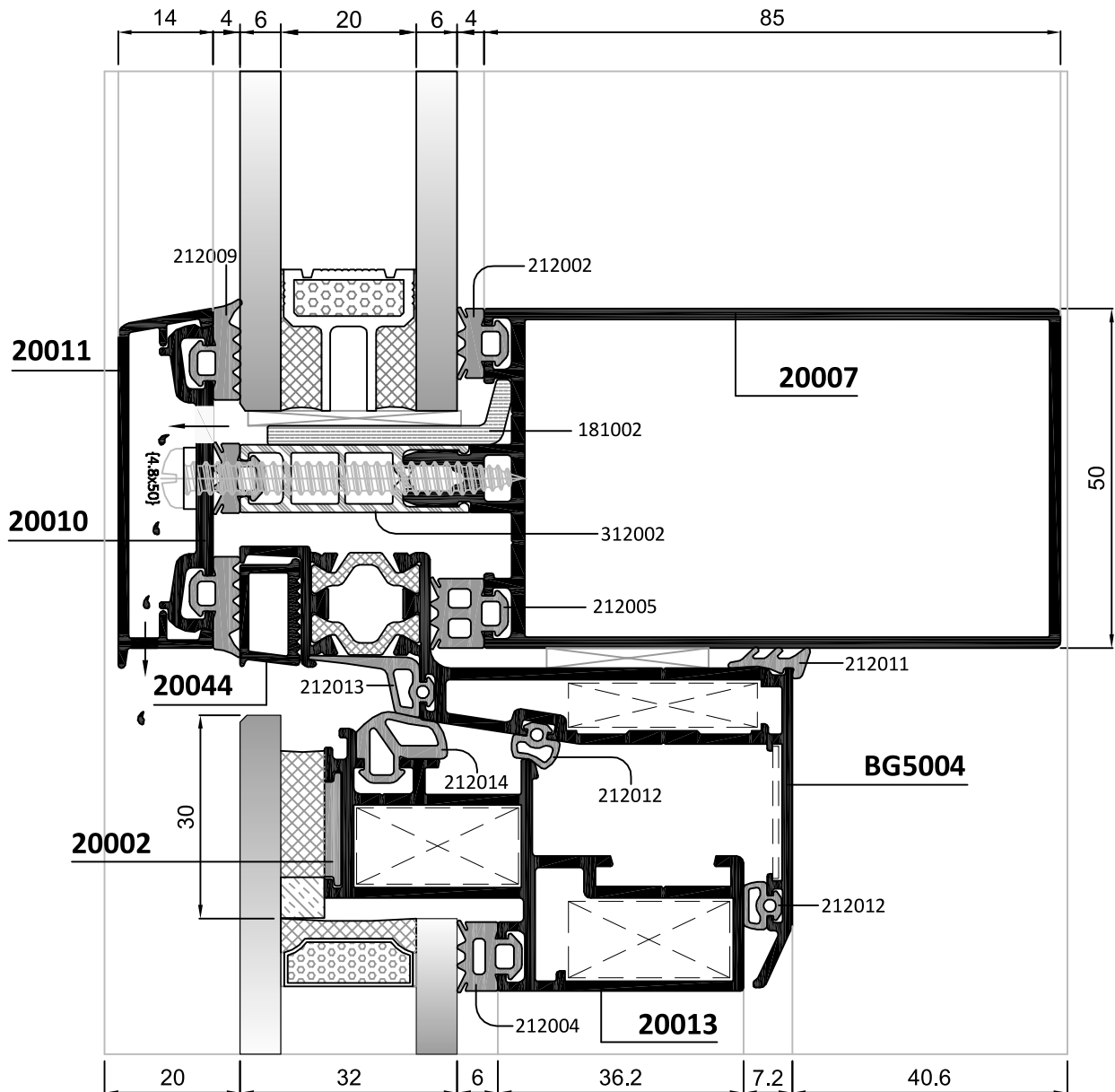


YARI KAPAKLI CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM
ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



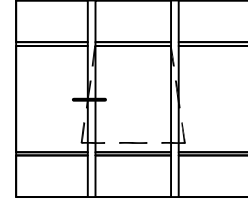
Düşey: Silikon
Yatay: Kapaklı



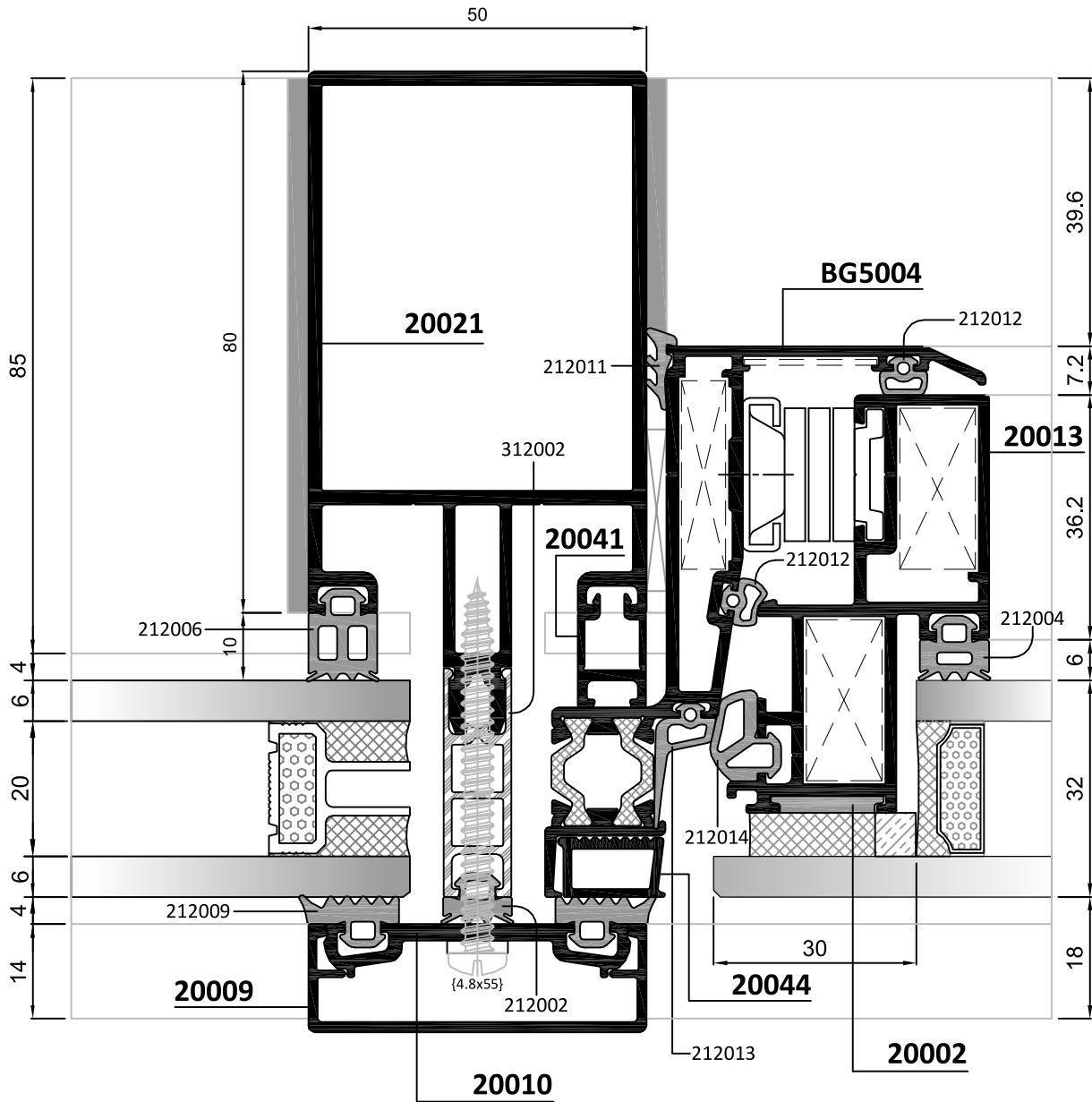
YARI KAPAKLI CEPHEDE DIŐA AÇILIR KANAT DETAYI

TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM
 ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



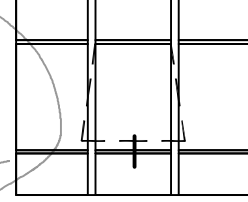
Düşey: Kapaklı
Yatay: Silikon



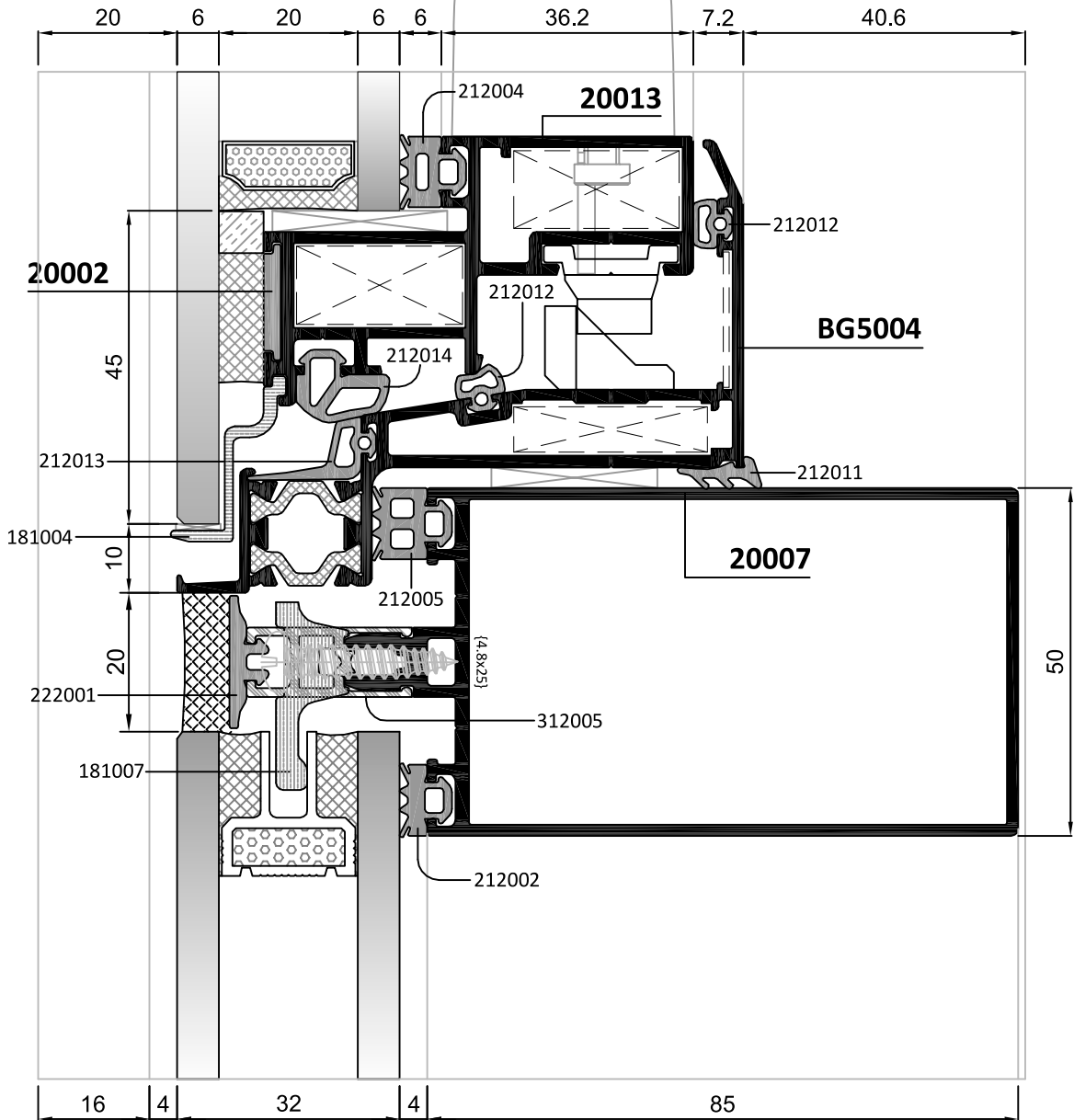
YARI KAPAKLI CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 1: 20mm ISICAM ÇİTALI SİSTEM

ALTERNATIVE 1: INSULATING GLASS SYSTEM WITH 20mm SPACER



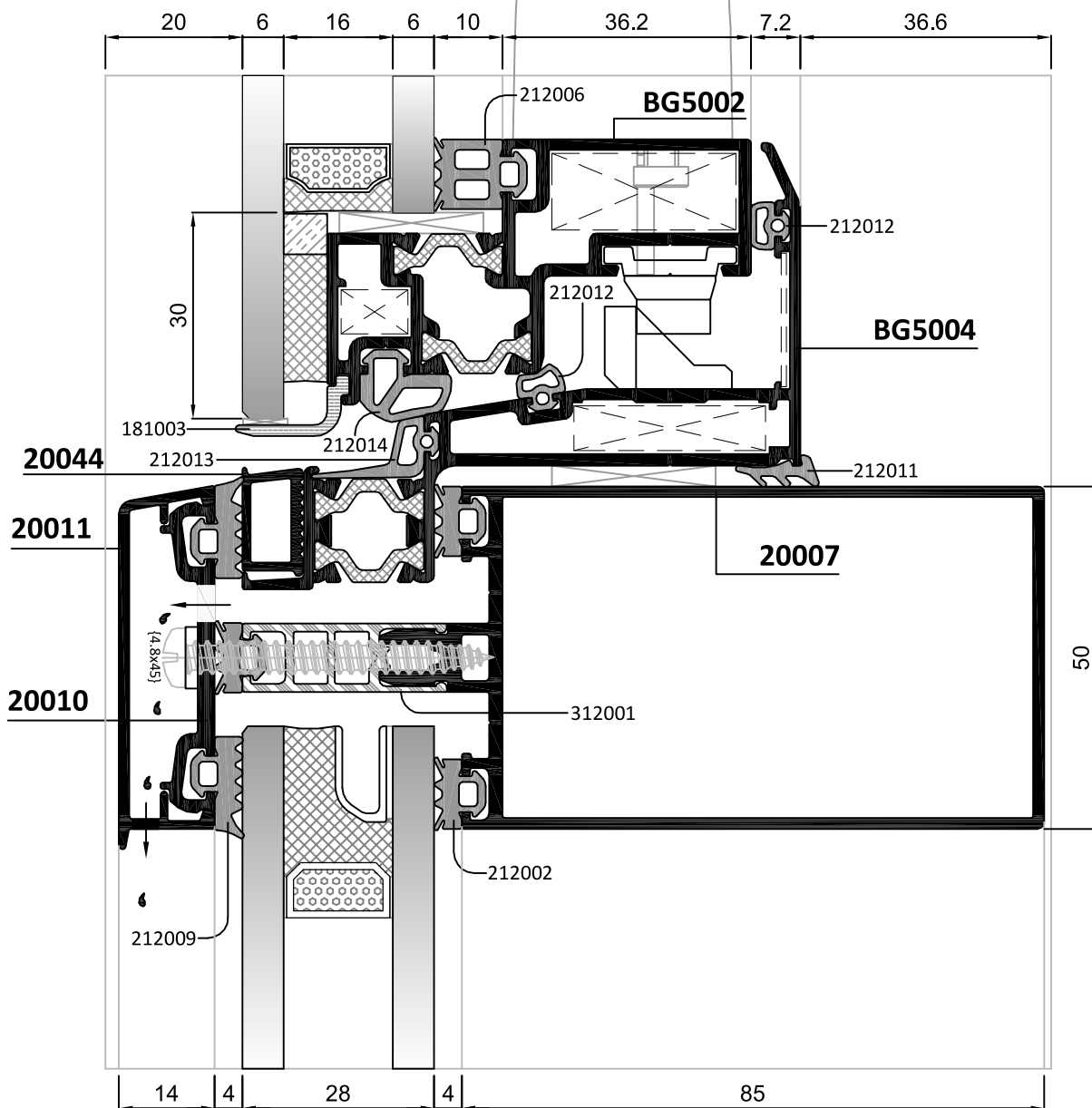
Düşey: Kapaklı
Yatay: Silikon



ALTERNATİF 2: 16mm ISICAM ÇITALI SİSTEM
ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER

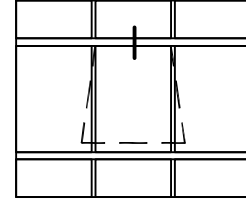


Düşey: Silikon
Yatay: Kapaklı

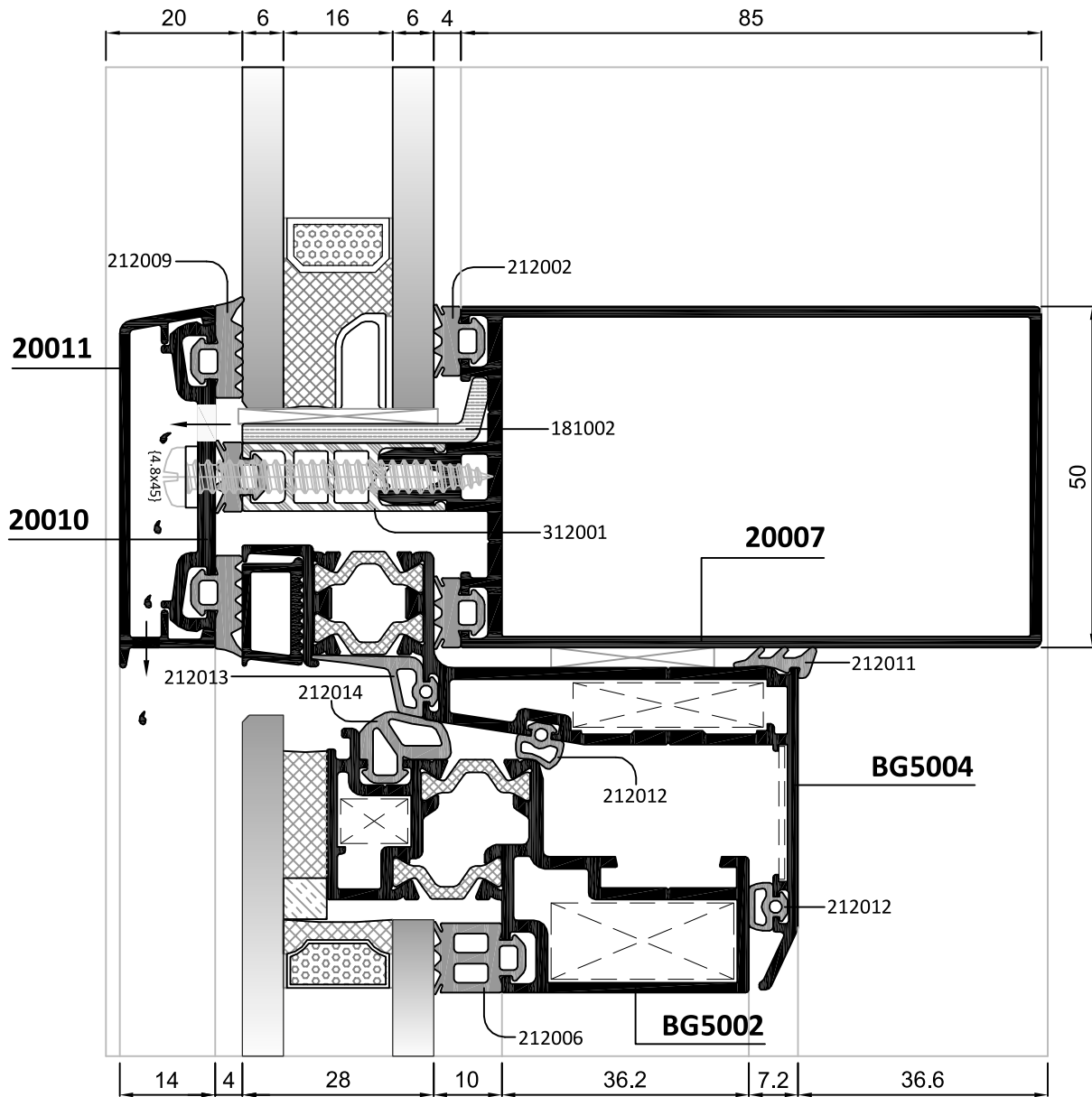


YARI KAPAKLI CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 2: 16mm ISICAM ÇITALI SİSTEM
ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER

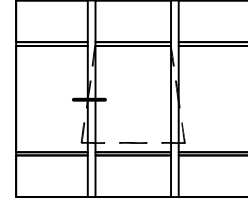


*Düsey: Silikon
Yatay: Kapaklı*

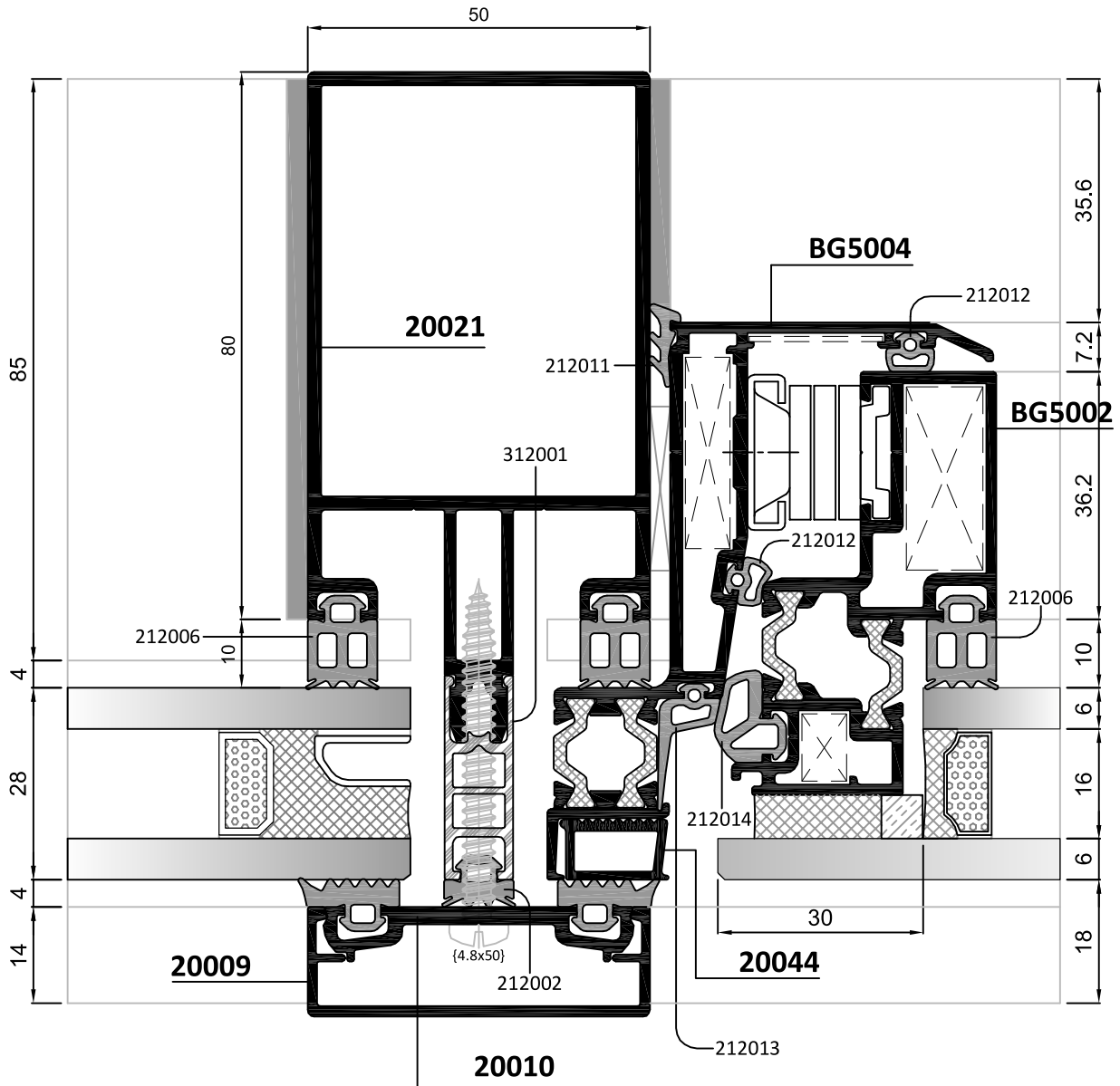


YARI KAPAKLI CEPHEDE DIŐA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 2: 16mm ISICAM ÇİTALI SİSTEM
ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER



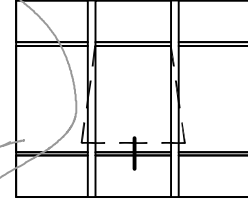
*Düşey: Kapaklı
Yatay: Silikon*



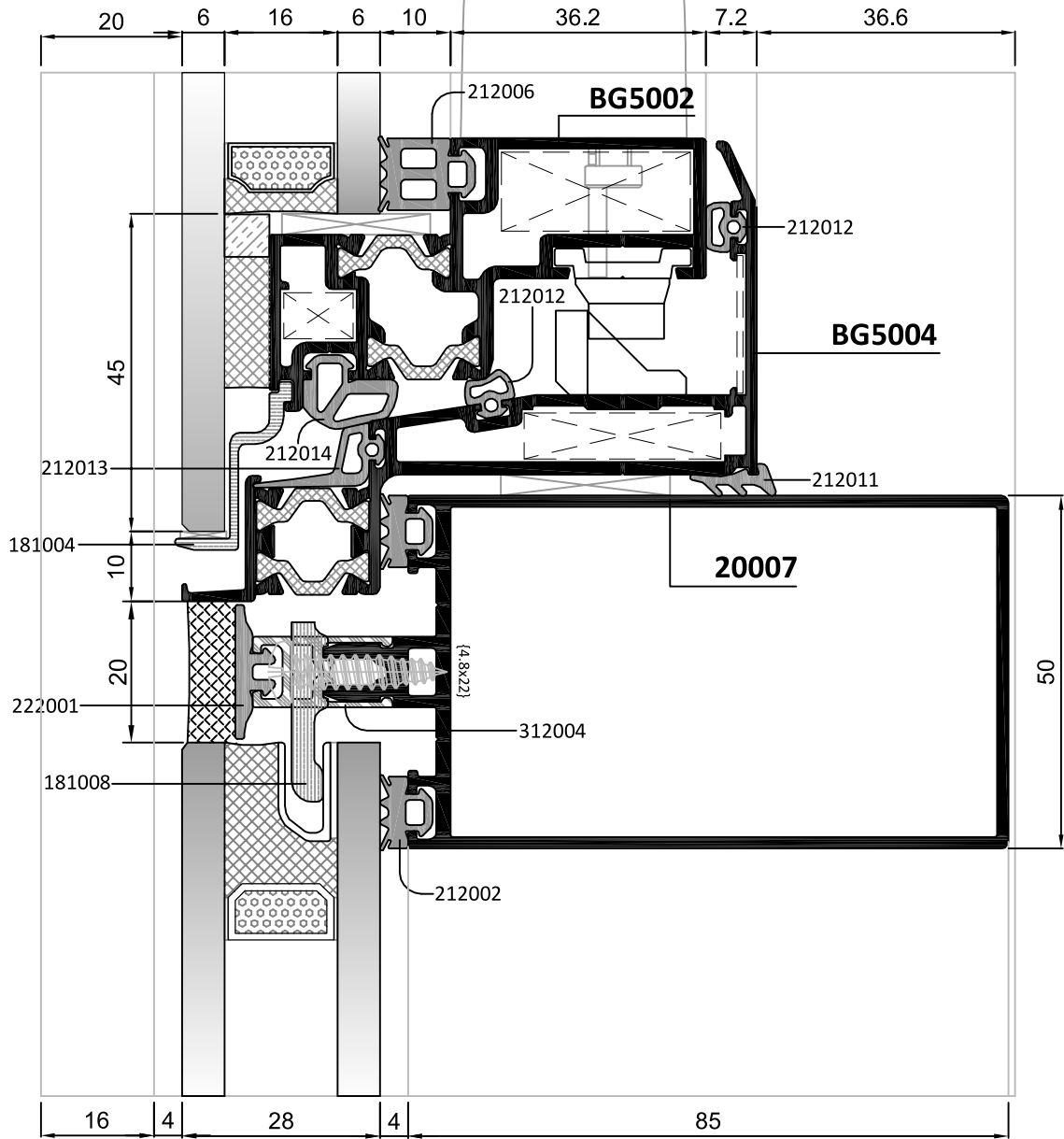
YARI KAPAKLI CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 2: 16mm ISICAM ÇITALI SİSTEM

ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER



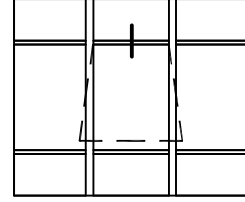
Düşey: Kapaklı
Yatay: Silikon



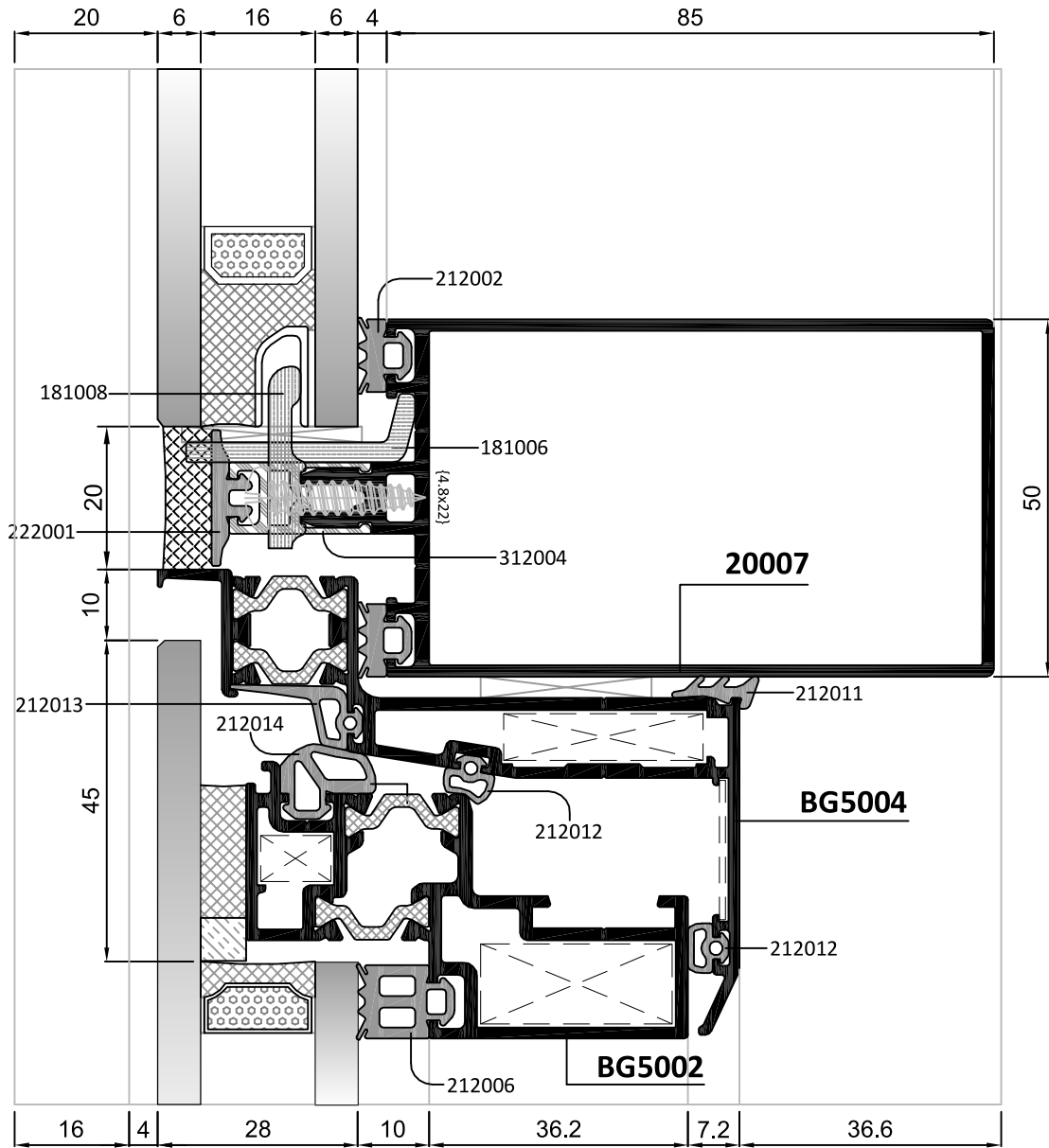
YARI KAPAKLI CEPHEDE DIŞA AÇILIR KANAT DETAYI TOP HUNG OUTWARD OPENING DETAIL IN TWO SIDE

ALTERNATİF 2: 16mm ISICAM ÇİTALI SİSTEM

ALTERNATIVE 2: INSULATING GLASS SYSTEM WITH 16mm SPACER



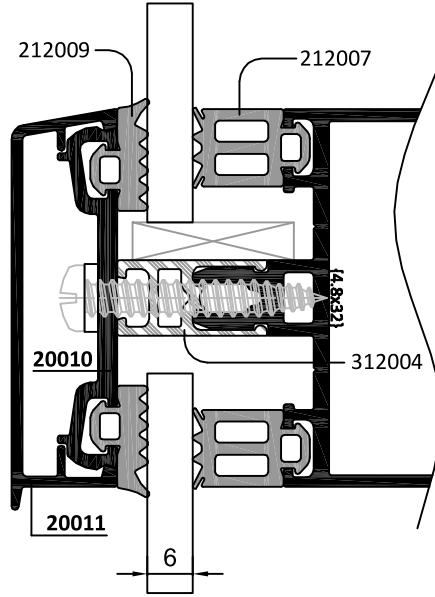
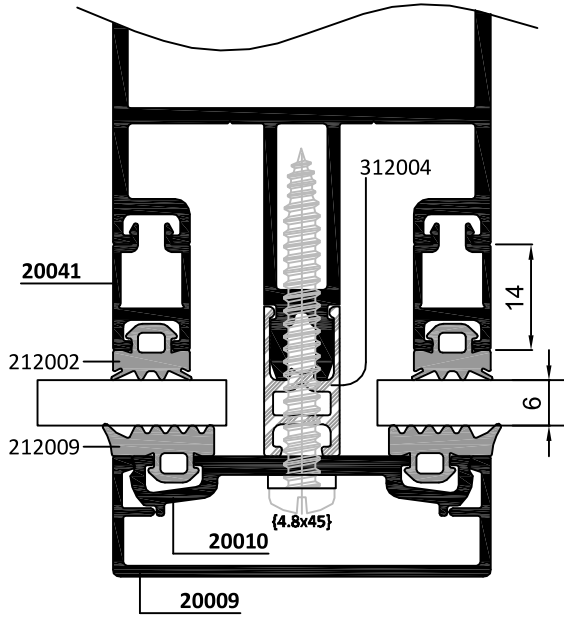
Düşey: Kapaklı
Yatay: Silikon



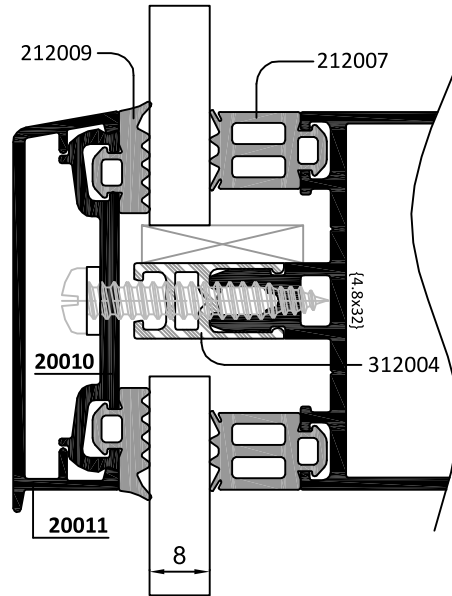
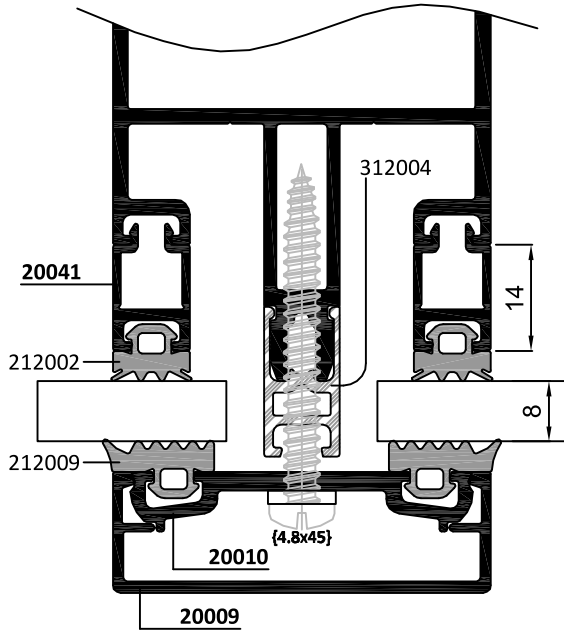
CAM KALINLIKLARINA GÖRE KAPAKLI SİSTEM DETAYLARI

CAPPED CURTAIN WALL SYSTEM DETAILS ACCORDING TO THE GLASS THICKNESSES

6mm



8mm

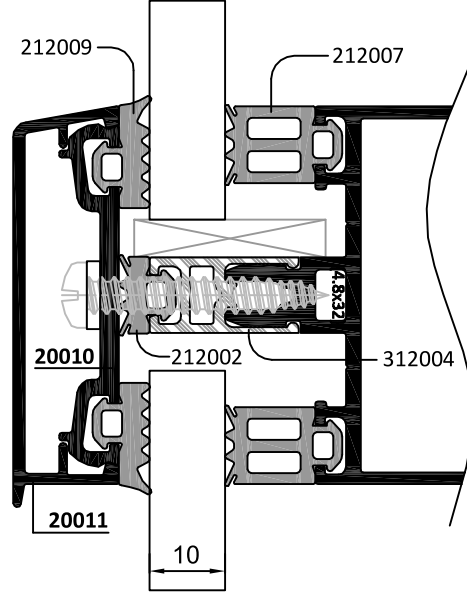
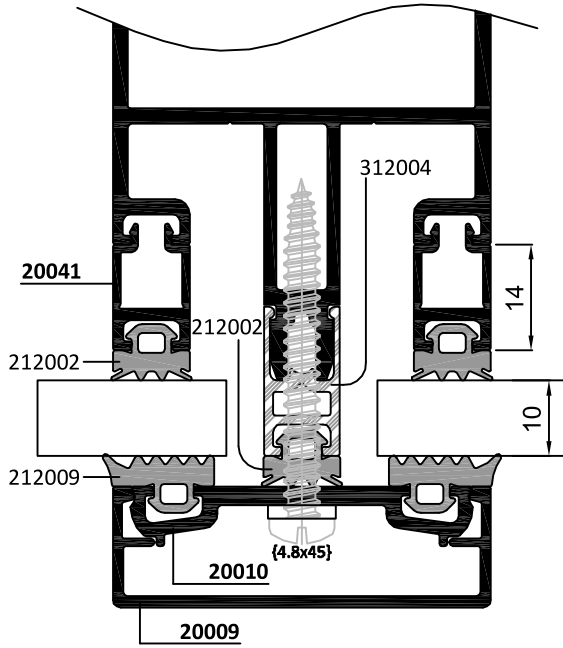


101

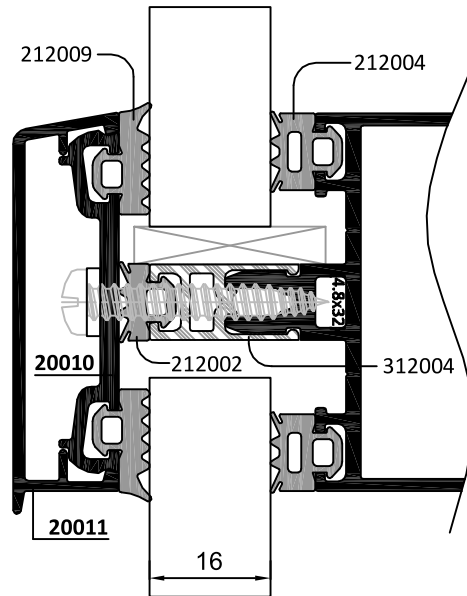
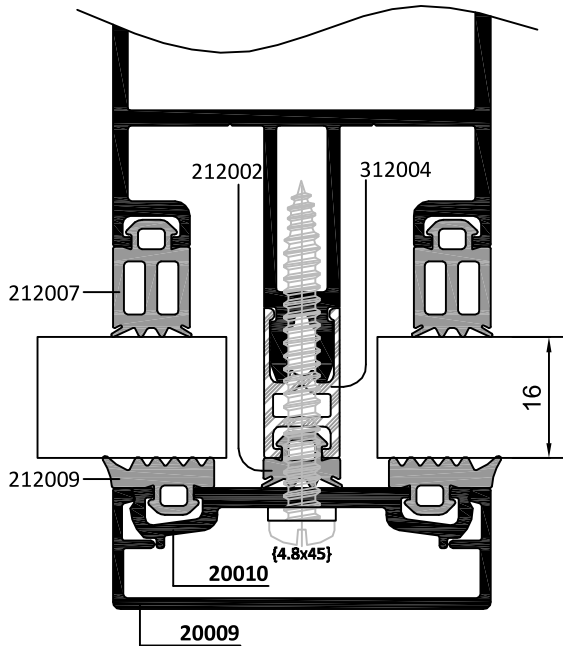
CAM KALINLIKLARINA GÖRE KAPAKLI SİSTEM DETAYLARI

CAPPED CURTAIN WALL SYSTEM DETAILS ACCORDING TO THE GLASS THICKNESSES

10mm



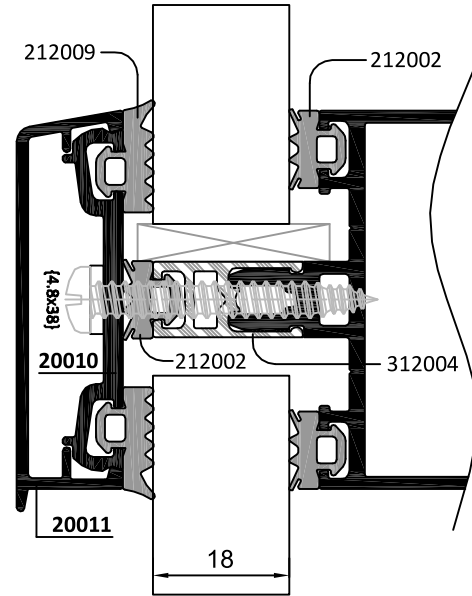
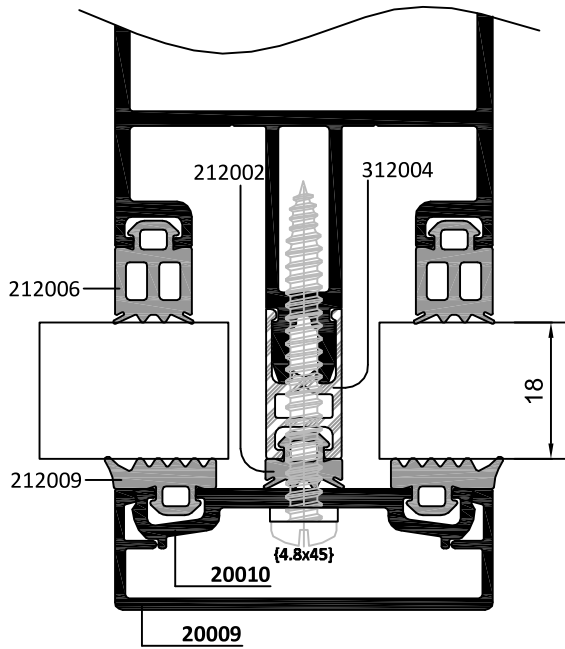
16mm



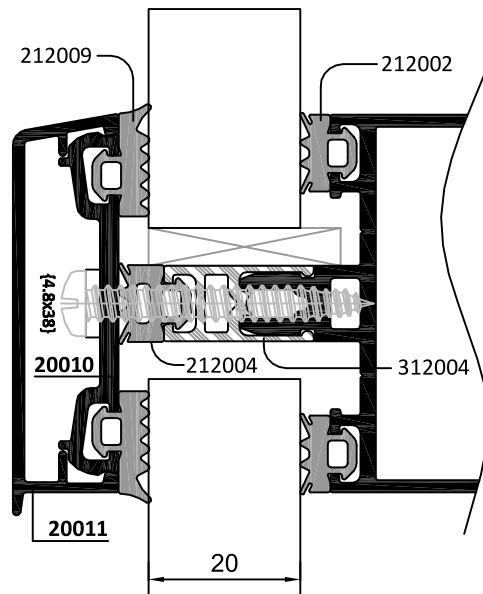
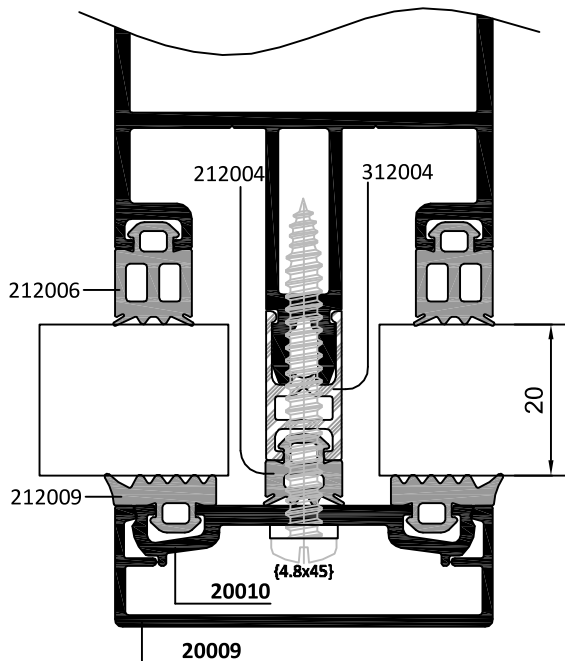
CAM KALINLIKLARINA GÖRE KAPAKLI SİSTEM DETAYLARI

CAPPED CURTAIN WALL SYSTEM DETAILS ACCORDING TO THE GLASS THICKNESSES

18mm

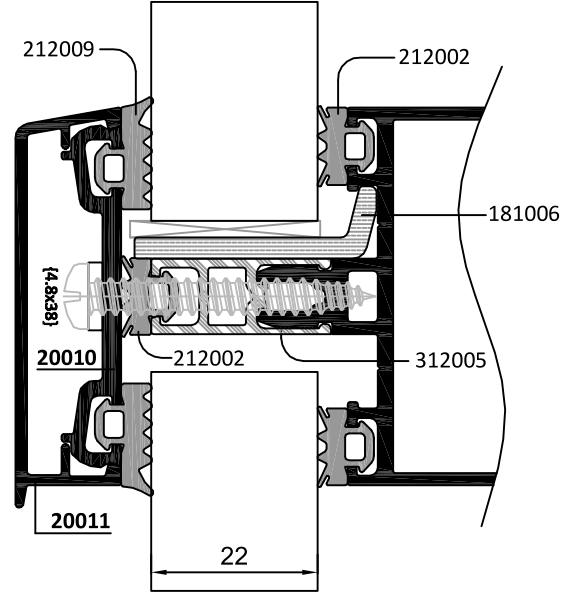
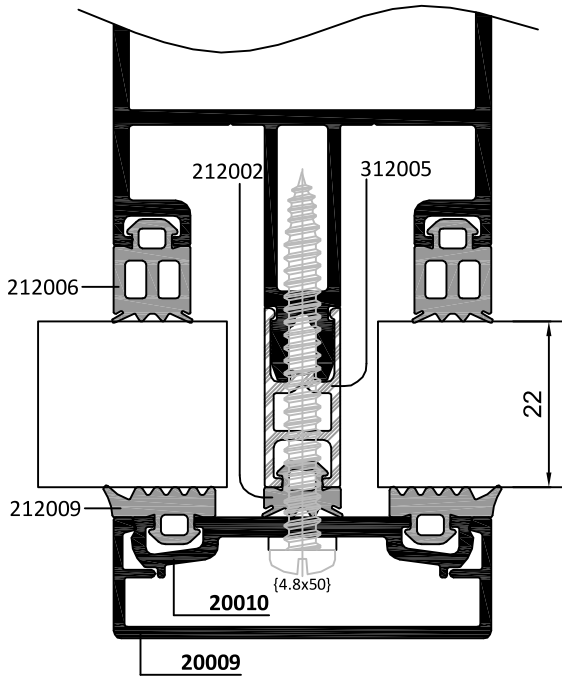
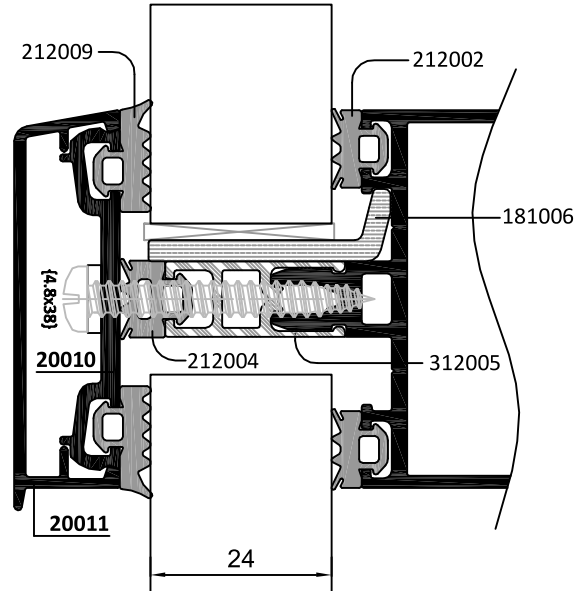
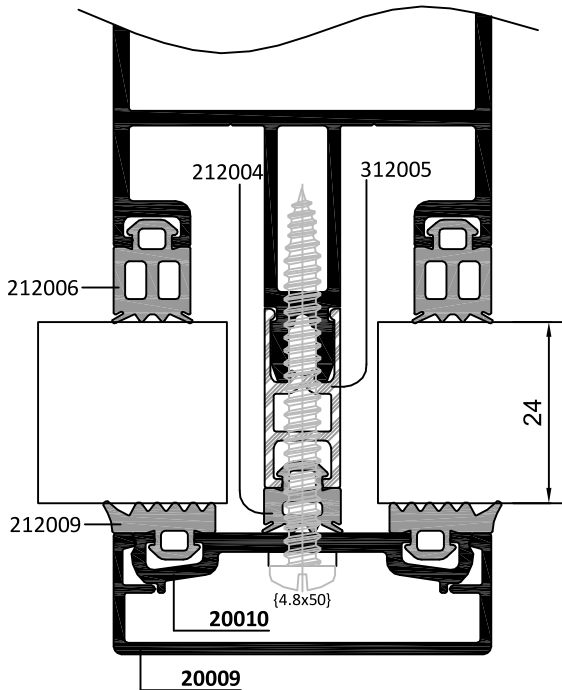


20mm



CAM KALINLIKLARINA GÖRE KAPAKLI SİSTEM DETAYLARI

CAPPED CURTAIN WALL SYSTEM DETAILS ACCORDING TO THE GLASS THICKNESSES

22mm

24mm


**** 24mm cam kalınlığının altında açılır kanat uygulaması yapılamaz.**

**** Opening vent application is not possible under the glass thickness of 24mm.**

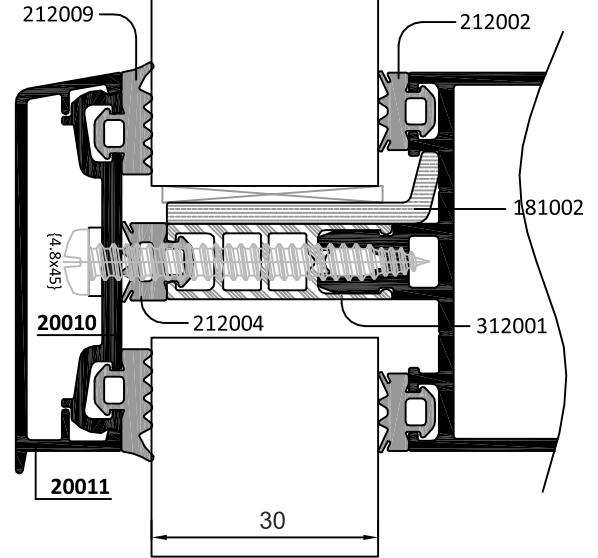
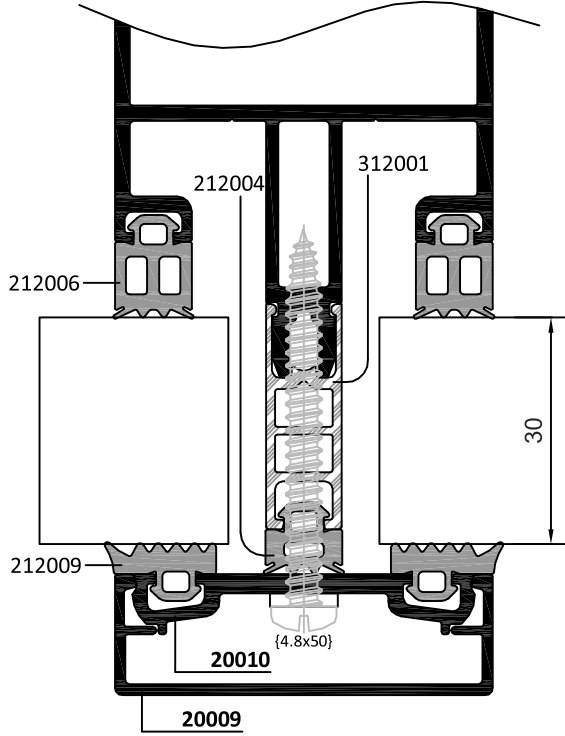
CAPPED CURTAIN WALL SYSTEM DETAILS ACCORDING TO THE GLASS THICKNESSES

[illegible][illegible]

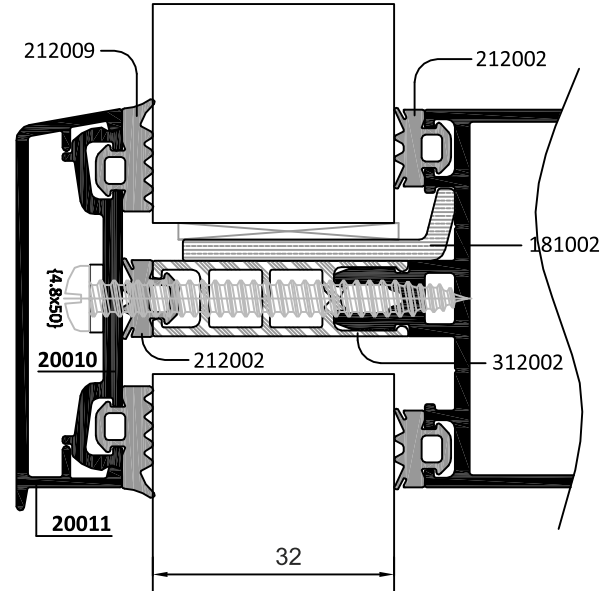
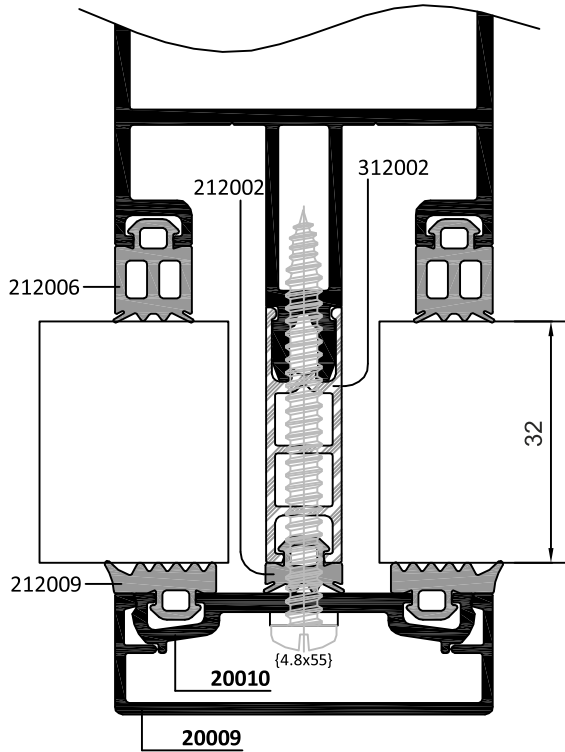
CAM KALINLIKLARINA GÖRE KAPAKLI SİSTEM DETAYLARI

CAPPED CURTAIN WALL SYSTEM DETAILS ACCORDING TO THE GLASS THICKNESSES

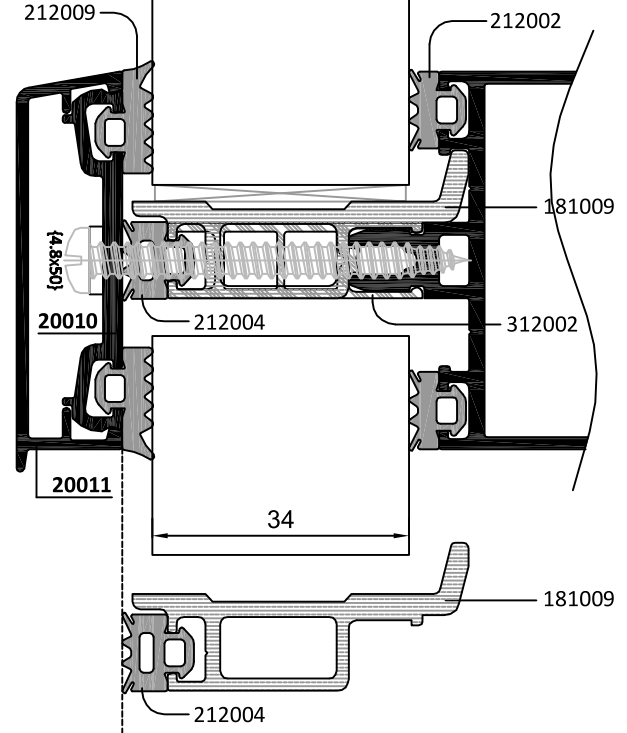
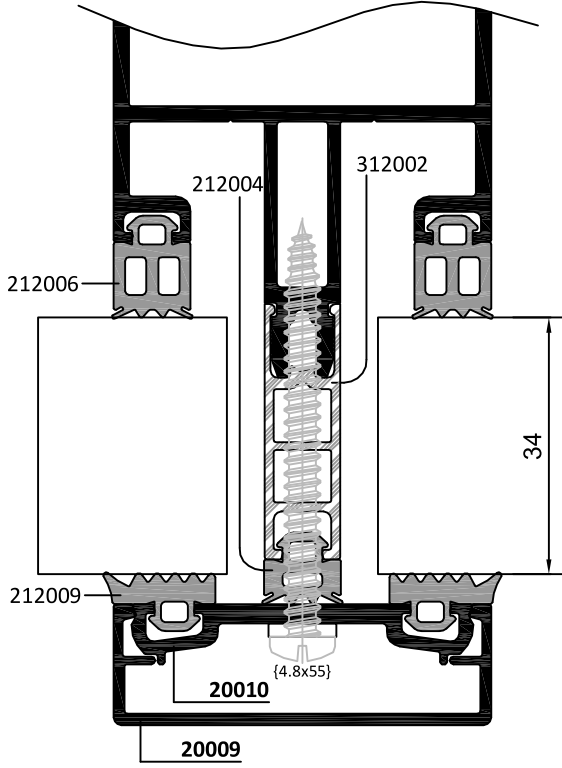
30mm



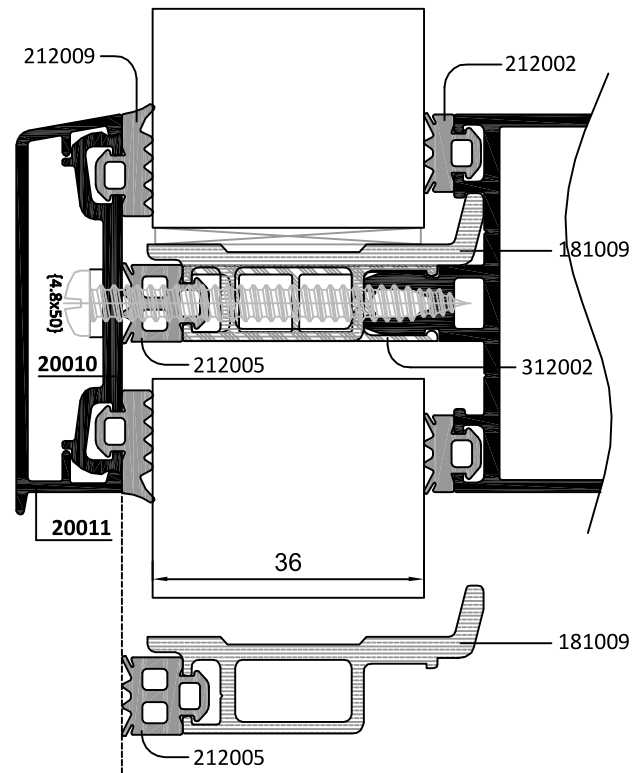
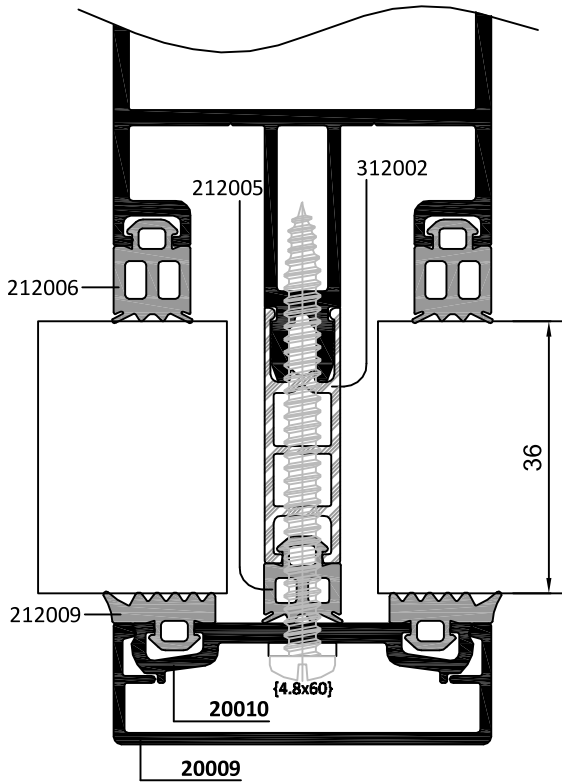
32mm

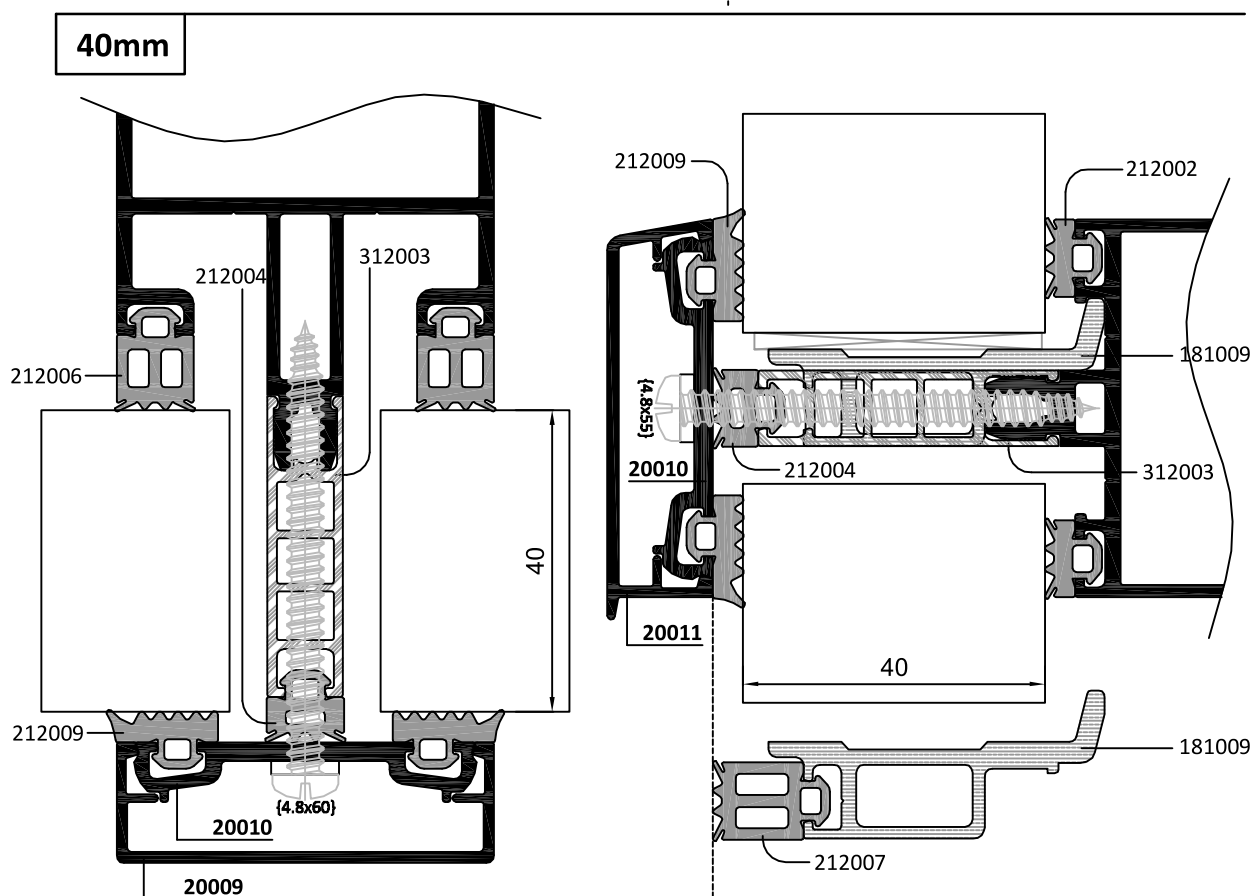
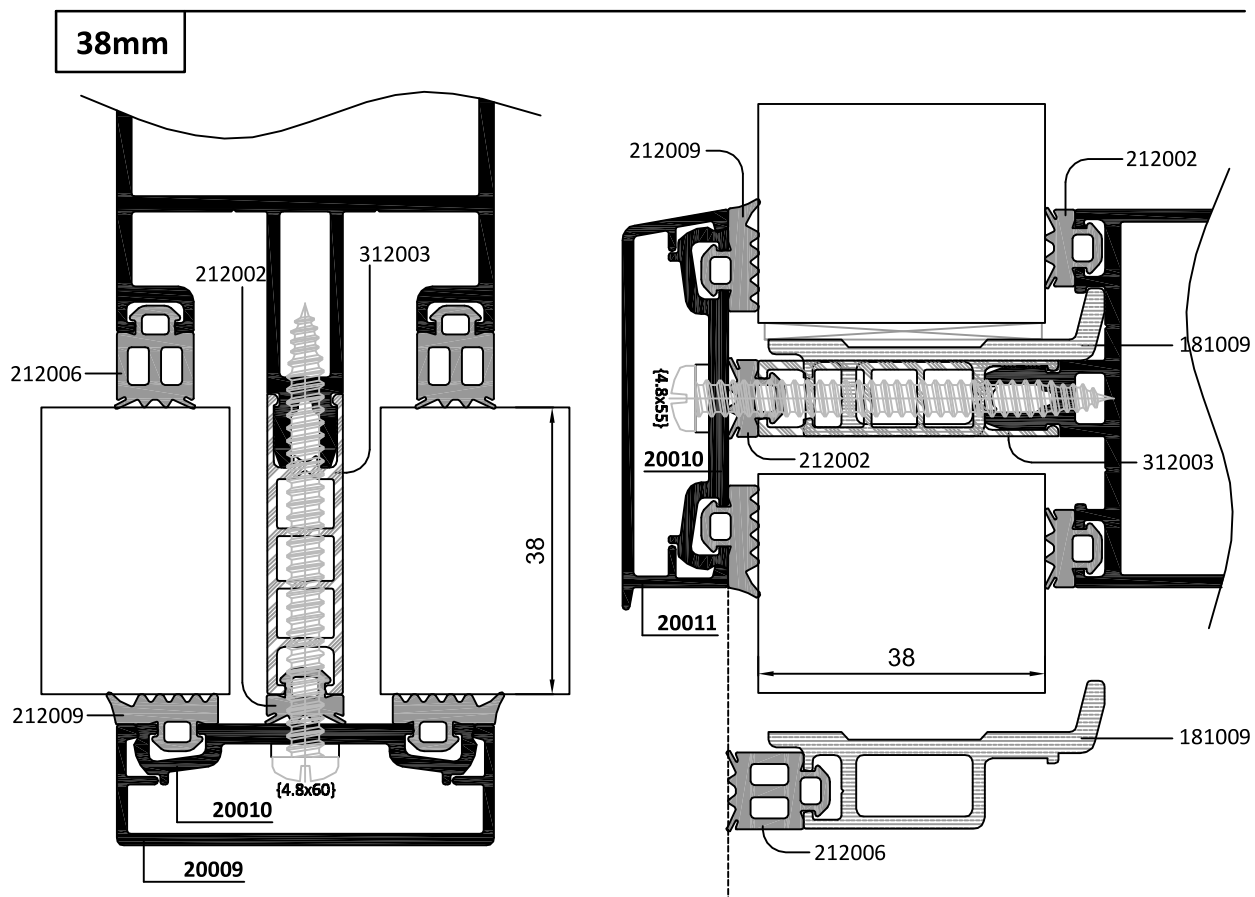


34mm



36mm





AKSESUARLAR

ACCESSORIES

109

1. EPDM FİTİLLER / EPDM GASKETS
2. KÖŞE TAKOZLARI / CORNER CLEATS
3. MAKASLAR / FRICTION STAYS
4. KİLİTLEME PARÇALARI / LOCKING PIECES
5. ISI BARIYERLERİ / INSULATION BARS
6. KOLLAR / HANDLES
7. MEKANİZMALAR / MECHANISMS



AKSESUAR FİHRİSTİ / ACCESSORY INDEX

ÜRÜN KODU PRODUCT CODE	ÜRÜN ADI PRODUCT NAME	SAYFA NO PAGE NO
111001	KÖŞE TAKOZU 7,2 mm-20003 / CORNER CLEAT	117
111002	KÖŞE TAKOZU 11 mm-20003 / CORNER CLEAT	117
111003	KÖŞE TAKOZU 14,5 mm-20003 / CORNER CLEAT	117
111004	KÖŞE TAKOZU 24,5 mm-20003 / CORNER CLEAT	117
111005	KÖŞE TAKOZU 27,5 mm-20003 / CORNER CLEAT	117
111006	KÖŞE TAKOZU 32 mm-20003 / CORNER CLEAT	117
111007	KÖŞE TAKOZU 36,2 mm-20003 / CORNER CLEAT	117
111008	KÖŞE TAKOZU 17 mm-20008 / CORNER CLEAT	117
111009	KÖŞE TAKOZU 19,2 mm-20008 / CORNER CLEAT	118
111010	KÖŞE TAKOZU 21 mm-20008 / CORNER CLEAT	118
111011	KÖŞE TAKOZU 23,2 mm-20008 / CORNER CLEAT	118
111012	KÖŞE TAKOZU 28,5 mm-20008 / CORNER CLEAT	118
111013	KÖŞE TAKOZU 10,5 mm-20008 / CORNER CLEAT	118
151001	U BAĞLANTI 46,5 mm-20004 / U CONNECTION	131
151002	U BAĞLANTI 76,5 mm-20004 / U CONNECTION	131
151003	U BAĞLANTI 96,5 mm-20004 / U CONNECTION	131
151004	U BAĞLANTI 116,5 mm-20004 / U CONNECTION	131
151005	U BAĞLANTI 136,5 mm-20004 / U CONNECTION	131
151006	U BAĞLANTI 156,5 mm-20004 / U CONNECTION	131
151007	U BAĞLANTI 176 mm-20004 / U CONNECTION	131
162001	KÖŞE ÇAVUŞU 20,1 mm / CORNER ALIGNMENT	118
171001	DİLASYON BAĞLANTISI 26,5 mm-20079 / DILATATION CONNECTION	129
171002	DİLASYON BAĞLANTISI 56 mm-20079 / DILATATION CONNECTION	129
171003	DİLASYON BAĞLANTISI 76 mm-20079 / DILATATION CONNECTION	129
171004	DİLASYON BAĞLANTISI 96 mm-20079 / DILATATION CONNECTION	129
171005	DİLASYON BAĞLANTISI 116 mm-20079 / DILATATION CONNECTION	129
171006	DİLASYON BAĞLANTISI 135 mm-20079 / DILATATION CONNECTION	129
171007	DİLASYON BAĞLANTISI 154 mm-20079 / DILATATION CONNECTION	129
181001	KASET SABİTLEME PARÇASI 50 mm-20001 / FIXING PIECE FOR STRUCTURAL CELLS	138
181002	CAM ALTI DESTEK PARÇASI - 2 / GLAZING SUPPORT - 2	133
181003	KANAT CAM ALTI DESTEK PARÇASI - 1 / GLAZING SUPPORT FOR VENT - 1	135
181004	KANAT CAM ALTI DESTEK PARÇASI - 2 / GLAZING SUPPORT FOR VENT - 2	135
181005	KASET CAM ALTI DESTEK PARÇASI / GLAZING SUPPORT FOR STRUCTURAL CELLS	139
181006	CAM ALTI DESTEK PARÇASI - 1 / GLAZING SUPPORT - 1	133
181007	CAM ARASI KİLİTLEME PARÇASI - 1 / FOURSIDE LOCKING PIECE - 1	137
181008	CAM ARASI KİLİTLEME PARÇASI - 2 / FOURSIDE LOCKING PIECE - 2	138

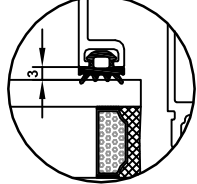
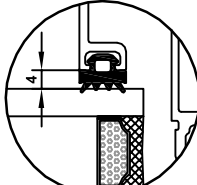
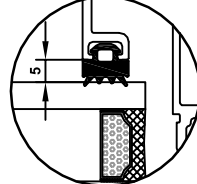
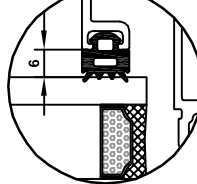
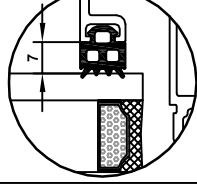
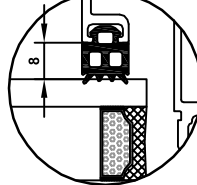
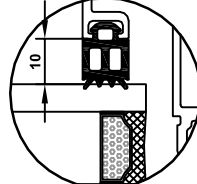
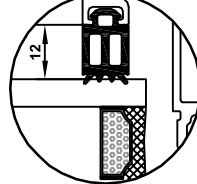
AKSESUAR FİHRİSTİ / ACCESSORY INDEX

ÜRÜN KODU PRODUCT CODE	ÜRÜN ADI PRODUCT NAME	SAYFA NO PAGE NO
181009	CAM ALTI DESTEK PARÇASI - 3 / GLAZING SUPPORT - 3	134
182001	CAM ÇITASI KÖŞE BİRLEŞTİRME PARÇASI / CORNER CONNECTION PIECE FOR GLAZING STRIP	127
212001	İÇ BİNİ FİTİLİ 3 mm / INNER STEP GASKET	114
212002	İÇ BİNİ FİTİLİ 4 mm / INNER STEP GASKET	114
212003	İÇ BİNİ FİTİLİ 5 mm / INNER STEP GASKET	114
212004	İÇ BİNİ FİTİLİ 6 mm / INNER STEP GASKET	114
212005	İÇ BİNİ FİTİLİ 8 mm / INNER STEP GASKET	114
212006	İÇ BİNİ FİTİLİ 10 mm / INNER STEP GASKET	114
212007	İÇ BİNİ FİTİLİ 12 mm / INNER STEP GASKET	114
212008	ORTA BİNİ FİTİLİ / CENTRAL GASKET	115
212009	DIŞ BİNİ FİTİLİ 5 mm / OUTER STEP GASKET	115
212010	TOZLUK FİTİLİ TİP 1 / OUTER GASKET FOR VENT PROFILE (TYPE 1)	115
212011	KASA DESTEK FİTİLİ 3 mm / SUPPORT GASKET FOR FRAME	115
212012	İÇ BİNİ FİTİLİ 3,5 mm / INNER STEP GASKET	115
212013	KANAT DESTEK FİTİLİ 3 mm / SUPPORT GASKET FOR VENT	115
212014	KANAT DIŞ BİNİ FİTİLİ 5 mm / OUTER STEP GASKET FOR VENT	115
212015	İÇ BİNİ FİTİLİ 7 mm / INNER STEP GASKET	114
212016	KULAKLI İÇ FİTİL 10 mm / INNER STEP GASKET WITH LUG	115
212017	TOZLUK FİTİLİ TİP 2 / OUTER GASKET FOR VENT PROFILE (TYPE 2)	116
212018	AÇILI BASKI FİTİLİ / ANGULAR GASKET	116
222001	SİLİKON DERZ FİTİLİ / OUTER SILICON CENTRAL GASKET	116
242001	YATAY KAYIT CONTASI 50 mm / U CONNECTION PLUG	130
242002	YATAY KAYIT CONTASI 80 mm / U CONNECTION PLUG	130
242003	YATAY KAYIT CONTASI 100 mm / U CONNECTION PLUG	130
242004	YATAY KAYIT CONTASI 120 mm / U CONNECTION PLUG	130
242005	YATAY KAYIT CONTASI 140 mm / U CONNECTION PLUG	130
242006	YATAY KAYIT CONTASI 160 mm / U CONNECTION PLUG	130
242007	YATAY KAYIT CONTASI 180 mm / U CONNECTION PLUG	130
242008	YATAY KAYIT CONTASI 200 mm / U CONNECTION PLUG	130
242009	YATAY KAYIT CONTASI 220 mm / U CONNECTION PLUG	130
252001	4mm - 10mm VULKANİZE KÖŞE / VULCANIZE CORNER 4mm - 10mm	136
252002	ARTI VULKANİZE KÖŞE PARÇASI / PLUS SHAPED VULCANIZE CORNER PIECE	136
252003	212010 İÇİN VULKANİZE KÖŞE PARÇASI / VULCANIZE CORNER PIECE FOR 212010	136
312001	ISI BARIYERİ 20 mm / THERMAL BRAKE	123
312002	ISI BARIYERİ 24 mm / THERMAL BRAKE	123
312003	ISI BARIYERİ 30 mm / THERMAL BRAKE	123

AKSESUAR FİHRİSTİ / ACCESSORY INDEX

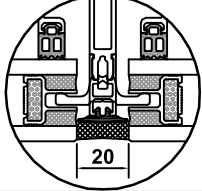
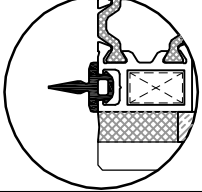
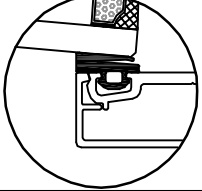
ÜRÜN KODU PRODUCT CODE	ÜRÜN ADI PRODUCT NAME	SAYFA NO PAGE NO
312004	ISI BARIYERİ 10 mm / THERMAL BRAKE	123
312005	ISI BARIYERİ 14mm / THERMAL BRAKE	123
322001	DİLATASYON TAPASI / DILATION PLUG	129
322002	KONDENS YOLU İÇİN BAĞLANTI PARÇASI / CONNECTION PIECE FOR CONDENSATION LINE	132
332001	MESAFE BELİRLEYİCİ SABİTLEME PARÇASI / SPACER FOR STRUCTURAL CELLS	140
332002	KASET HİZALAMA PARÇASI / ALIGNMENT PIECE FOR STRUCTURAL CELLS	141
433001	GIESSE 10" CEPHE MAKASI / GIESSE 10" FRICTION STAY	120
433002	GIESSE 12" CEPHE MAKASI / GIESSE 12" FRICTION STAY	120
433003	GIESSE 14" CEPHE MAKASI / GIESSE 14" FRICTION STAY	120
433004	GIESSE 16" CEPHE MAKASI / GIESSE 16" FRICTION STAY	120
433005	GIESSE 18" CEPHE MAKASI / GIESSE 18" FRICTION STAY	120
433006	GIESSE 20" CEPHE MAKASI / GIESSE 20" FRICTION STAY	120
433007	GIESSE 22" CEPHE MAKASI / GIESSE 22" FRICTION STAY	120
433008	GIESSE 24" CEPHE MAKASI / GIESSE 24" FRICTION STAY	120
433009	GIESSE 28" CEPHE MAKASI / GIESSE 28" FRICTION STAY	120
433010	GIESSE 26" CEPHE MAKASI / GIESSE 26" FRICTION STAY	120
433011	GIESSE MAKASLARI İÇİN YÜKSEKLİK AYAR PARÇASI / HEIGHT ADJUSTMENT PART FOR GIESSE ARMS	125
433012	SECURISTYLE STORM 10" CEPHE MAKASI / SECURISTYLE STORM 10" FRICTION STAY	120
433013	SECURISTYLE STORM 12" CEPHE MAKASI / SECURISTYLE STORM 12" FRICTION STAY	120
433014	SECURISTYLE STORM 16" CEPHE MAKASI / SECURISTYLE STORM 16" FRICTION STAY	120
433015	SECURISTYLE STORM 22" CEPHE MAKASI / SECURISTYLE STORM 22" FRICTION STAY	120
433016	SECURISTYLE STORM 26" CEPHE MAKASI / SECURISTYLE STORM 26" FRICTION STAY	120
433017	SECURISTYLE MAKASLARI İÇİN AYAR PARÇASI / HEIGHT ADJUSTMENT PART FOR SECURISTYLE ARMS	125
443001	GIESSE TELESKOPIK MAKAS (2 KADEMELİ) / GIESSE TELESCOPIC ARM (2 POSITIONS)	126
443002	GIESSE TELESKOPIK MAKAS (5 KADEMELİ) / GIESSE TELESCOPIC ARM (5 POSITIONS)	126
443003	GIESSE FRİZ LİMİTLEME MAKASI / GIESSE FRIZ LIMITER ARM	126
463001	SECURISTYLE PARALEL MAKAS SAĞ-250mm / SECURISTYLE PARALLEL HINGE RIGHT	122
463002	SECURISTYLE PARALEL MAKAS SAĞ-350mm / SECURISTYLE PARALLEL HINGE RIGHT	122
463003	SECURISTYLE PARALEL MAKAS SAĞ-250mm / SECURISTYLE PARALLEL HINGE RIGHT	122
463004	SECURISTYLE PARALEL MAKAS SAĞ-450mm / SECURISTYLE PARALLEL HINGE RIGHT	122
463005	SECURISTYLE PARALEL MAKAS SAĞ-670mm / SECURISTYLE PARALLEL HINGE RIGHT	122
463006	SECURISTYLE PARALEL MAKAS SOL-350mm / SECURISTYLE PARALLEL HINGE LEFT	122
463007	SECURISTYLE PARALEL MAKAS SOL-450mm / SECURISTYLE PARALLEL HINGE LEFT	122
463008	SECURISTYLE PARALEL MAKAS SOL-670mm / SECURISTYLE PARALLEL HINGE LEFT	122
463009	SECURISTYLE PARALEL MAKAS SOL-950mm / SECURISTYLE PARALLEL HINGE LEFT	122
463010	SECURISTYLE C8700 STOPLAMA PLAKASI / SECURISTYLE C8700 STOPS	122

EPDM FİTİLLER / EPDM GASKETS

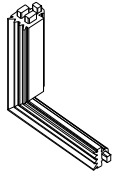
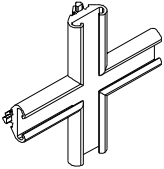
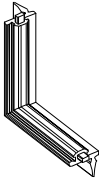
ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	212001 İÇ BİNİ FİTİLİ 3 mm / INNER STEP GASKET 3 mm BİRİM AĞIRLIK / UNIT WEIGHT : 45 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 350 m	
	212002 İÇ BİNİ FİTİLİ 4 mm / INNER STEP GASKET 4 mm BİRİM AĞIRLIK / UNIT WEIGHT : 57 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 280 m	
	212003 İÇ BİNİ FİTİLİ 5 mm / INNER STEP GASKET 5 mm BİRİM AĞIRLIK / UNIT WEIGHT : 72 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 220 m	
	212004 İÇ BİNİ FİTİLİ 6 mm / INNER STEP GASKET 6 mm BİRİM AĞIRLIK / UNIT WEIGHT : 74 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 220 m	
	212015 İÇ BİNİ FİTİLİ 7 mm / INNER STEP GASKET 7 mm BİRİM AĞIRLIK / UNIT WEIGHT : 81 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 200 m	
	212005 İÇ BİNİ FİTİLİ 8 mm / INNER STEP GASKET 8 mm BİRİM AĞIRLIK / UNIT WEIGHT : 90 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 170 m	
	212006 İÇ BİNİ FİTİLİ 10 mm / INNER STEP GASKET 10 mm BİRİM AĞIRLIK / UNIT WEIGHT : 104 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 150 m	
	212007 İÇ BİNİ FİTİLİ 12 mm / INNER STEP GASKET 12 mm BİRİM AĞIRLIK / UNIT WEIGHT : 116 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 130 m	

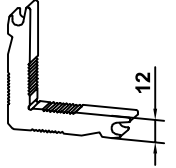
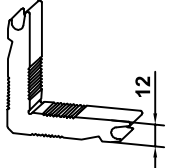
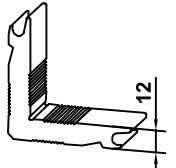
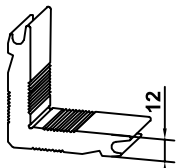
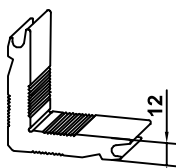
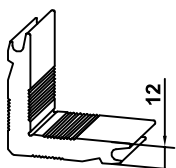
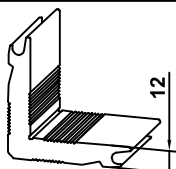
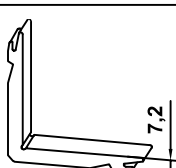
EPDM FİTİLLER / EPDM GASKETS		
ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	212016 KULAKLI İÇ FİTİL 10 mm / INNER STEP GASKET WITH LUG 10 mm BİRİM AĞIRLIK / UNIT WEIGHT : 120 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 130 m	
	212009 DIŞ BİNİ FİTİLİ 5 mm / OUTER STEP GASKET 5 mm BİRİM AĞIRLIK / UNIT WEIGHT : 82 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 200 m	
	212008 ORTA BİNİ FİTİLİ / CENTRAL GASKET BİRİM AĞIRLIK / UNIT WEIGHT : 122 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 130 m	
	212010 TOZLUK FİTİLİ TİP 1 / OUTER GASKET FOR VENT PROFILE (TYPE 1) BİRİM AĞIRLIK / UNIT WEIGHT : 70 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 220 m	
	212011 KASA DESTEK FİTİLİ 3 mm / SUPPORT GASKET FOR FRAME 3 mm BİRİM AĞIRLIK / UNIT WEIGHT : 40 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 400 m	
	212012 İÇ BİNİ FİTİLİ 3,5 mm / INNER STEP GASKET 3,5 mm BİRİM AĞIRLIK / UNIT WEIGHT : 27 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 550 m	
	212013 KANAT DESTEK FİTİLİ / SUPPORT GASKET FOR VENT BİRİM AĞIRLIK / UNIT WEIGHT : 56 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 270 m	
	212014 KANAT DIŞ BİNİ FİTİLİ / OUTER STEP GASKET FOR VENT BİRİM AĞIRLIK / UNIT WEIGHT : 80 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 200 m	

EPDM FİTİLLER / EPDM GASKETS

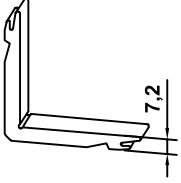
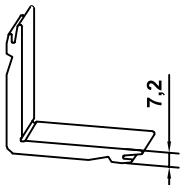
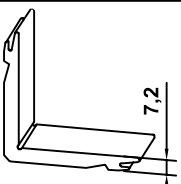
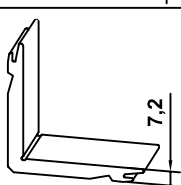
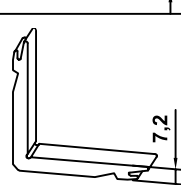
ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	222001 SİLİKON DERZ FİTİLİ / OUTER SILICONE CENTRAL GASKET BİRİM AĞIRLIK / UNIT WEIGHT : 65 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 250 m	
	212017 TOZLUK FİTİLİ TİP 2 / OUTER GASKET FOR VENT PROFILE (TYPE 2) BİRİM AĞIRLIK / UNIT WEIGHT : 56 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 270 m	
	212018 AÇILI CAM FİTİLİ / ANGULAR GASKET BİRİM AĞIRLIK / UNIT WEIGHT : 85 g/m KOLİ MİKTARI / PACKAGE QUANTITY : 180 m	

VULKANİZE KÖŞE PARÇALARI / VULCANIZE CORNER PIECES

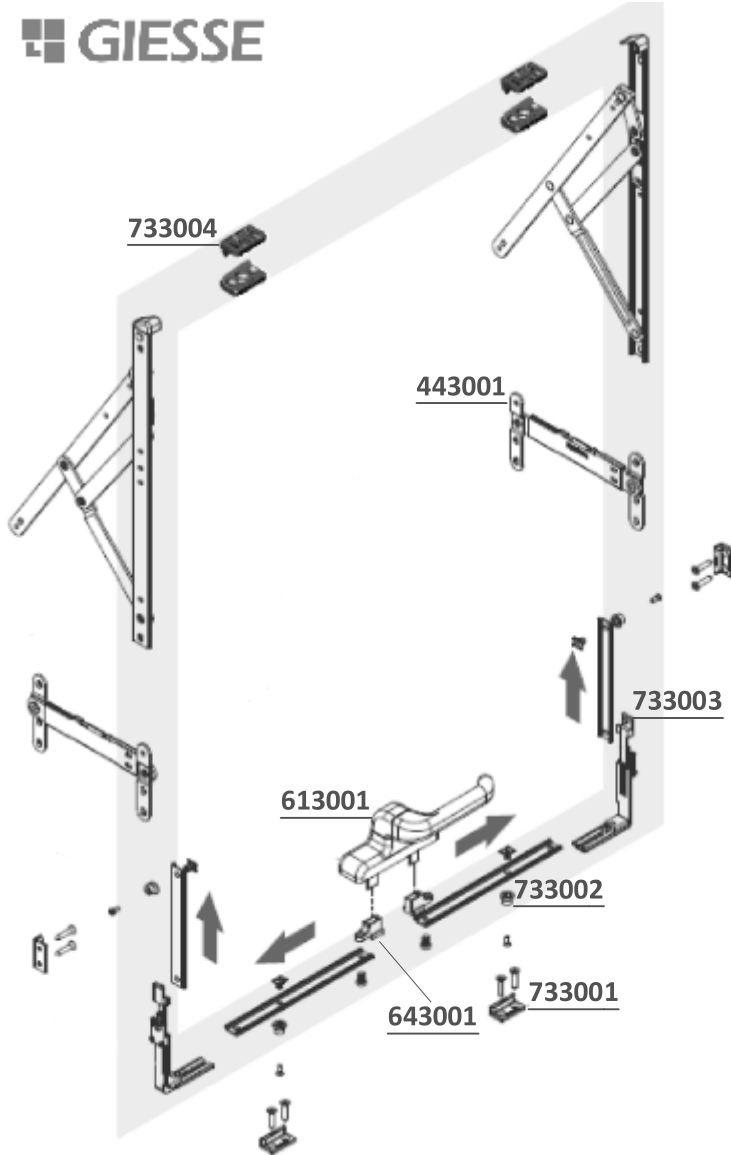
ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	TAKILMA BÖLGESİ / APPLICATION AREA
	252001 4mm-10mm VULKANİZE KÖŞE VULCANIZE CORNER FOR 4mm-10mm CONNECTION	Sayfa 136 Page 136
	252002 ARTI VULKANİZE KÖŞE PARÇASI PLUS SHAPED VULCANIZE CORNER PIECE	Sayfa 136 Page 136
	252003 212010 İÇİN VULKANİZE KÖŞE PARÇASI VULCANIZE CORNER PIECE FOR 212010	Sayfa 136 Page 136

KÖŞE TAKOZLARI / CORNER CLEATS		
ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
	111001 PROFİL NUMARASI / PROFILE NUMBER : 20003 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 3,190 kg/m.	7,2 mm
	111002 PROFİL NUMARASI / PROFILE NUMBER : 20003 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 3,190 kg/m.	11 mm
	111003 PROFİL NUMARASI / PROFILE NUMBER : 20003 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 3,190 kg/m.	14,5 mm
	111004 PROFİL NUMARASI / PROFILE NUMBER : 20003 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 3,190 kg/m.	24,5 mm
	111005 PROFİL NUMARASI / PROFILE NUMBER : 20003 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 3,190 kg/m.	27,5 mm
	111006 PROFİL NUMARASI / PROFILE NUMBER : 20003 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 3,190 kg/m.	32 mm
	111007 PROFİL NUMARASI / PROFILE NUMBER : 20003 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 3,190 kg/m.	36,2 mm
	111008 PROFİL NUMARASI / PROFILE NUMBER : 20008 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 2,117 kg/m.	17 mm

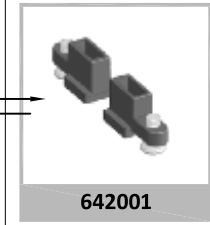
KÖŞE TAKOZLARI / CORNER CLEATS

ÇİZİM / DRAWING	AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
	111009 PROFİL NUMARASI / PROFILE NUMBER : 20008 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 2,117 kg/m.	19,2 mm
	111010 PROFİL NUMARASI / PROFILE NUMBER : 20008 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 2,117 kg/m.	21 mm
	111011 PROFİL NUMARASI / PROFILE NUMBER : 20008 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 2,117 kg/m.	23,2 mm
	111012 PROFİL NUMARASI / PROFILE NUMBER : 20008 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 2,117 kg/m.	28,5 mm
	111013 PROFİL NUMARASI / PROFILE NUMBER : 20008 PROFİL AĞIRLIĞI / PROFILE WEIGHT : 2,117 kg/m.	10,5 mm
	162001 KÖŞE ÇAVUŞU / CORNER ALIGNMENT	20 x 1,2

GIESSE



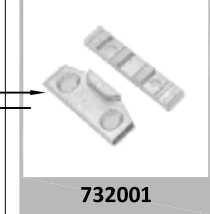
643001



642001



733001



732001



733002



732002



733003

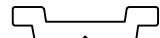


732003



733004

TİJ PROFİLİ
ROD PROFILE



S5671-00

YERLİ KİLİTLEME ALTERNATİFLERİ / DOMESTIC LOCKING ALTERNATIVES

119

CEPHEDE GİZLİ KANAT KİLİTLEME SİSTEMİ

TOP HUNG OPEN OUT LOCKING SYSTEM

ÜRÜN KODU PRODUCT CODE	ÜRÜN ADI PRODUCT NAME	2 NOKTADAN KİLİTLEME (H<1400 L<1000) 2 POINTS LOCKING	4 NOKTADAN KİLİTLEME (H>1400 L>1000) 4 POINTS LOCKING	6 NOKTADAN KİLİTLEME (H>1400 L>1400) 6 POINTS LOCKING
613001	EURO CW2 CEPHE KOLU CURTAIN WALL HANDLE	1 ADET	1 ADET	1 ADET
643001	TİJ BAĞLANTI ELEMANI CONNECTION BLOCK	2 ADET	2 ADET	2 ADET
733001	SABİT KARŞILIK FIXED STRIKER	2 ADET	4 ADET	4 ADET
733002	AYARLI PİM ADJUSTABLE FASTENING PAWL	2 ADET	4 ADET	4 ADET
733003	KÖŞE DÖNME CORNER DEVICE	-	2 ADET	2 ADET
733004	ÜST KİLİTLEME ELEMANI CURTAIN WALL FASTENING ELEMENT	-	-	2 ADET

burak
alüminyum

Her hakkı saklıdır : 2014. Burak Alüminyum'un izni olmadan kopya edilemez, çoğaltılamaz ve yayımlanamaz.
Copyright © 2014. All rights reserved. It shall not be reproduced without permission of Burak Aluminium.

MAKASLAR

FRICTION STAYS



GIESSE® CEPHE MAKASLARI

GIESSE® FRICTION STAYS



ÜRÜN KODU PRODUCT CODE	MAKAS BOYU FRICTION STAY LENGTH (inch)	MAKAS BOYU FRICTION STAY LENGTH (mm)	KANAT AÇMA DERECESİ OPENING ANGLE	MAKS. KANAT YÜKSEKLİĞİ MAX. SASH HEIGHT (mm)	MAKS. KANAT GENİŞLİĞİ MAX. SASH WIDTH (mm)	MAKS. KANAT AĞIRLIĞI MAX. SASH WEIGHT (kg)
433001	10"	261,5	35°	700	1200	50
433002	12"	317,5	30°/35°	800	1200	60
433003	14"	353,5	30°/35°	1000	1300	69,5
433004	16"	414,5	25°/30°	1200	1400	88,5
433005	18"	458,5	25°/30°	1400	1400	102
433006	20"	511,5	20°/25°	1600	1500	135
433007	22"	556,5	20°/25°	1700	1500	137
433008	24"	602,5	20°/25°	1800	1500	139
433009	28"	707,5	10°/15°/20°	2000	1500	155
433010	26"	690	10°/15°/20°	2500*	1700*	180*

(*) İlave limitleme makası ile kullanım.

SECURISTYLE® STORM CEPHE MAKASLARI

SECURISTYLE® STORM FRICTION STAYS



ÜRÜN KODU PRODUCT CODE	MAKAS BOYU FRICTION STAY LENGTH (inch)	MAKAS BOYU FRICTION STAY LENGTH (mm)	KANAT AÇMA DERECESİ OPENING ANGLE	MİN. KANAT YÜKSEKLİĞİ MIN. SASH HEIGHT (mm)	MAKS. KANAT YÜKSEKLİĞİ MAX. SASH HEIGHT (mm)	MAKS. KANAT AĞIRLIĞI MAX. SASH WEIGHT (kg)
433012	10"	262	50°	267	635	37
433013	12"	313	50°	635	787	45
433014	16"	415	50°	787	1090	55
433015	22"	567	45°	1090	1500	75
433016	26"	680	20°	1270	2200	120



Her hakkı saklıdır : 2014. Burak Alüminyum'un izni olmadan kopya edilemez, çoğaltılamaz ve yayımlanamaz.
Copyright © 2014. All rights reserved. It shall not be reproduced without permission of Burak Aluminium.

PARALEL MAKASLAR

PARALLEL HINGES



Giydirme cepheli binalarda doğal havalandırma için yenilikçi bir çözüm olarak paralel makasları kullanabilirsiniz. Günümüz yapılarında, enerji maliyeti ve çevreci kaygılar nedeniyle doğal havalandırma konusu giderek daha fazla önem taşımaktadır. Paralel olarak dışa açılan kanatların ileri düzeyde doğal havalandırma sağladığı yapılan bilimsel araştırmalar ile ortaya konmuştur. Bu nedenle çevreci bina ofis, okul, hastane gibi binalarda paralel açılım tercihi artmaktadır. Yandaki resimde gördüğünüz gibi taze hava kanadın altından odaya girip içeride dolaşır ısındıktan sonra yukarıdan çıkmaktadır. Kanat sadece 40 mm açılrsa bile doğal havalandırma için yeterli olur.

Should be used parallel opening hinges for natural ventilation as innovative solution. Importance of the natural ventilation increases by energy cost and environmental worries in current buildings. Parallel outward opening sashes provide a high level natural ventilation that is proved with scientific investigations. For this reason parallel opening choices increase in office, school, hospital etc. buildings. As you can see on left, the fresh air enters from bottom of the vent into the room, it warms after circulating in the room, and then the warmed air exit from the the room. It is enough 40 mm vent opening distance for the natural ventilaton.

121

SECURISTYLE® PARALEL MAKASLAR

SECURISTYLE® PARALLEL OPENING HINGES

securistyle



Paralel açılım yapılacak kanadınızın ölçülerine ve ağırlığına göre kullanılacak makas kombinasyonu belirlenir. 200 kg ve 1300 x 3000 mm ebatlarına kadar kanatlar Securistyle Parallel Plus makaslarla manuel açılım şeklinde kullanılabilir.

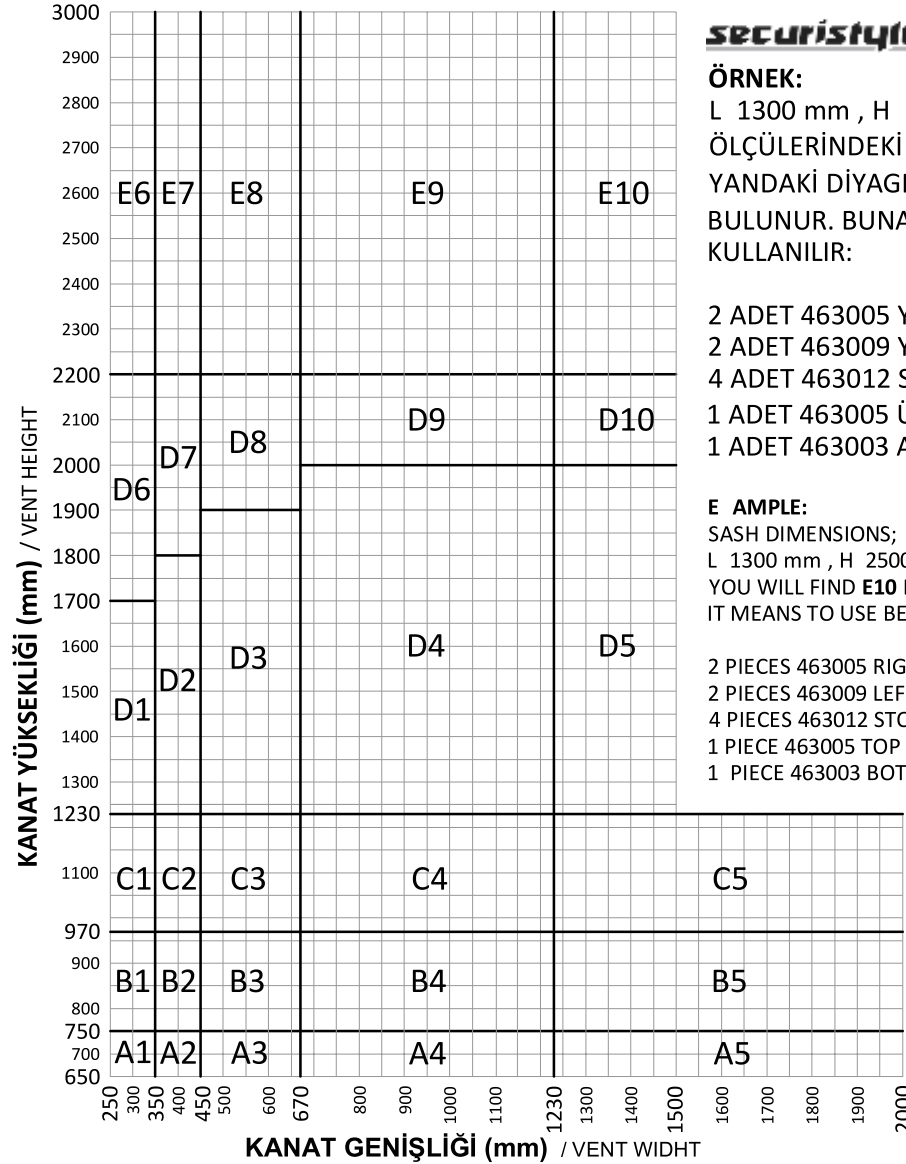
Parallel opening hinges combination will be defined especially to your sash dimensions and weight. It can be mauallly operated up to 200 kg sash weight and 1300 x 3000 mm sash dimensions.



Her hakkı saklıdır : 2014. Burak Alüminyum'un izni olmadan kopya edilemez, çoğaltılamaz ve yayımlanamaz. Copyright © 2014. All rights reserved. It shall not be reproduced without permission of Burak Alüminyum.

MANUEL AÇILIM İÇİN PARALEL MAKAS SEÇİM DİYAGRAMI

PARALLEL HINGE SELECTION DIAGRAM FOR MANUALLY OPERATED VENTS



securistyle

ÖRNEK:

L 1300 mm , H 2500 mm
ÖLÇÜLERİNDEKİ BİR KANAT İÇİN
YANDAKİ DİYAGRAMDAN E10 DEĞERİ
BULUNUR. BUNA GÖRE AŞAĞIDAKİLER
KULLANILIR:

2 ADET 463005 YAN MAKAS
2 ADET 463009 YAN MAKAS
4 ADET 463012 STOPLAMA
1 ADET 463005 ÜST MAKAS
1 ADET 463003 ALT MAKAS

E AMPLE:

SASH DIMENSIONS;
L 1300 mm , H 2500 mm
YOU WILL FIND **E10** FROM DIAGRAM.
IT MEANS TO USE BELOW PIECES:

2 PIECES 463005 RIGHT SIDE MOUNTED HINGES
2 PIECES 463009 LEFT SIDE MOUNTED HINGES
4 PIECES 463012 STOPS
1 PIECE 463005 TOP HINGE
1 PIECE 463003 BOTTOM HINGE

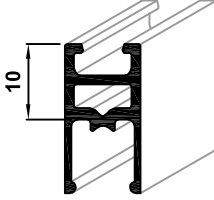
NOT: KOLLAR KANAT
YÜKSEKLİĞİNİN MERKEZİNDEN
+/- 15 MESAFESİNE HER İKİ
KENARA MONTAJLANABİLİR.
H<1230 mm KANATLAR
ALT TAN BAĞLANAN TEK KOL
İLE AÇILABİLİR.

NOT: HANDLES MOUNTED CENTRALLY
ON THE VERTICAL SIDES +/- 15 OF THE
VENT HEIGHT. VENTS BELOW 1230 mm
HIGH CAN ALTERNATIVELY BE OPERATED
FROM A SINGLE HANDLE AT THE
BOTTOM OF THE VENT.

122

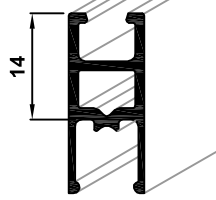
YAN MAKASLAR SIDE MOUNTED HINGES					ÜST VE ALT MAKASLAR TOP BOTTOM HINGES		
	SAĞ TARAF RIGHT SIDE	SOL TARAF LEFT SIDE	STOPLAMALAR STOPS	MAKS. AĞIRLIK MAX. WEIGHT (mm)		ÜST TOP	ALT BOTTOM
A	1 x 463002	1 x 463006	2 x 463010	100	1	463001	-
B	1 x 463003	1 x 463007	2 x 463012	100	2	463002	-
C	1 x 463004	1 x 463008	2 x 463013	180	3	463003	-
D	1 x 463005	1 x 463009	2 x 463012	180	4	463004	-
E	2 x 463005	2 x 463009	4 x 463012	180	5	463005	-
NOT 1: 463001 MAKAS KULLANILIRKEN 463012 STOPLAMA PLAKASI YERİNE 463011 KULLANILIR. NOTE 1: WHEN USING 463001 HINGES REPLACE 463012 STOPS WITH 463011 STOPS. NOT 2: MANUEL PARALEL AÇILIMLARDA MAKASLARIN MAKSİMUM AÇMA AÇISI 150 mm. NOTE 2: MAX. OPENING MOTION 150 mm FOR MANUALLY.					6	463001	463001
					7	463002	463002
					8	463003	463003
					9	463004	463003
					10	463005	463003

ISI BARIYERİ (10mm)
INSULATION BAR (10mm)



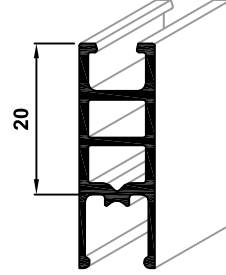
312004

ISI BARIYERİ (14mm)
INSULATION BAR (14mm)



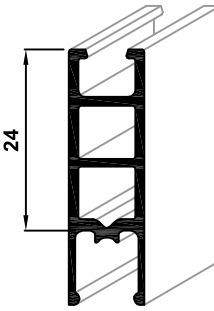
312005

ISI BARIYERİ (20mm)
INSULATION BAR (20mm)



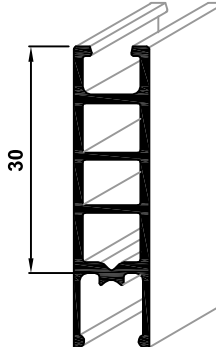
312001

ISI BARIYERİ (24mm)
INSULATION BAR (24mm)



312002

ISI BARIYERİ (30mm)
INSULATION BAR (30mm)



312003

GIESSE EURO CW2 CEPHE KOLU
GIESSE EURO CW2 CURTAIN WALL HANDLE



613001

GIESSE EURO CW2 ANAHTARLI
GIESSE EURO CW2 WITH KEY



613002

GIESSE UNICA CW2 CEPHE KOLU
GIESSE UNICA CW2 CURTAIN WALL HANDLE



613003

GIESSE EURO SÖKÜLEBİLİR KOL
GIESSE EURO AWAY CREMONE



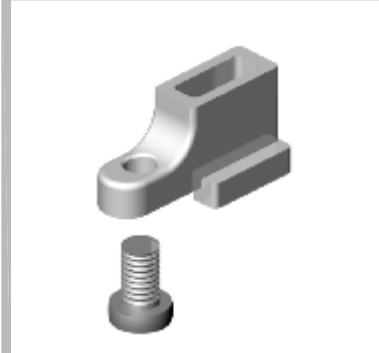
613004

GIESSE EURO SÖKÜLEBİLİR KOL SAPI
GIESSE EURO REMOVABLE HANDLE



613005

GIESSE TİJ BAĞLANTI ELEMANI
GIESSE CONNECTION BLOCK



643001

GIESSE SABİT KARŞILIK
GIESSE FIXED STRIKER



733001

GIESSE AYARLI PİM
GIESSE ADJUSTABLE FASTENING PAWL



733002

GIESSE KÖŞE DÖNME
GIESSE CORNER DEVICE



733003

GESSE ÜST KİLİTLEME ELEMANI GESSE CURTAIN WALL FASTENING ELEMENT



733004

GESSE CEPHE MAKASI YÜKSEKLİK AYAR PARÇASI HEIGHT ADJUSTMENT PART FOR GESSE FRICTION STAYS



NOT: Opsiyonel olarak sunulan yükseklik ayar mekanizması ile gizli kanatların montajından sonra ± 2 mm yükseklik ayarı yapılabilir. Böylece özellikle ağır kanatlarda daha kolay ve çabuk montaj imkanı sağlanır.
NOTE: Height adjustment part can be set up ± 2 mm after top-hung open out sashes assembly period. So you can assemble the sash easily in a short time.

433011

SECURISTYLE CEPHE MAKASI METRİK AYAR PARÇASI ADJUSTMENT PART FOR SECURISTYLE FRICTION STAYS



NOT: 100 kg ve üzeri kanatlarda metrik ayar parçası kullanılmalıdır.
NOTE: Height adjustment part have to be with sashes more than 100 kg.

433017

GESSE VARIA ZİNCİRLİ OPERATÖR SİYAH GESSE VARIA CHAIN OPERATOR BLACK



583001

GESSE VARIA ZİNCİRLİ OPERATÖR GRİ GESSE VARIA CHAIN OPERATOR GREY



583002

GESSE VARIA ZİNCİRLİ OPERATÖR BEYAZ GESSE VARIA CHAIN OPERATOR WHITE



583003

GESSE VARIA T ZİNCİRLİ OPERATÖR SİYAH GESSE VARIA T CHAIN OPERATOR BLACK



NOT: VARIA T TERS VASİTAS VE PARALEL AÇILIM KANATLARLA KULLANILABİLİR. İTME GÜCÜ 150 N ÇEKME GÜCÜ 300 N, AÇMA MESAFESİ 90-400 mm 1600 MM'DEN GENİŞ KANATLARDA 2 ADET VARIA T MOTOR KULLANILMALIDIR.
NOTE: VARIA T CAN BE USED WITH TOP-HUNG OPEN OUT AND PARALLEL OPENING SASHES. THRUST FORCE 150 N, DRIVE FORCE 300 N, STROKES ADJUSTABLE 90-400 MM. IF THE SASH WIDTH IS LARGER THAN 1600 MM, YOU HAVE TO USE 2 VARIA T OPERATORS.

583004

GESSE VARIA T ZİNCİRLİ OPERATÖR GRİ GESSE VARIA T CHAIN OPERATOR GREY



583005

GESSE VARIA T ZİNCİRLİ OPERATÖR BEYAZ GESSE VARIA T CHAIN OPERATOR WHITE



583006

**GIESSE ST 450 C 180 MİLLİ KANAT
AÇMA OPERATÖRÜ**
GIESSE ST 450 C 180 ROD OPERATORS



NOT: ST450 YATAY VEYA EĞİMLİ DURAN AĞIR
KANATLARDA KULLANILABİLİR. İTME VE ÇEKME
GÜCÜ 450 N, AÇMA MESAFESİ 180 mm
NOTE: ST450 CAN BE USED WITH HORIZONTAL OR SHED
WINDOW. THRUST AND DRIVE FORCE 300 N, STROKES 180 mm

583007

**GIESSE ST 450 C 300 MİLLİ KANAT
AÇMA OPERATÖRÜ**
GIESSE ST 450 C 300 ROD OPERATORS



NOT: ST450 YATAY VEYA EĞİMLİ DURAN AĞIR
KANATLARDA KULLANILABİLİR. İTME VE ÇEKME
GÜCÜ 450 N, AÇMA MESAFESİ 300 mm
NOTE: ST450 CAN BE USED WITH HORIZONTAL OR SHED
WINDOW. THRUST AND DRIVE FORCE 300 N, STROKES 300 mm

583008

**GIESSE TELESKOPIK MAKAS
(2 KADEMELİ)**
GIESSE TELESCOPIC ARM (2 POSITION)



443001

**GIESSE TELESKOPIK MAKAS
(5 KADEMELİ)**
GIESSE TELESCOPIC ARM (5 POSITION)



443002

GIESSE FRİZ LİMİTLEME MAKASI
GIESSE FRIZ LIMITER ARM



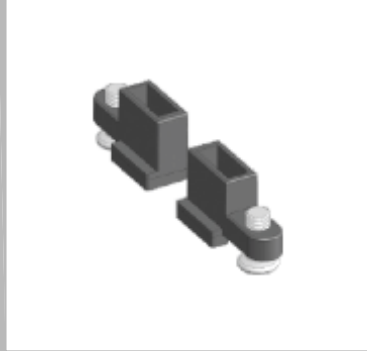
443003

CEPHE KOLU
CURTAIN WALL HANDLE



612001

TİJ BAĞLANTI ELEMANI
CONNECTION BLOCK



642001

SABİT KARŞILIK
FIXED STRIKER



732001

AYARLI PİM
ADJUSTABLE FASTENING PAWL



732002

KÖŞE DÖNME
CORNER DEVICE



732003

CAM ÇİTASI KÖŞE BİRLEŞTİRME
CORNER CONNECTION PIECE FOR GLAZING STRIP



NOT: 20035 PROFİLİYLE KULLANILIR.
NOTE: USING FOR PROFILE NO: 20035.

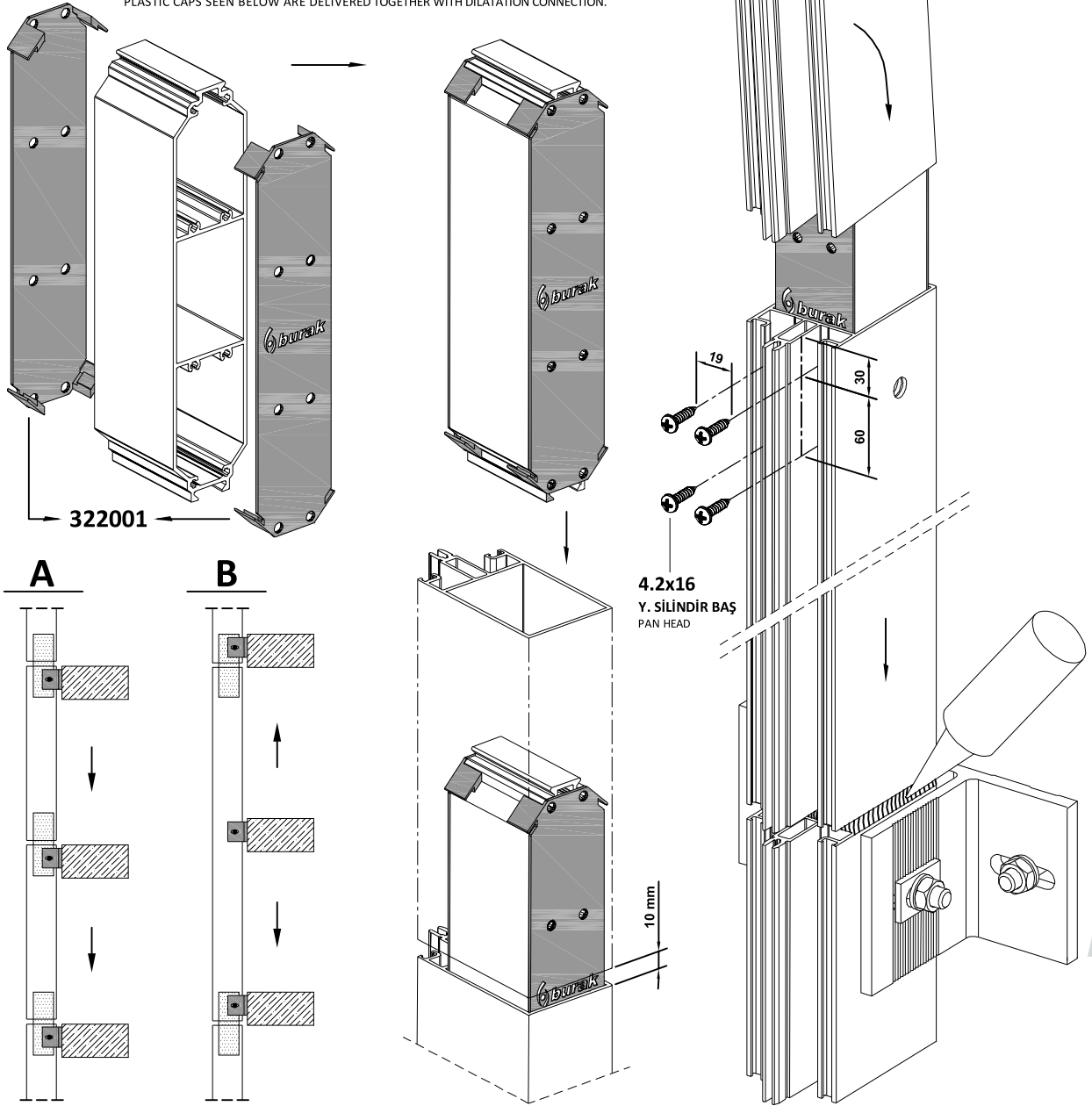
182001

MONTAJ TALİMATLARI

FABRICATION MANUAL

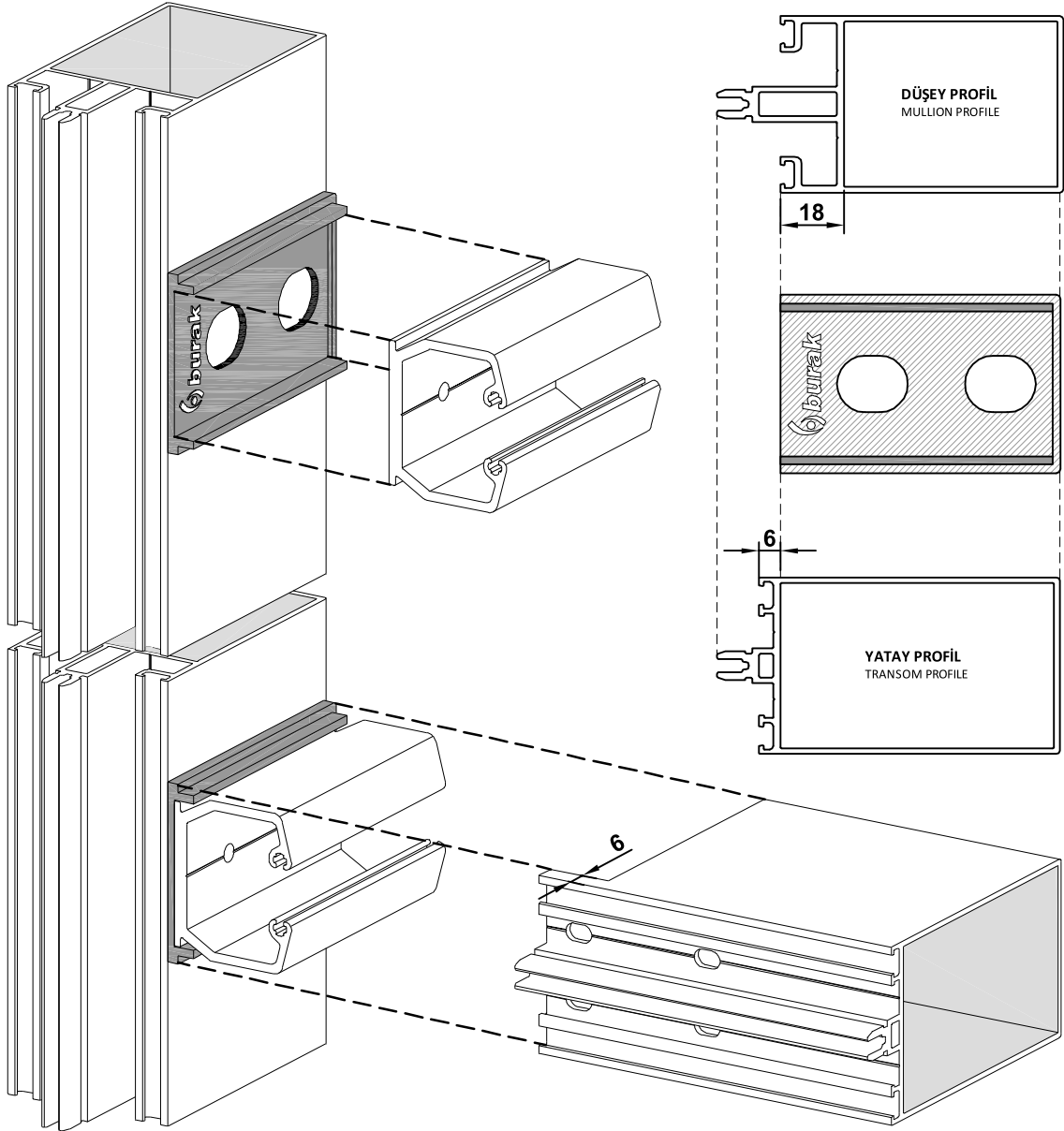
- 8. DİLATASYON BAĞLANTILARI / DILATATION CONNECTIONS
- 9. YATAY KAYIT CANTALARI / TRANSOM CONNECTION PLUGS
- 10. U BAĞLANTILAR / U CONNECTIONS
- 11. CAM ALTI DESTEK PARÇALARI / GLAZING SUPPORTS
- 12. VULKANİZE KÖŞE PARÇALARI / VULCANIZE CORNER PIECES
- 13. CAM ARASI KİTLEMELER / FOURSIDE LOCKING PIECES
- 14. KASET BAĞLANTI PARÇALARI / CONNECTIONS FOR S. CELLS
- 15. TAHLİYE DELİK ŞEMALARI / SCHEMAS OF DRAINAGE HOLES
- 16. KÖŞE TAKOZU BİRLEŞİM AÇILARI / CORNER CLEAT ANGLES
- 17. ALT-ÜST BİTİŞ DETAYLARI / BOTTOM-TOP END DETAILS

**** AŞAĞIDA GÖRÜLEN PLASTİK KAPAKLAR, BAĞLANTI İLE BİRLİKTE GÖNDERİLİR.**
PLASTIC CAPS SEEN BELOW ARE DELIVERED TOGETHER WITH DILATATION CONNECTION.



DİLATASYON BAĞLANTILARI / DILATATION CONNECTIONS

ÇİZİM DRAWING	AKSESUAR KODU ACCESSORY CODE	KULLANILDIĞI PROFİLLER FOR PROFILES	KESİM ÖLÇÜSÜ CUTTING DIMENSION
20079 (3,363 kg/m.)	171001	20017, 20018	26,5 mm
	171002	20006, 20021	56 mm
	171003	20023, 20025	76 mm
	171004	20027	96 mm
	171005	20029	116 mm
	171006	20031	135 mm
	171007	20034	154 mm

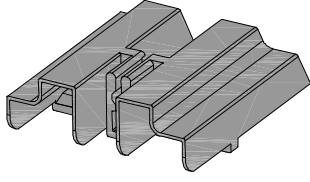


YATAY KAYIT CONTALARI / TRANSOM CONNECTION PLUGS

çizim DRAWING	AKSESUAR KODU ACCESSORY CODE	KULLANILDIĞI PROFİLLER FOR PROFILES	A (mm)
	242001	20019, 20020	50 mm
	242002	20007, 20022	80 mm
	242003	20024, 20026	100 mm
	242004	20028	120 mm
	242005	20030	140 mm
	242006	20032	160 mm
	242007	20033	180 mm

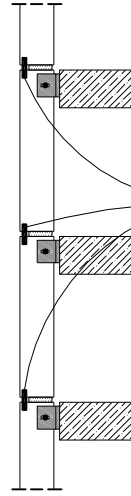


U BAĞLANTILAR / U CONNECTIONS			
çizim DRAWING	AKSESUAR KODU ACCESSORY CODE	KULLANILDIĞI PROFİLLER FOR PROFILES	KESİM ÖLÇÜSÜ CUTTING DIMENSION
 20004 (1,073 kg/m.)	151001	20019, 20020	46,5 mm
	151002	20007, 20022	76,5 mm
	151003	20024, 20026	96,5 mm
	151004	20028	116,5 mm
	151005	20030	136,5 mm
	151006	20032	156,5 mm
	151007	20033	176 mm

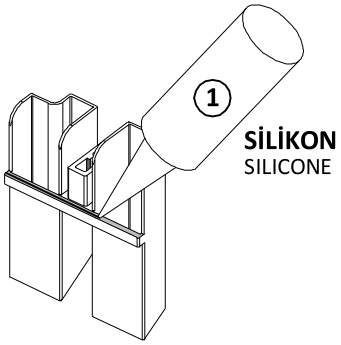


322002

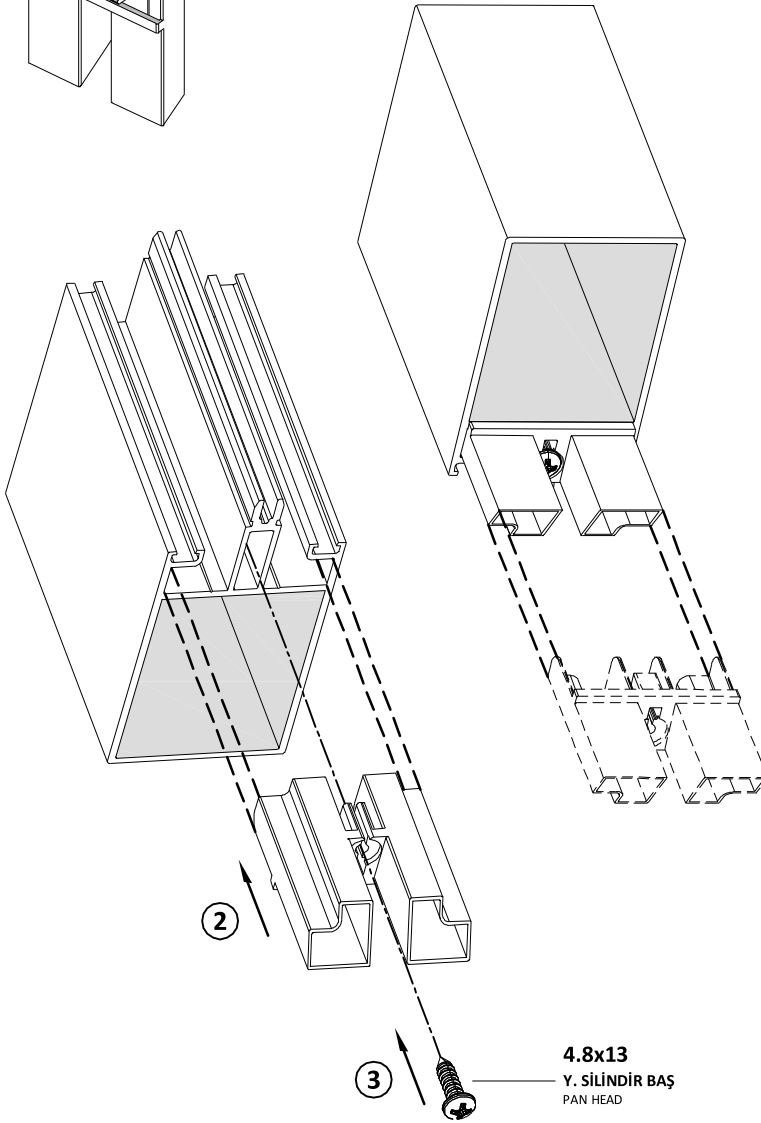
KONDENS YOLU İÇİN BAĞLANTI PARÇASI
CONNECTION PIECE FOR THE CONDENSATION LINE



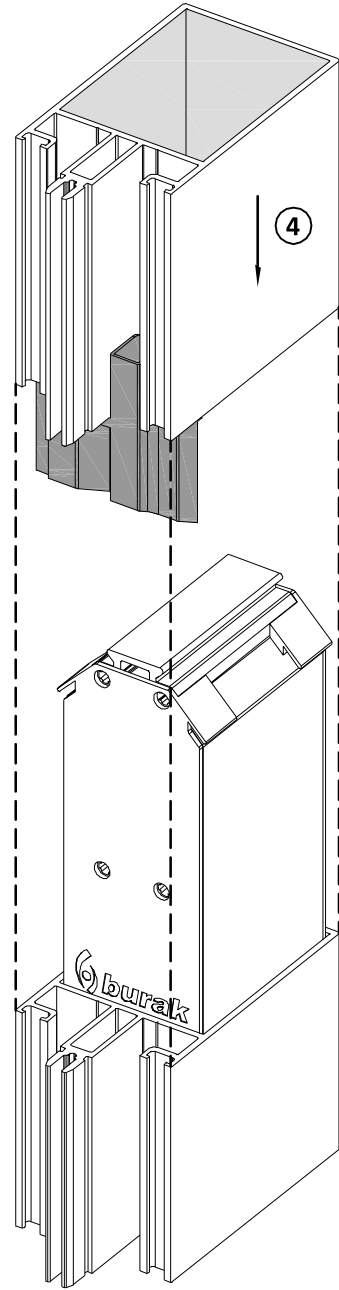
TÜM DİLATASYON EK BÖLGELERİNDE BİRER ADET KULLANILIR.
USING ONE PIECE AT ALL OF THE VERTICAL DILATATION AREAS.

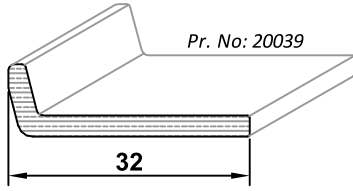


SİLİKON
SILICONE



4.8x13
Y. SİLİNDİR BAŞ
PAN HEAD



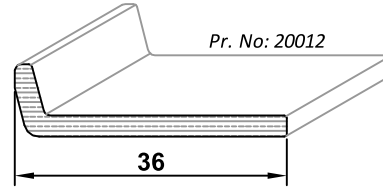


181006

CAM ALTI DESTEK PARÇASI - 1

GLAZING SUPPORT - 1

(22mm ile 26mm arası cam kalınlıklarında kullanılır. /
Using with 22mm to 26mm glass thicknesses.)

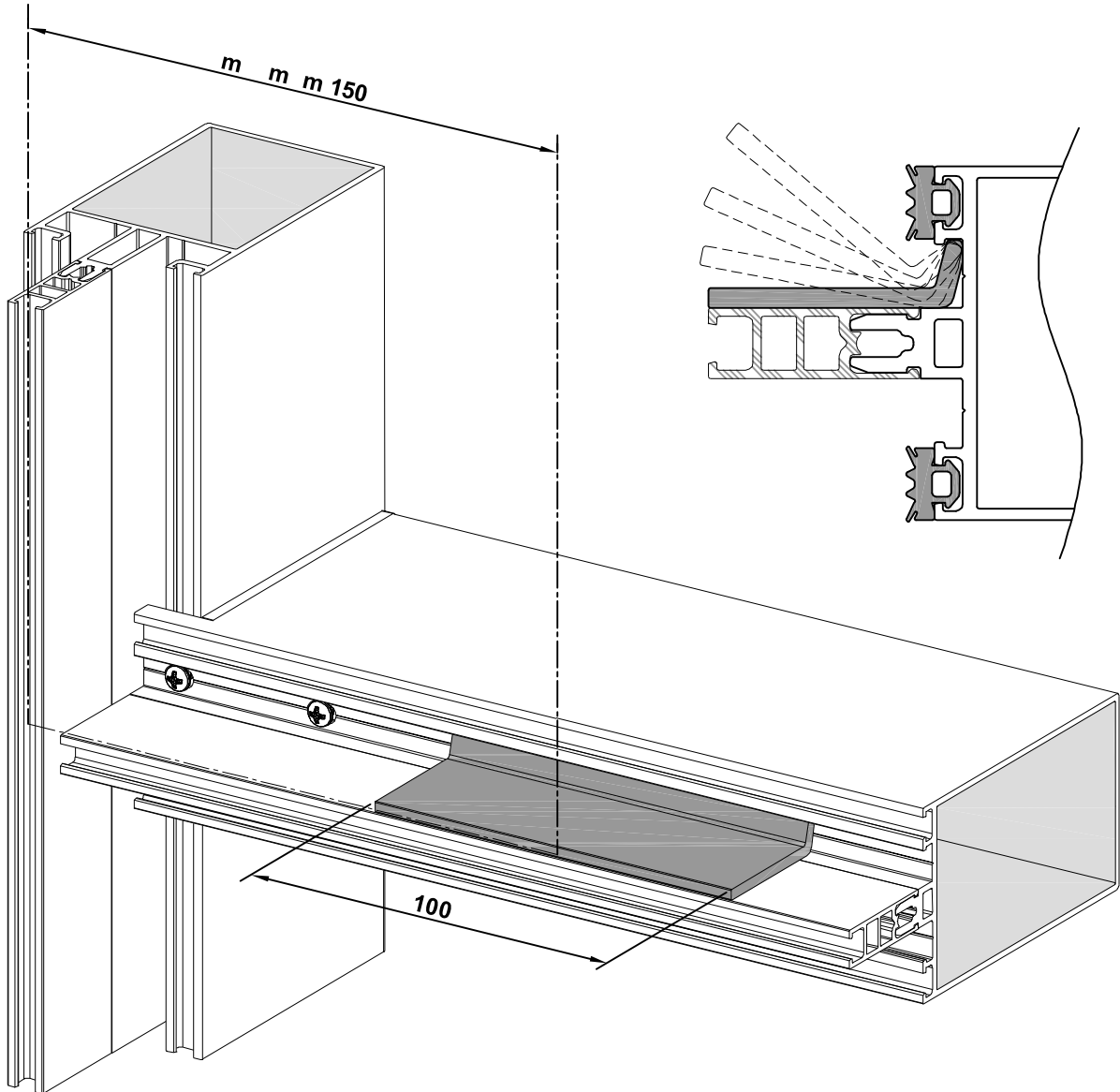


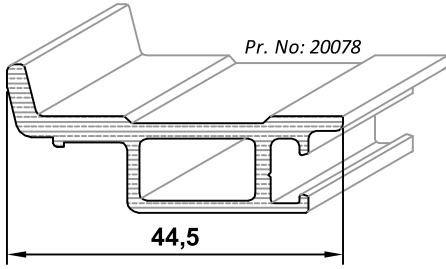
181002

CAM ALTI DESTEK PARÇASI - 2

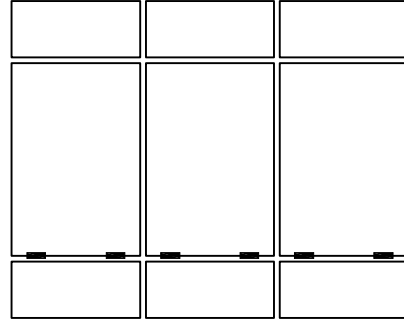
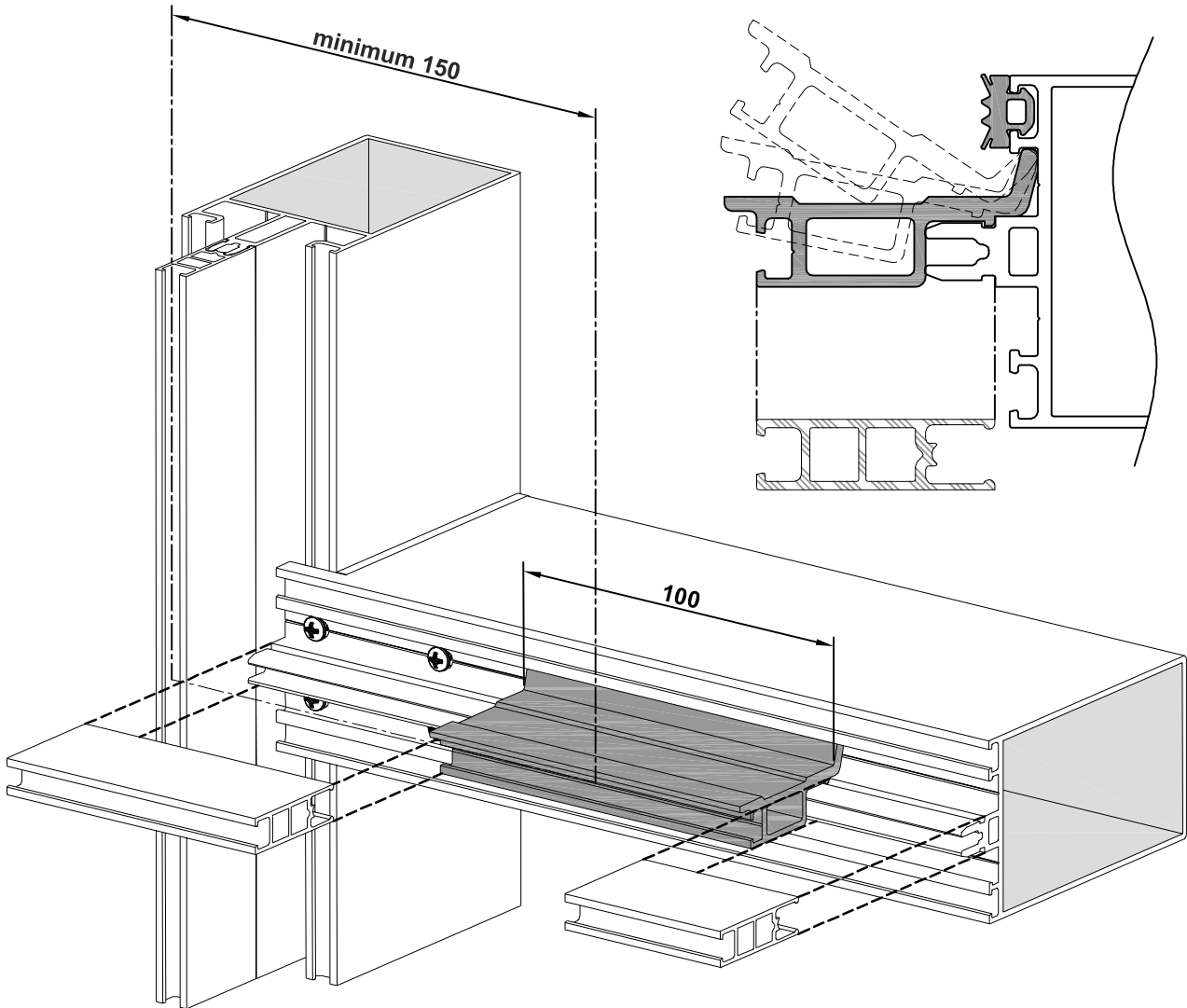
GLAZING SUPPORT - 2

(28mm ile 32mm arası cam kalınlıklarında kullanılır. /
Using with 28mm to 32mm glass thicknesses.)

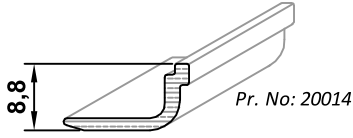


**181009****CAM ALTI DESTEK PARÇASI - 3**

GLAZING SUPPORT - 3

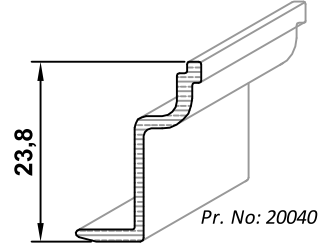
(34mm ile 42mm arası cam kalınlıklarında kullanılır. /
Using with 34mm to 42mm glass thicknesses.)**HER CAM İÇİN ALTTA İKİŞER ADET
KULLANILIR.**USING TWO PIECES AT THE BOTTOM OF
EACH GLASS.

**** DESTEK PARÇASININ OLDUĞU BÖLGELERDE ISI BARIYERLERİ AYRI AYRI TAKILMALIDIR.**
INSULATION BARS SHOULD BE INSTALLED PIECES SEPARATELY AROUND THE GLAZING SUPPORTS.



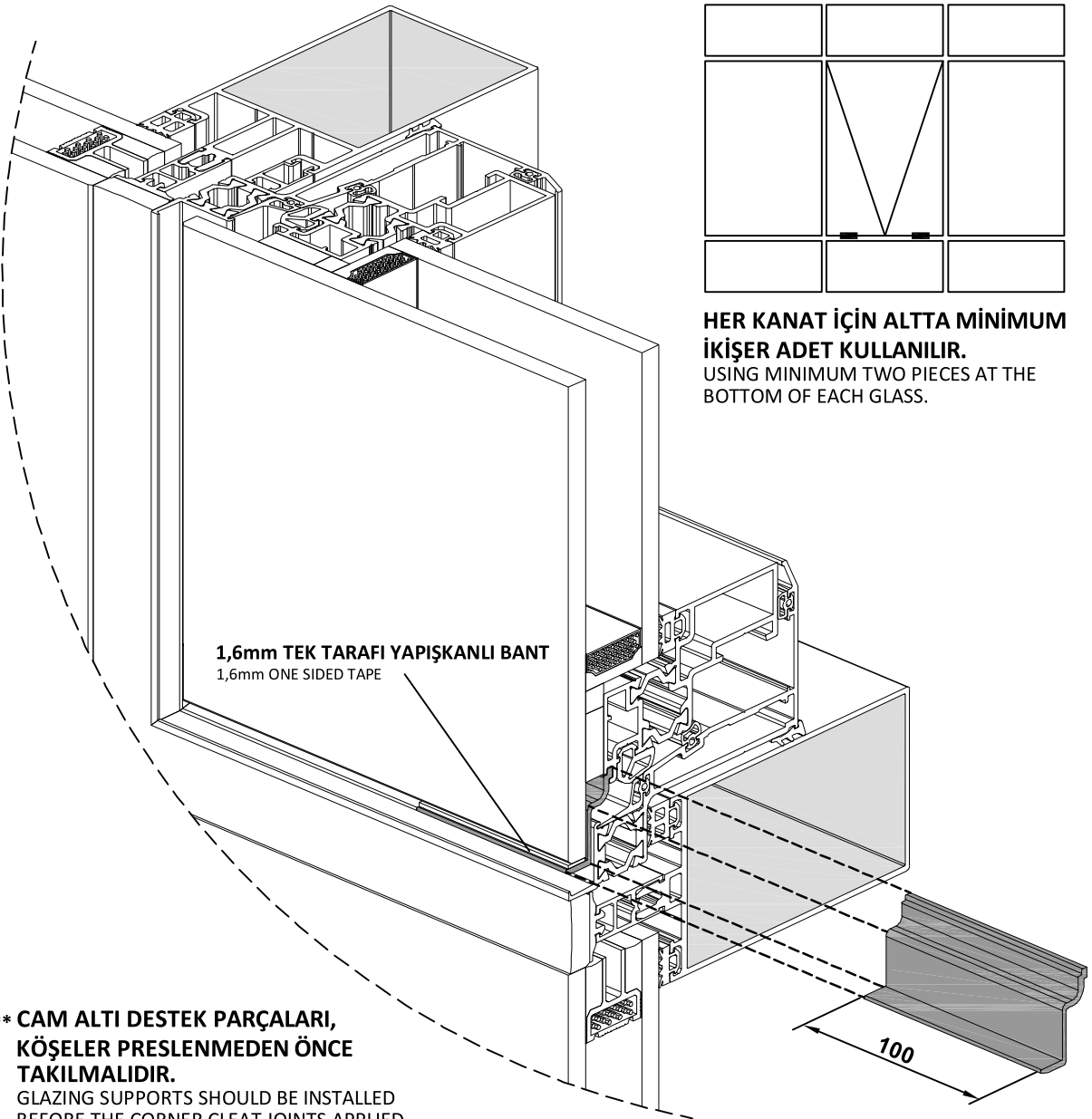
181003

KANAT CAM ALTI DESTEK PARÇASI - 1
GLAZING SUPPORT FOR VENT - 1

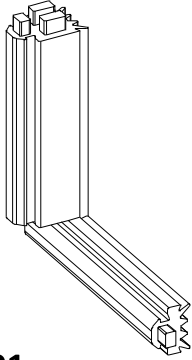


181004

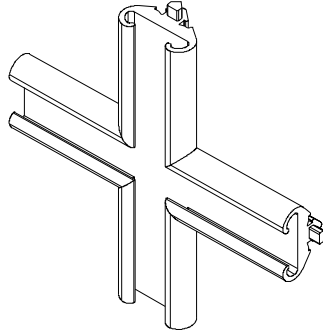
KANAT CAM ALTI DESTEK PARÇASI - 2
GLAZING SUPPORT FOR VENT - 2



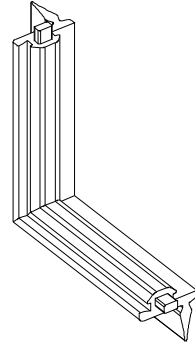
**** CAM ALTI DESTEK PARÇALARI, KÖŞELER PRESLENMEDEN ÖNCE TAKILMALIDIR.**
GLAZING SUPPORTS SHOULD BE INSTALLED BEFORE THE CORNER CLEAT JOINTS APPLIED.

**252001**

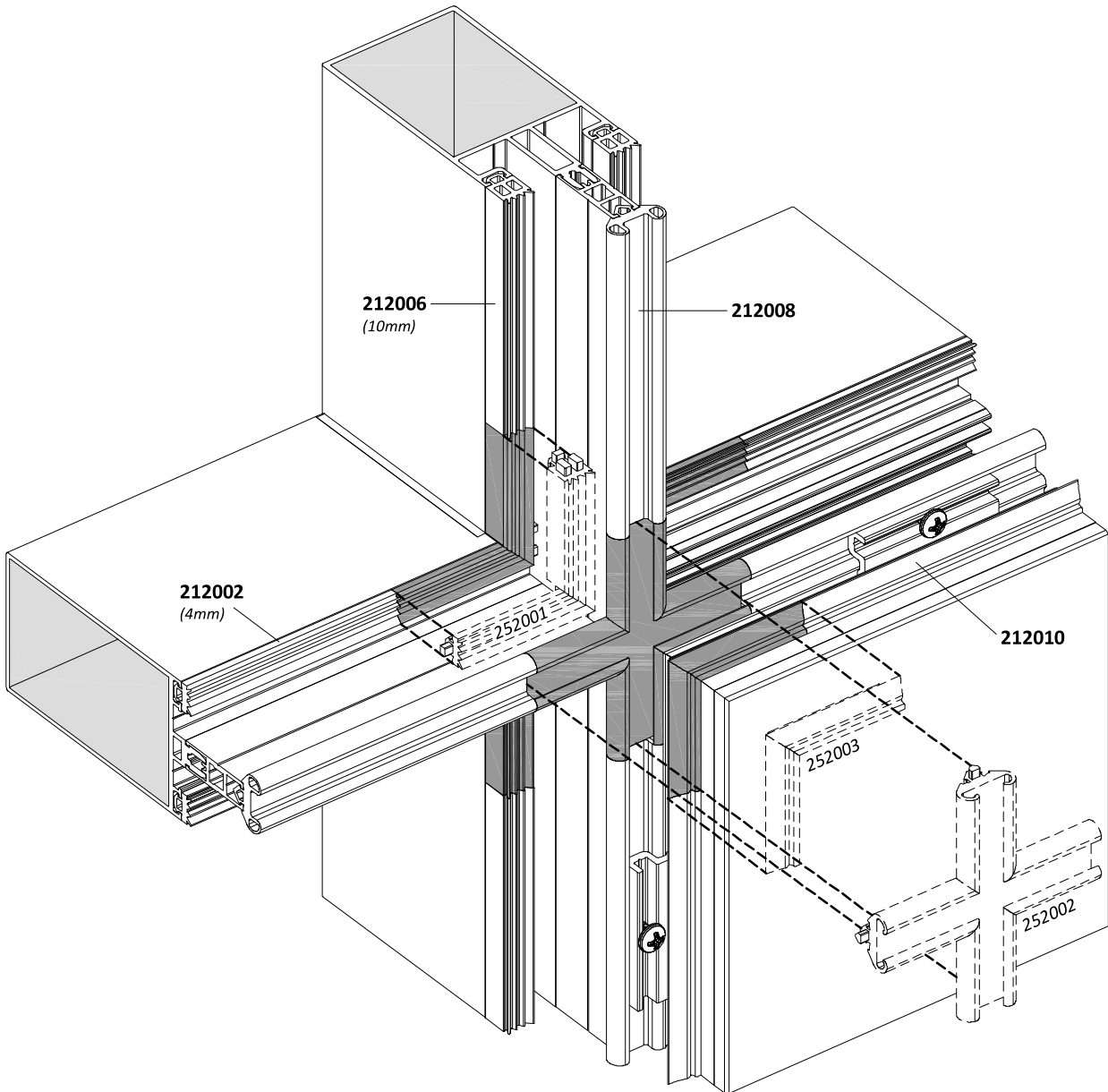
4mm - 10mm VULKANİZE KÖŞE
VULCANIZE CORNER 4mm - 10mm

**252002**

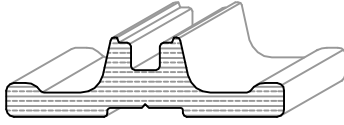
ARTI VULKANİZE KÖŞE PARÇASI
PLUS SHAPED VULCANIZE CORNER PIECE

**252003**

VULKANİZE KÖŞE PARÇASI
VULCANIZE CORNER PIECE



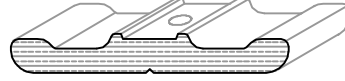
Pr. No: 20037



181007

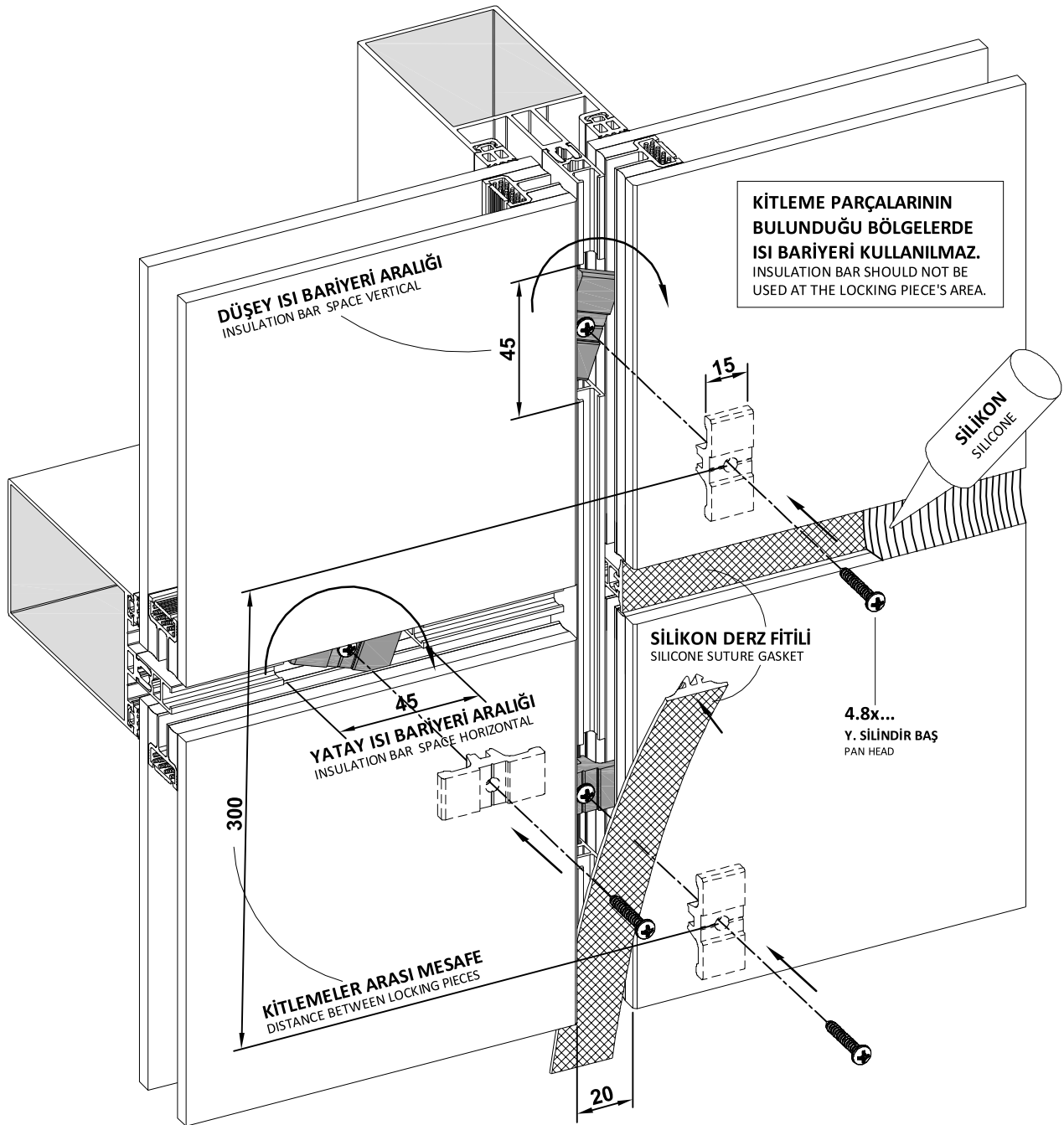
CAM ARASI KİTLEME PARÇASI - 1
FOURSIDE LOCKING PIECE - 1

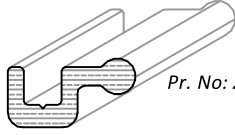
Pr. No: 20036



181008

CAM ARASI KİTLEME PARÇASI - 2
FOURSIDE LOCKING PIECE - 2

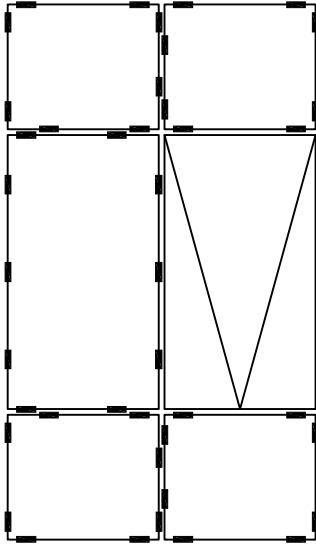




Pr. No: 20001

181001

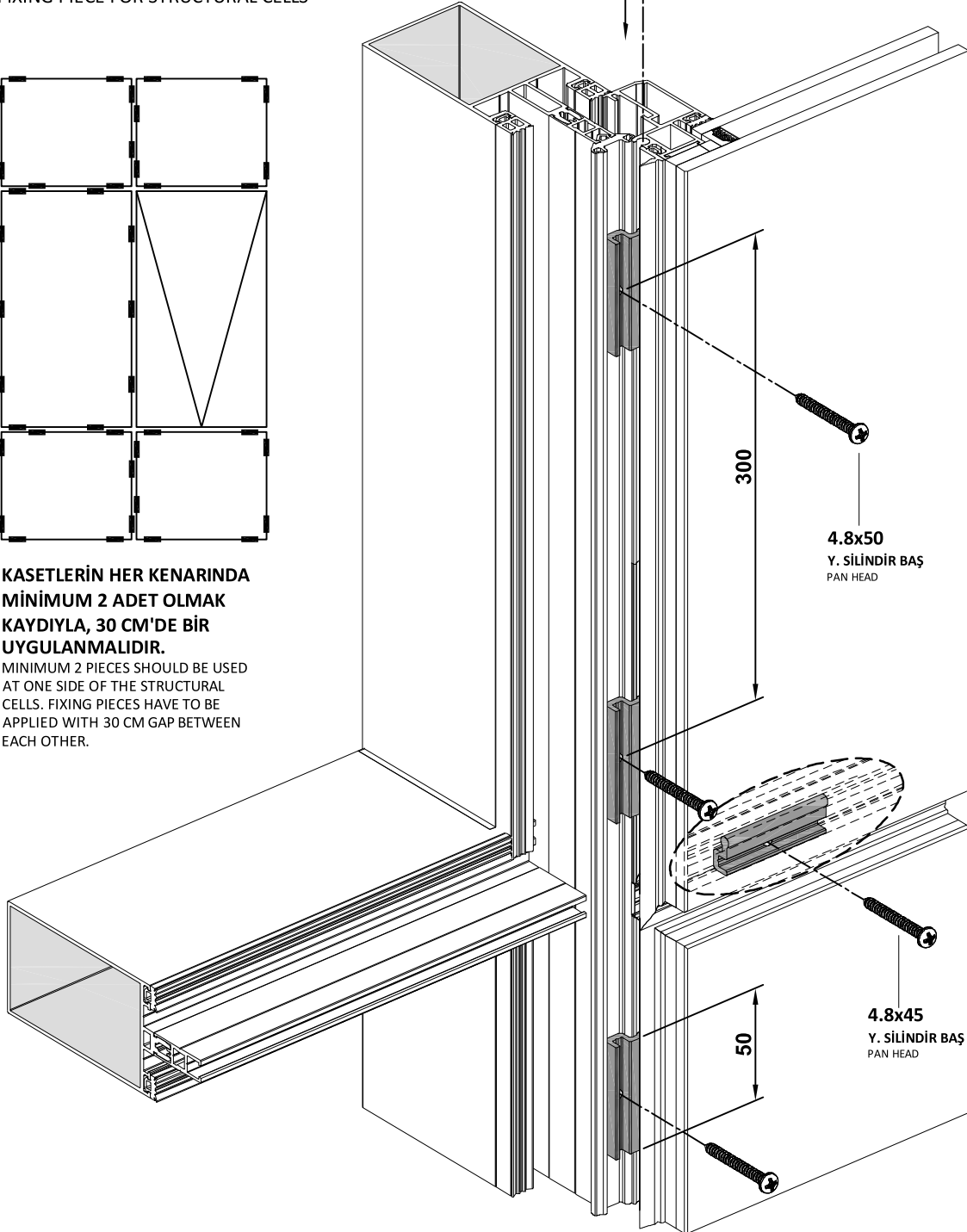
KASET SABİTLEME PARÇASI
FIXING PIECE FOR STRUCTURAL CELLS

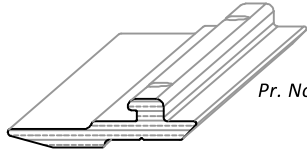


**KASETLERİN HER KENARINDA
MİNİMUM 2 ADET OLMAK
KAYDIYLA, 30 CM'DE BİR
UYGULANMALIDIR.**

MINIMUM 2 PIECES SHOULD BE USED
AT ONE SIDE OF THE STRUCTURAL
CELLS. FIXING PIECES HAVE TO BE
APPLIED WITH 30 CM GAP BETWEEN
EACH OTHER.

**** KASET SABİTLEME
PARÇALARI, KÖŞELER
PRESLENMEDEN ÖNCE
TAKILMALIDIR.**
FIXING PIECES SHOULD BE
INSTALLED BEFORE THE CORNER
CLEAT JOINTS APPLIED.

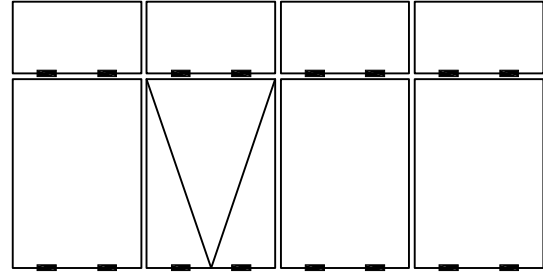




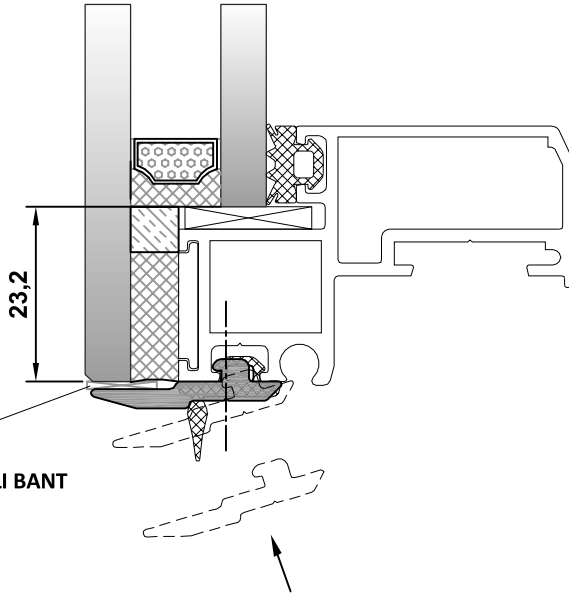
Pr. No: 20038

181005

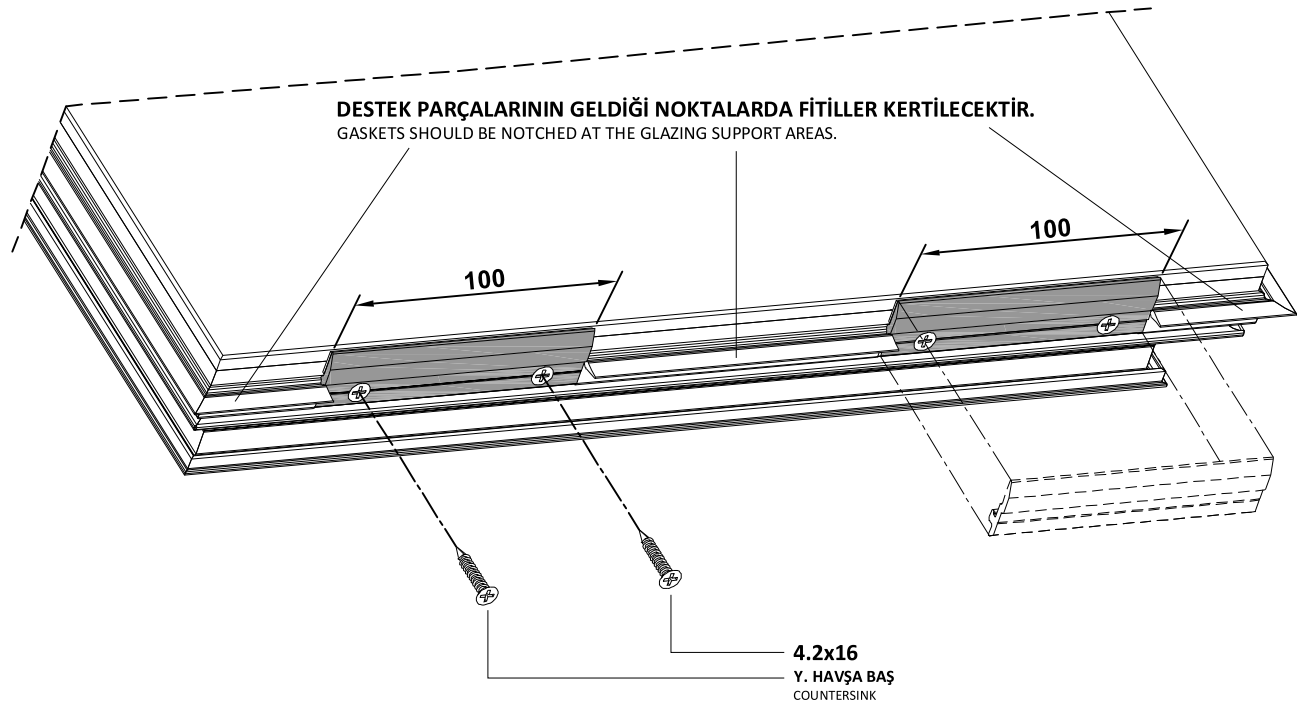
KASET CAM ALTI DESTEK PARÇASI
GLAZING SUPPORT FOR STRUCTURAL CELLS



TÜM KASETLERİN ALTINDA İKİŞER ADET KULLANILIR.
USING TWO PIECES AT THE BOTTOM OF THE STRUCTURAL CELLS.

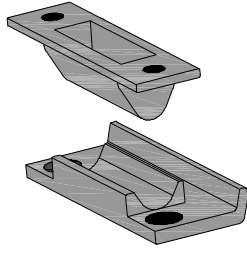


1,6mm TEK TARAFLI YAPIŞKANLI BANT
1,6mm ONE SIDED TAPE

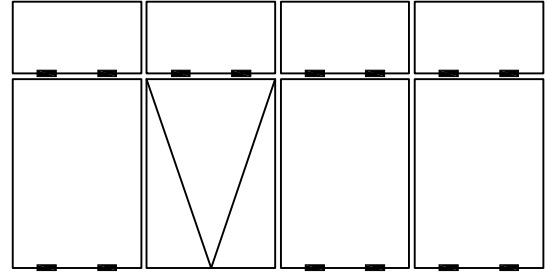


DESTEK PARÇALARININ GELDİĞİ NOKTALARDA FİTİLLER KERTİLECEKTİR.
GASKETS SHOULD BE NOTCHED AT THE GLAZING SUPPORT AREAS.

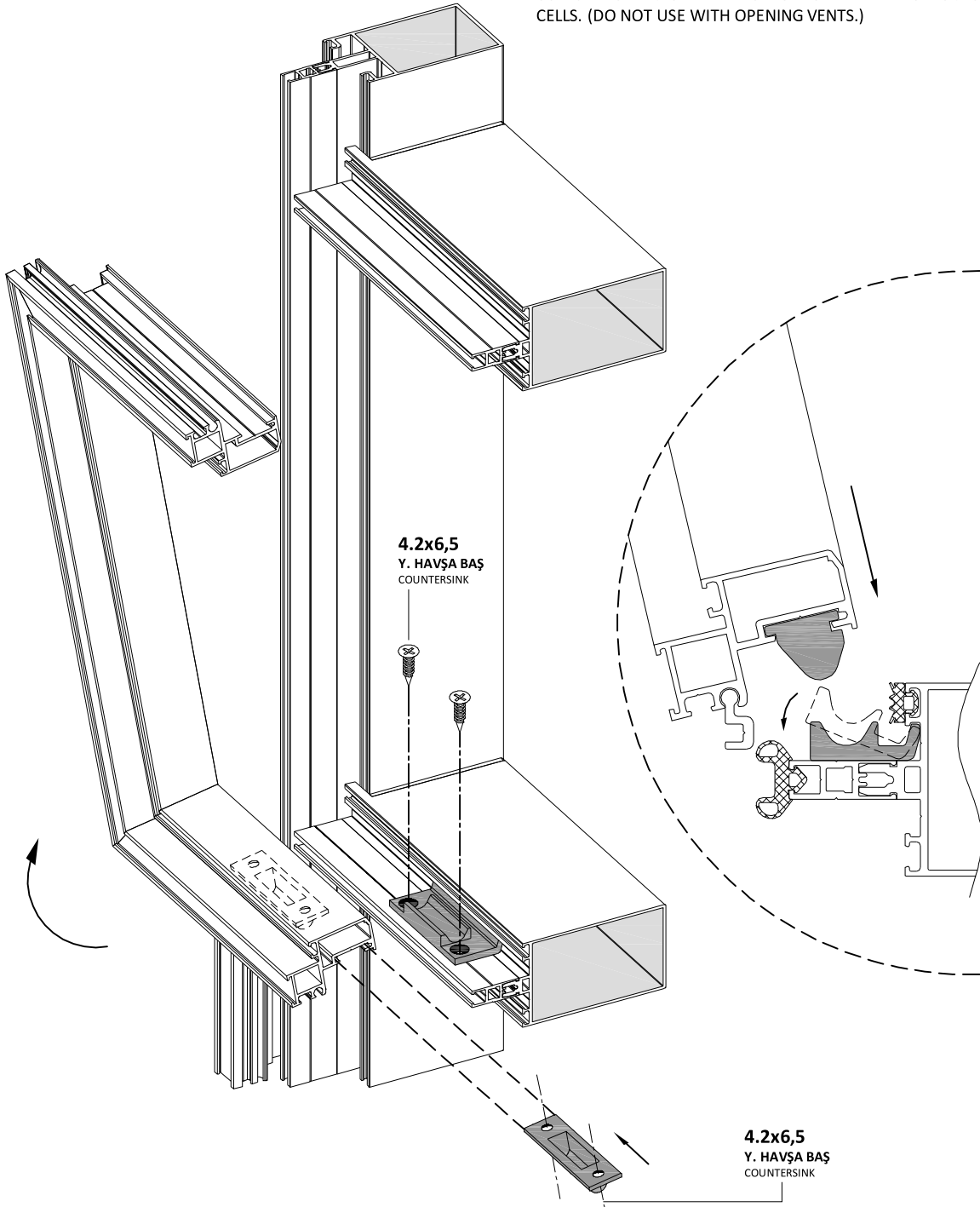
4.2x16
Y. HAVŞA BAŞ
COUNTERSINK

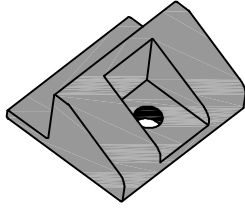
**332001**

MESAFE BELİRLEYİCİ SABİTLEME PARÇASI
SPACER FOR STRUCTURAL CELLS



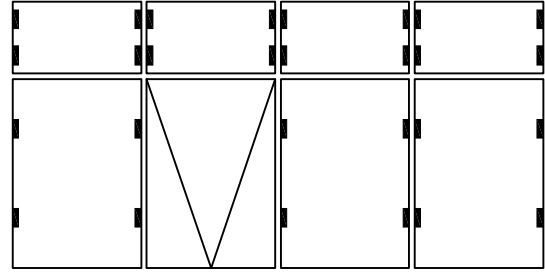
TÜM SABİT KASETLERİN ALTINDA İKİŞER ADET KULLANILIR.
(AÇILIR KANATLARDAN KULLANILMAZ.)
USING TWO PIECES AT THE BOTTOM OF ALL FIXED STRUCTURAL CELLS. (DO NOT USE WITH OPENING VENTS.)





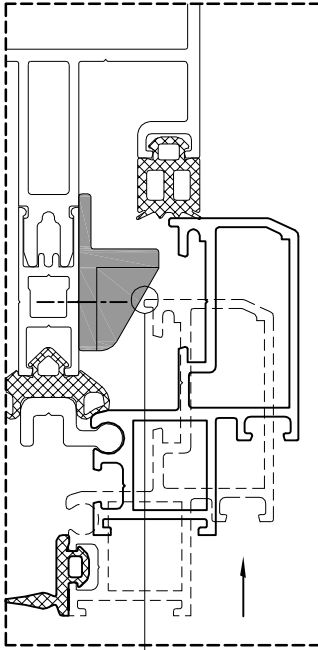
332002

KASET HİZALAMA PARÇASI
ALIGNMENT PIECE FOR STRUCTURAL CELLS

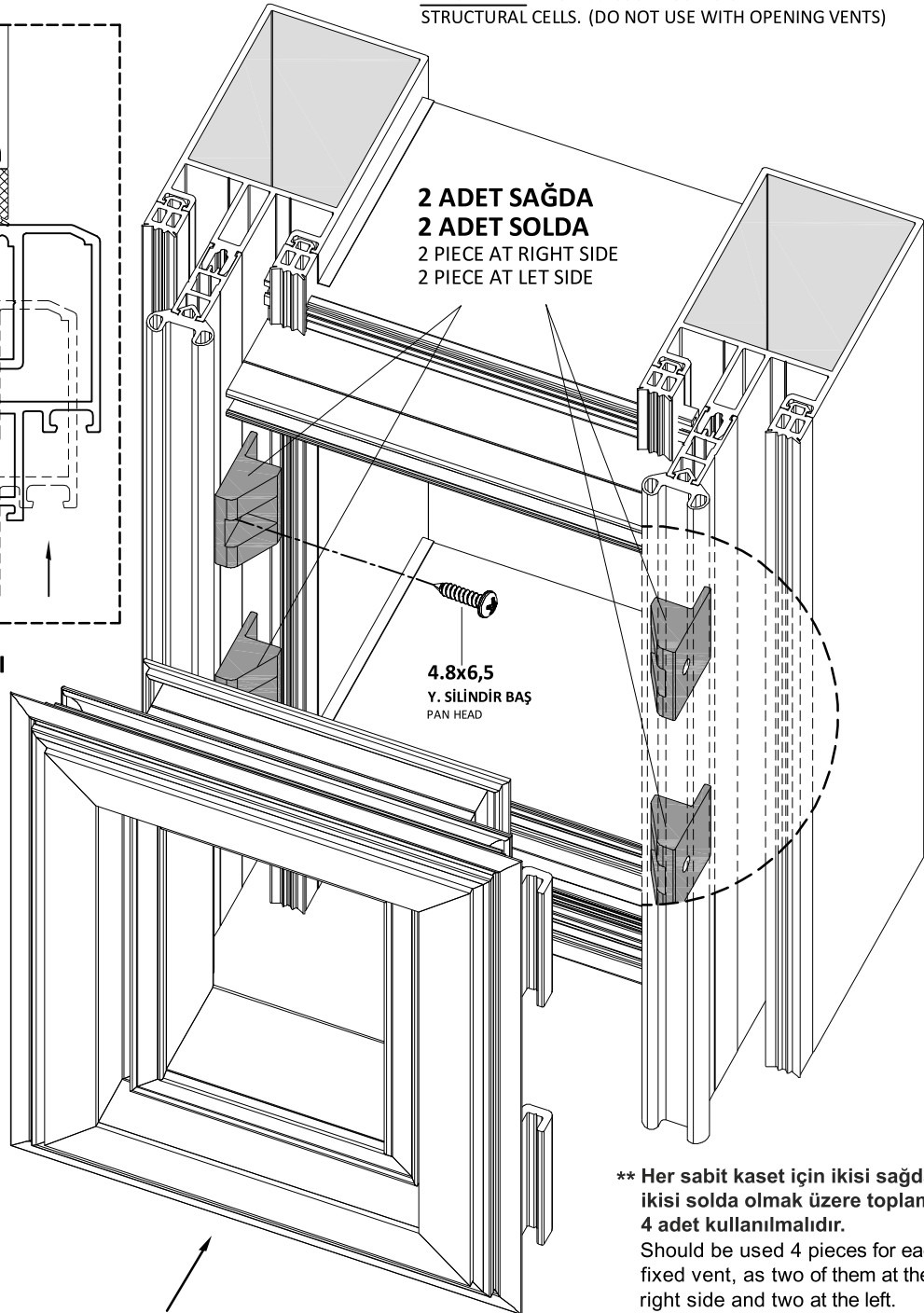


BU AKSESUAR SADECE SABİT KASETLERDE UYGULANIR.
(AÇILIR KANATLARDA KULLANILMAZ.)

IMPORTANT: THIS ACCESSORY USING ONLY WITH FIXED STRUCTURAL CELLS. (DO NOT USE WITH OPENING VENTS)



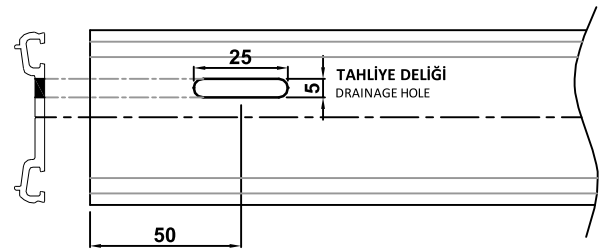
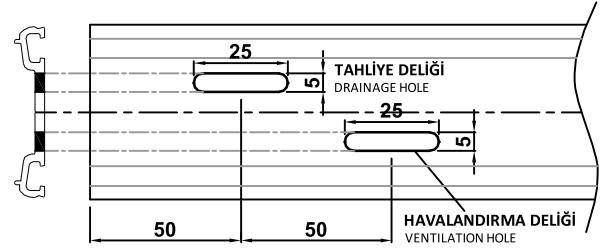
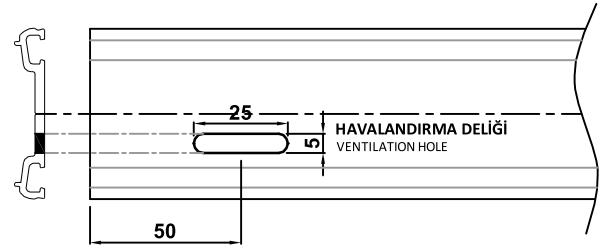
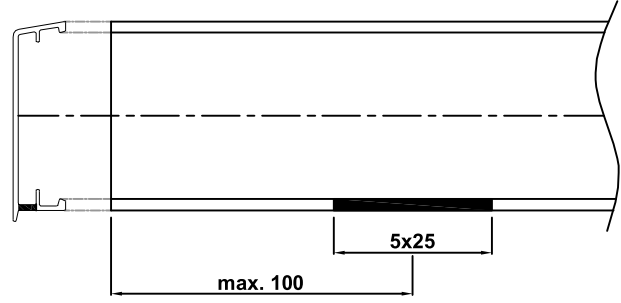
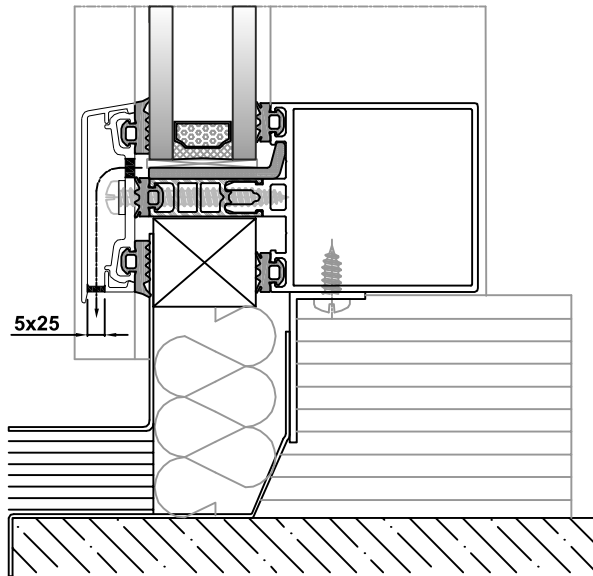
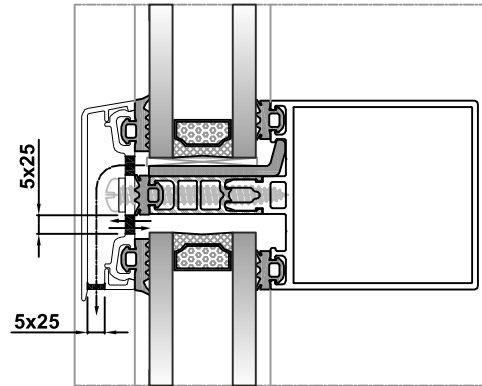
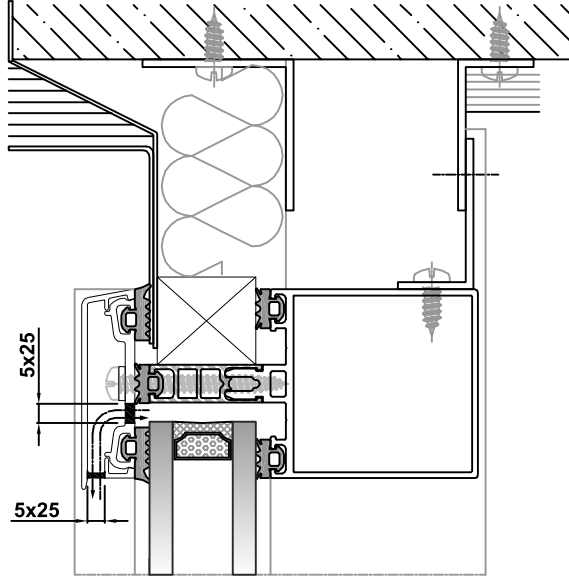
TEMAS NOKTASI
CONTACT POINT



**** Her sabit kaset için ikisi sağda ikisi solda olmak üzere toplam 4 adet kullanılmalıdır.**
Should be used 4 pieces for each fixed vent, as two of them at the right side and two at the left.

TAHLİYE DELİK ŞEMALARI

SCHEMAS OF THE DRAINAGE HOLES

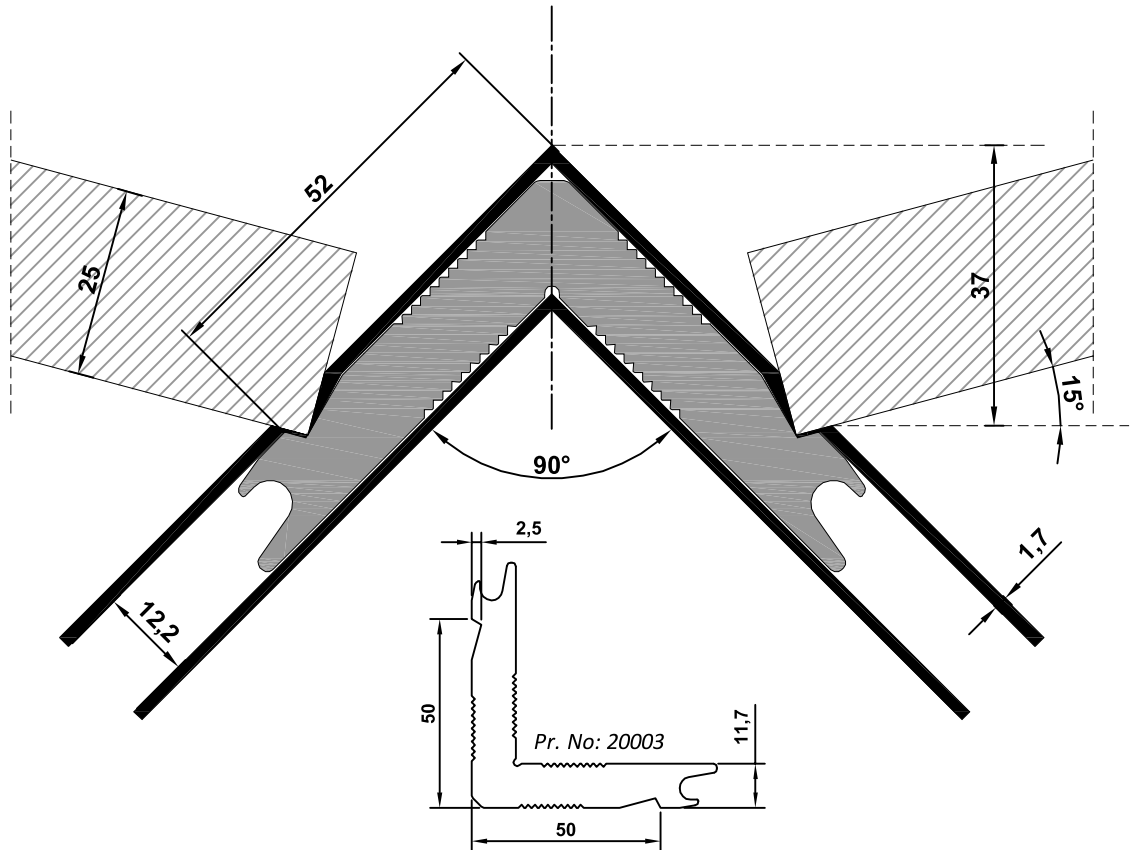
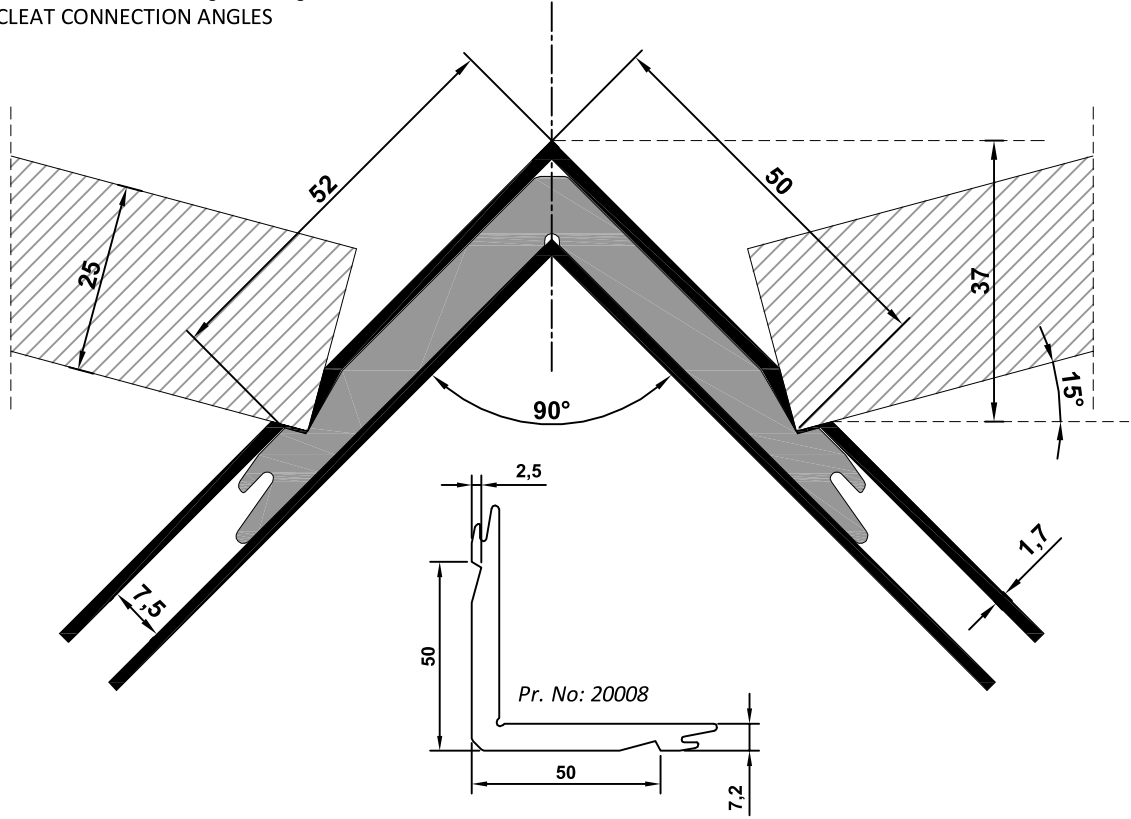


ÖNEMLİ: AÇILAN İKİ DELİK ARASINDA HER DURUMDA EN AZ 50mm HİZA FARKI(ŞAŞIRTMA) OLMALIDIR.
IMPORTANT: AT LEAST 50mm ALIGNING DIFFERENCE SHOULD BE MADE BETWEEN TWO HOLES EVERYTIME.

NOT: 1,5 METREDEN UZUN KAYITLARDAN TAM ORTAYA İLAVE BİR TAHLİYE DAHA AÇILMALIDIR.

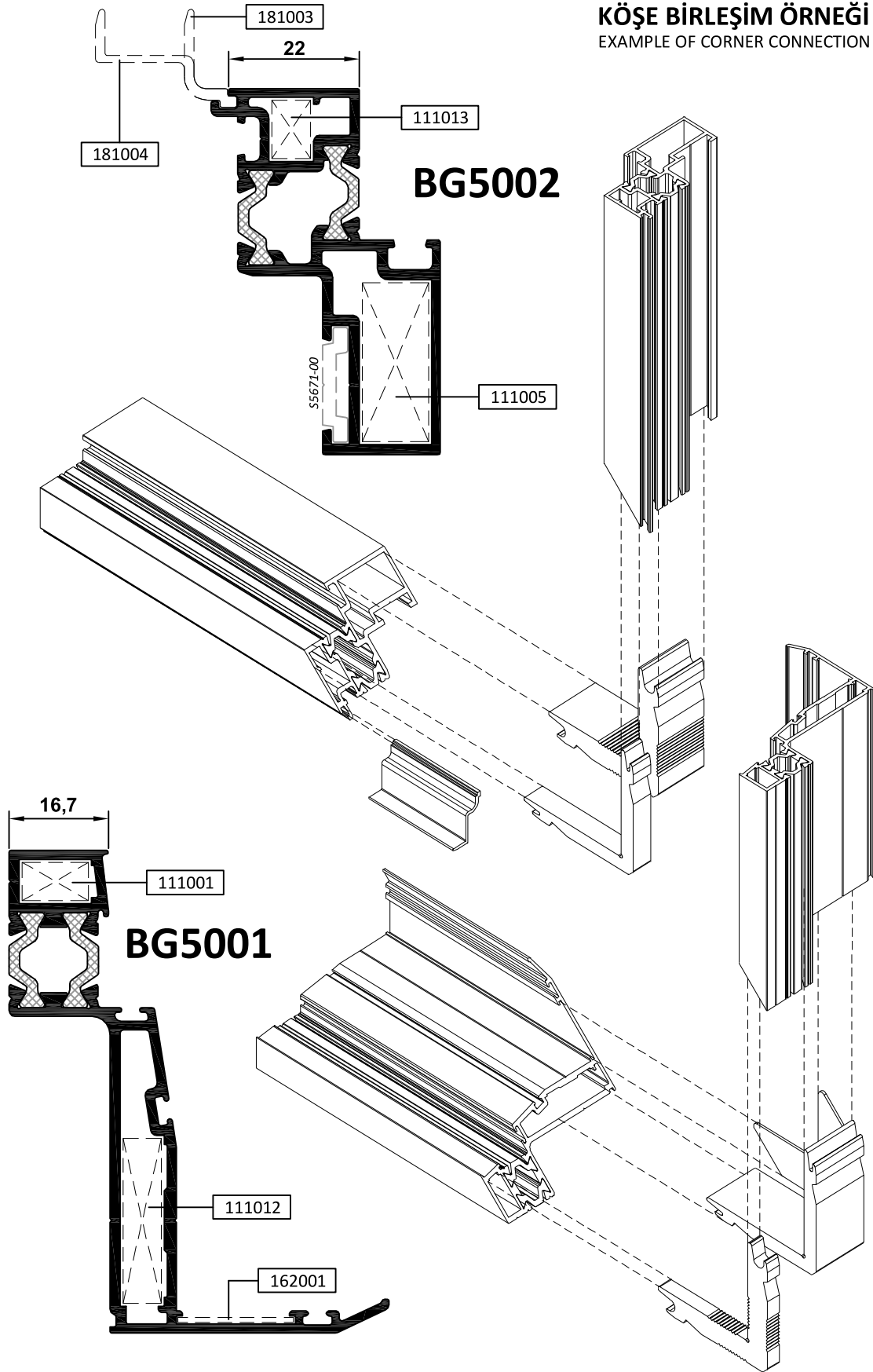
NOTE: ADDITIONAL DRAINAGE HOLE SHOULD BE REQUIRED AT THE MIDDLE FOR TRANSOMS LONGER THAN 1,5 METER.

KÖŞE TAKOZU BİRLEŞİM AÇILARI CORNER CLEAT CONNECTION ANGLES



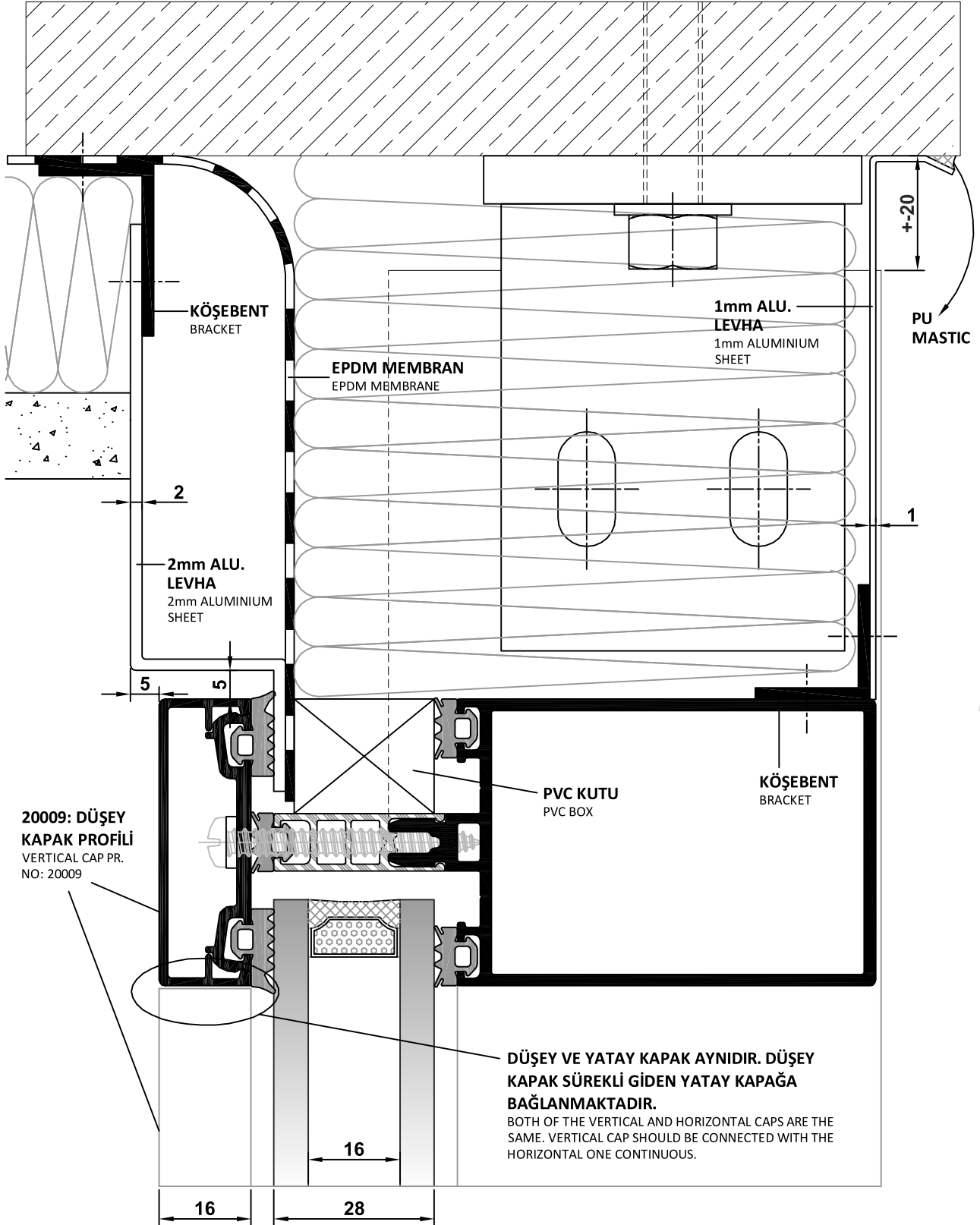
KÖŞE BİRLEŞİM ÖRNEĞİ

EXAMPLE OF CORNER CONNECTION



CEPHE ÜST BİTİŞ DETAYI

TOP END DETAIL OF THE CURTAIN WALL

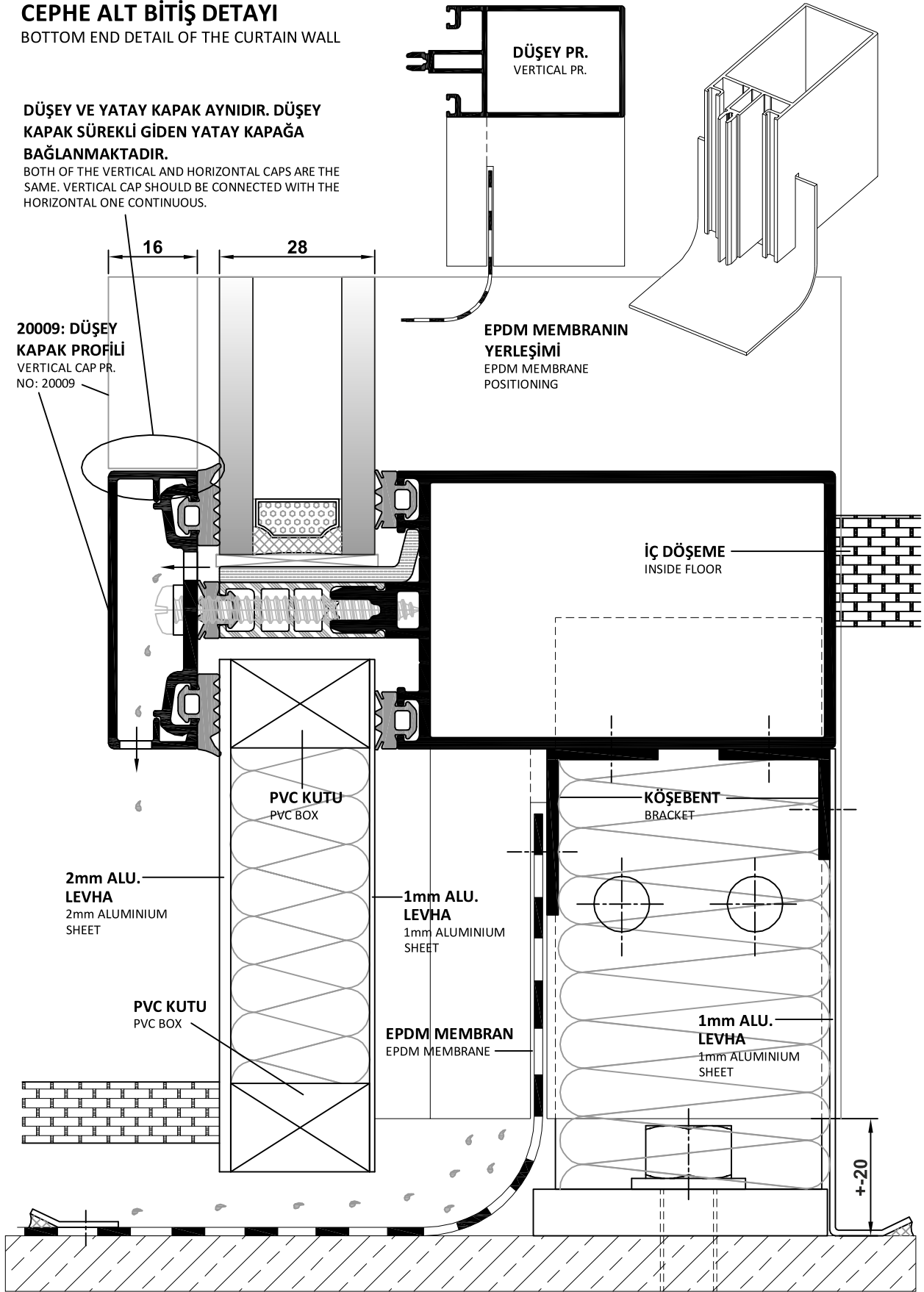


CEPHE ALT BİTİŞ DETAYI

BOTTOM END DETAIL OF THE CURTAIN WALL

DÜŞEY VE YATAY KAPAK AYNIDIR. DÜŞEY KAPAK SÜREKLİ GİDEN YATAY KAPAĞA BAĞLANMAKTADIR.

BOTH OF THE VERTICAL AND HORIZONTAL CAPS ARE THE SAME. VERTICAL CAP SHOULD BE CONNECTED WITH THE HORIZONTAL ONE CONTINUOUS.



KULLANIM ŞARTLARI

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

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

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

Sistemin katalogda belirtilen fitilleme, silikonlama, su tahliyesi ve havalandırma metodlarına uyulmalıdır. İlave her türlü uygulama için 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 kataloğunda belirtilmeyen veya Burak Alüminyum'un onay vermediği aksesuar ve sarf malzemesi kullanımından doğabilecek her türlü sorumluluk uygulamacı firmaya aittir.

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

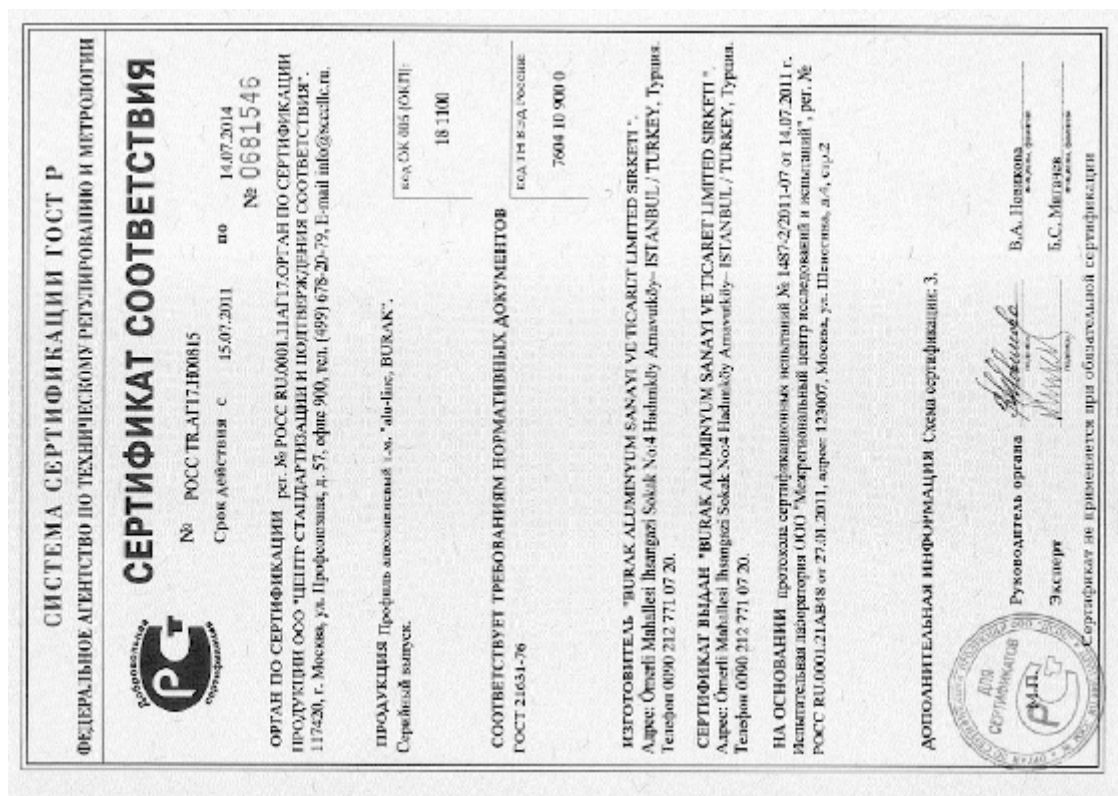
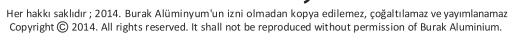
If the profiles was used according to terms of service and they have no mechanical damage or deformation, in any defect situation, our warranty is limited by disassembly, re-product, re-eloxal, re-assembly of faulty pieces. These are subjected to labor law.

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.







Authorization to use the quality sign



This is to certify that

Burak Alüminyum Sanayi Ve Ticaret Anonim Şirketi

Ömerli Mahallesi İhsan Gazi Sokak No:4
TR – 34555 Arnavutköy/İstanbul

Licence number: 1614

is authorized to use the quality sign which is shown above according to the REGULATIONS FOR USE OF THE QUALANOD QUALITY LABEL FOR SULPHURIC ACID-BASED ANODIZING OF ALUMINIUM.

Date of issue of the licence: 31.07.2007

Period of validity of the licence: until 31.12.2013

Zürich, 20 February 2013

QUALANOD

CERTIFICATION BODY

T. Wenzel

Timur Ulucak
President

Qualanod

Josel Schoppig
AC-Fiduciaire SA



Mailing address:
QUALANOD, P.O. Box 1507, CH-8027 Zurich
Domicile:
QUALANOD c/o AC-Fiduciaire SA, Tödistrasse 47, CH-8002 Zurich
Phone: +41 (0)43 305 09 20
Fax: +41 (0)43 305 09 28
E-mail: info@qualanod.net
Internet: www.qualanod.net

Authorization to use the quality sign



This is to certify that

Burak Alüminyum Sanayi Ve Ticaret Anonim Şirketi

Ömerli Mahallesi İhsan Gazi Sokak No:4
TR – 34555 Arnavutköy/İstanbul

Licence number: 1411

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 ALUMINIUM FOR ARCHITECTURAL APPLICATIONS.

Date of issue of the licence: 31.07.2007

Period of validity of the licence: until 31.12.2013

Zürich, 20 February 2013

QUALICOAT

CERTIFICATION BODY

M.C. Panam

Mohammed C. Panam
President

Qualicoat

Josel Schoppig
AC-Fiduciaire SA



Phone: +41 (0)43 305 09 20/29
Fax: +41 (0)43 305 09 28
E-mail: info@qualicoat.net
Internet: www.qualicoat.net





TS-EN-755-1/8/9
TS-EN-12020-1/2
TS-EN-4922



ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



ALUMINIUM ASSOCIATION OF TURKEY
Euras W AA
Qualanod



Gost - R

Hadımköy Merkez Ofis / Fabrika
Hadımköy Head Office / Factory
Ömerli Mah. İhsangazi Sok.No:4
34555 Arnavutköy/İstanbul / Türkiye
Tel : +90 (212) 771 07 20 Pbx
Fax : +90 (212) 771 07 28

İstoç Ofis / İstoç Office
İstoç Oto ve Ticaret Merkezi
Tem Plaza No: 25 Kat:3
Mahmutbey/İstanbul/Türkiye
Tel : +90 (212) 659 32 02
Fax : +90 (212) 659 46 36

Lüleburgaz Fabrika / Factory
Uğurlu Dere Mevkii Muratlı Yolu üzeri
Büyükkarıştıran / Lüleburgaz
3. Km, 39780 Kırklareli / Türkiye
Tel : +90 (288) 436 12 34
Fax: +90 (288) 436 13 63

Ankara Ofis 1 / Ankara Office 1
Karpuzlu 2. Caddesi 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

Romanya Mağaza / Romania Store
Lebada Investment SRL
B-dul Libertatii, Nr.4, Bl.117,
Ap.6, Sector 5 Bucharest / Romania
Tel : 0040 21 410 02 30
Fax : 0040 21 410 02 31



www.burak.com.tr