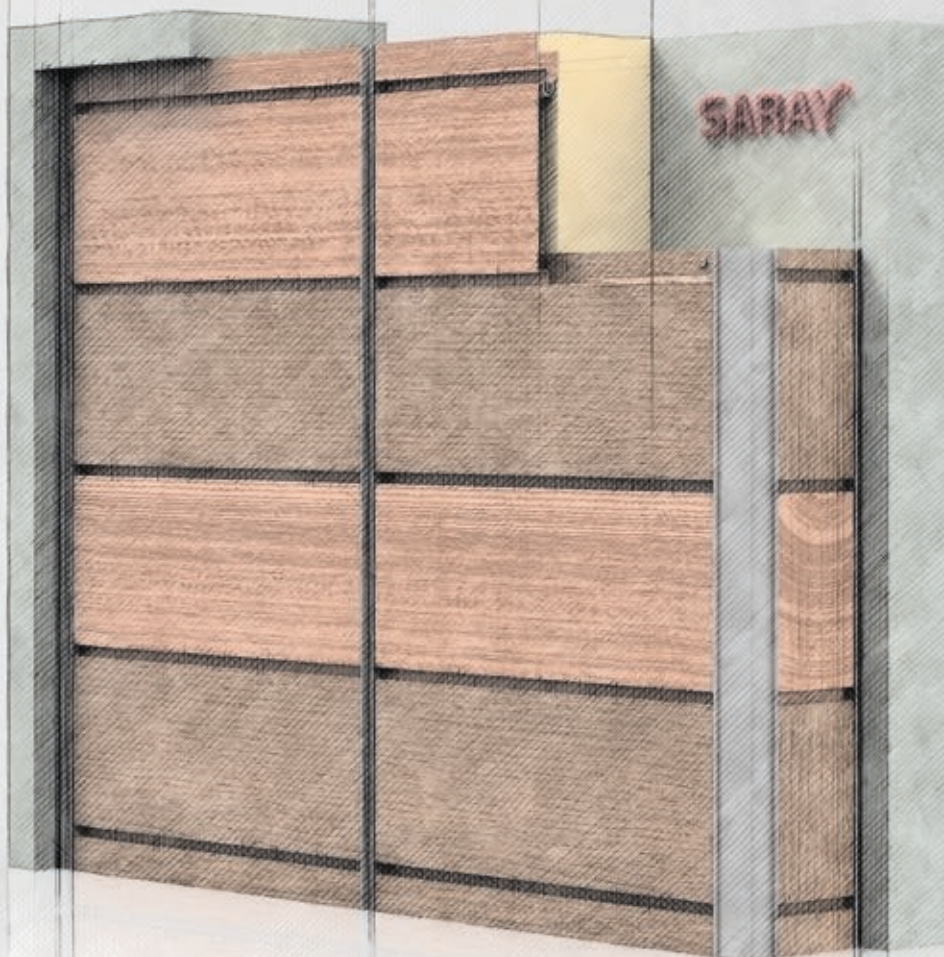


SARAY®

all about **aluminium**



Innovative appearance
on facades

SC72 COTTA TEKNİK LİSTESİ

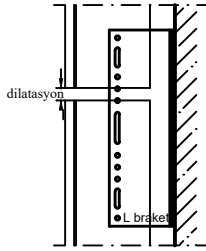
SC72 COTTA TECHNICAL INDEX

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Teknik Bilgiler/Technical Specifications:

- Sistem soğuk cephe (cold facade) sistemine göre çalıştığından atmosfer etkilerine kısmi olarak açıktır. Dolayısı ile kullanılan tüm elemanlar paslanmaz olmalıdır.
Because the system is designed with in the principles of cold facade, it is open to the atmospheric effects. The refore all the components and accessories must be stainless steel.
- Braket veya galvanizli ankrajlar sabitlendikten sonra bina yüksek folyolu dansiteli taş yünü veya foamboard ile kaplanır. Isı yalıtım malzemelerinin kalınlığı yapıda istenilen ısı geçiş katsayısına göre belirlenir.
After positioning of bracket and galvanised anchorages, the building is covered by choosen isolation material (rock wool or styrofoam). The thickness of the isolation material is related with the needed isolation standards of the building.
- Düşey taşıyıcı profillerin ek yeri döşeme hizasında taşıyıcı braket veya galvanizli ankrajlara denk getirilmelidir. Şekil A'da görüldüğü gibi profiller üst noktalarından iki veya braketin uzunluğuna göre daha çok perçinle sabitlenir. Alt noktaları ise bakla deliğinden bağlanarak genişmesi sağlanır.
The connection part of the mullion profiles must be positioned at the floor level and bring equal to the brackets galvanised anchorages. Profiles on the top side should be positioned by two or more (relatedly with the length of the profile) rivets. Bottom side of the profiles should be connected to the canal hole to maintain the dilatation. (Please see the drawing A)

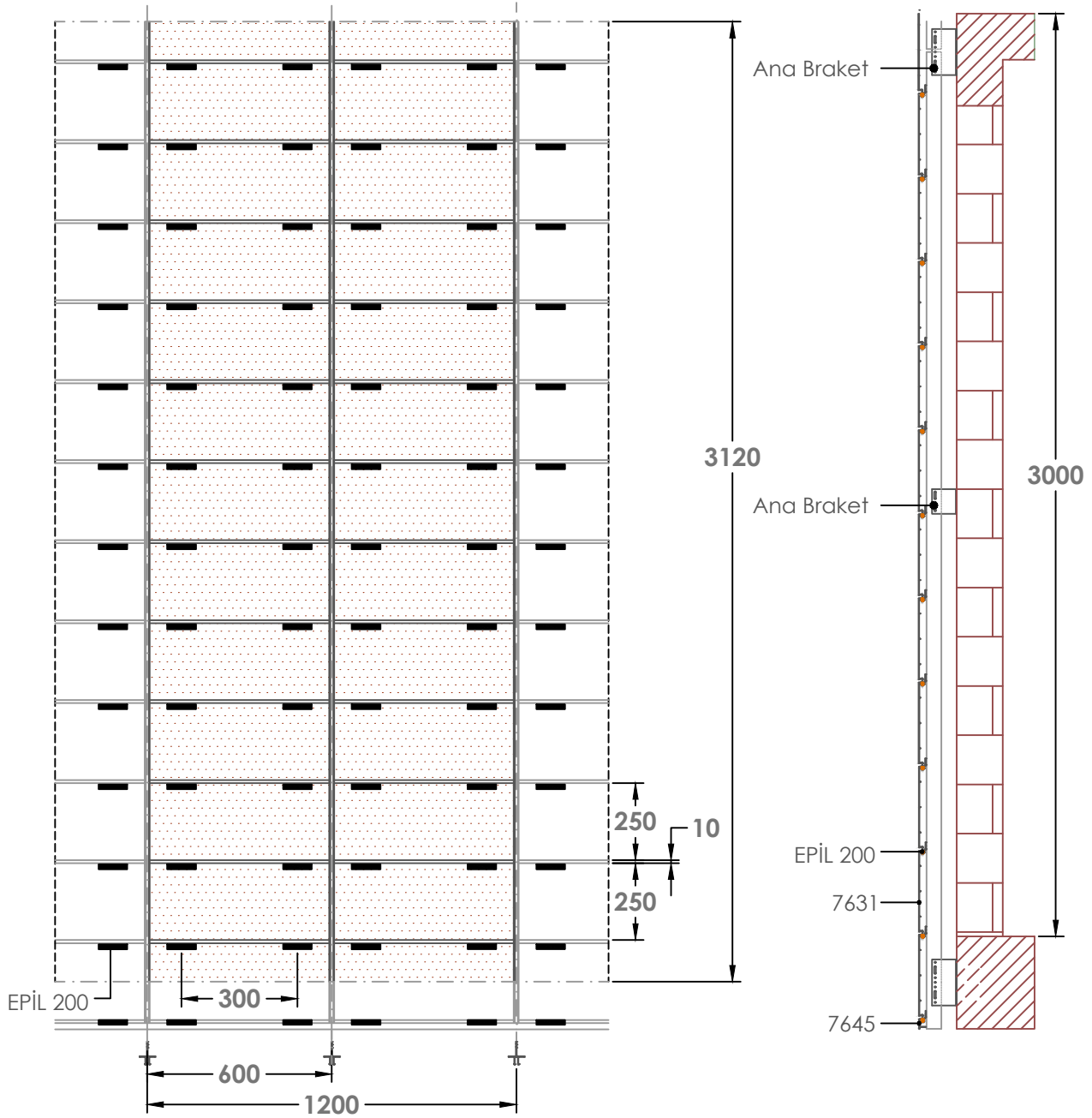


ŞEKİL A

- Yapılmış olan statik hesaplara göre 100 m yüksekliğindeki binalarda $W=132 \text{ kg/m}^2$ C1,20 alınarak, 100 m üstünde ise $W=156 \text{ kg/m}^2$ alınarak yapılan hesaplar iki açıklık ve üç mesnetli olarak kabul edilmiştir. Ankrajların ara mesafesi 100 m yüksekliğindeki binalar için $L=1,50$ m yi 100 m üstü binalar için ;
- $L= 1.25$ m yi geçmesi tavsiye edilmez. 20 mt üzerindeki binalarda 200' lük 7632 nolu cotta lambri kullanılması uygundur.
According to the static calculations $W:132 \text{ kg / m}^2$ C1,20 for the buildings up to 100 m. height, $W:156 \text{ kg/m}^2$ for the buildings higher than 100 m. And calculation have been made considering consistence of two spaces and three supports. The distance between anchorages is not recommended for the buildings up to 100 mt. More than $L: 1,50 \text{ m}$ and for the buildings higher than 100 m. $L:1,25\text{m}$. It is suitable to use cotta profile number 7632 (200 mm) with the buildings higher than 20 m.
- Kullanılacak olan braketler statik hesaba göre belirlenir.
Brackets which will be used are decided according to the static calculation.
Yatay ve düşey derzlerin düzgün devam edebilmesi için braket veya galvanizli ankrajlar çakılmadan ve düşey profiller konmadan önce kotların ölçüm aletleri ile belirlenmesi şarttır.
It is a must to determine the levels with measurement devices before fixation of bracket or galvanised anchorages and mullion profiles to continue proper horizontal or verticals.
- Pencere açıklıkları, harpušta ve bitişlerde su yalıtımı için yalıtım membranı uygulanır.
For water isolation it is needed to apply isolation membrane to the window gaps, end and coping of the building.
- Alüminyum profiller AL MgSi 0,5 F22 (AA 6063-T5) olmalıdır.
Aluminium profiles should be ALMgSi 0,5 F 22 (AA6063 - T5)
- Profiller istenilen renkte boyanır.
Profiles can be painted to any colour.

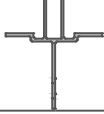
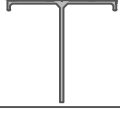
Montaj Sırası/Application:

1. Her katın döşeme hizasına, uygun ölçüde ana braketler veya galvanizli çelik ankrajlar dübellenir. İki ana braket arasına ara braket kullanılır. Braket ve ankrajlar yeterli miktar ve M10x85 -110 çelik paslanmaz çelik dübel ile binaya monte edilir. Ana ankrajlar 2 adet M10 dübel ile, ara ankrajlar 1 adet M10 dübel ile monte edilecektir.
Suitable sized main brackets or galvanised steel anchorages are fixed to each floor's flooring level. Auxiliary brackets are used between each two main brackets. Bracket and anchorages are fixed to the building with enough number of steel (M10*85-110) dowels or stainless steel dowels. Main anchorages should be fixed with 2 pcs of M10 dowels and auxiliary anchorages should be fixed with 1 pcs of M10 dowels.
2. Dikme profilleri braketlere 4,8 x15 mm geniş kafa pop perçin ile veya galvanizli ankrajlar M10x25 mm paslanmaz çelik civata somun grubu ile monte edilir.
Vertical profiles are fixed to the brackets with 4,8*15mm wide head pop rivets or galvanised anchorages are fixed with M10-25mm stainless steel bolt and nut group.
3. Dikme profilleri arasına en alttan başlayarak dikme profiline 4,2x20 mm lik matkap uçlu vida ile bağlanır. Lambri profilleri maksimum 60 cm' de bir vidalanmalıdır. Bir üstteki lambri profili montaj yuvasına geçirilmeden önce topuzuna epil 200 fitil geçirilir. Epil 200 fitiller cephenin hava alabilmesi ve ses izolasyonu bakımından yaklaşık 8 cm uzunluğunda profilin başından ve sonundan 50 mm açıklıktan başlamak sureti ile 30 cm lik aralıklarda parçalar halinde uygulanır.
Cotta profiles are fixed to the mullion profiles using 4,2-20mm drill screws. Cotta profiles should be fixed (screwed) maximum once with every 60 cm. Epil 200 gaskets should be applied to the knob of the cotta profiles before fixation of then extone. Epil 200 gaskets should be used for cotta profiles approximately 8 cm long, one side to another, one with every 30 cm, also beginning and end of the profile with 50 mm innerside.



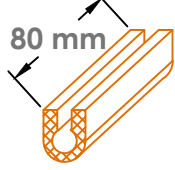
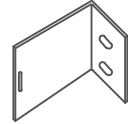
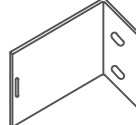
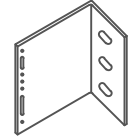
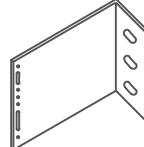
SARAY COTTA ANALİZ ÖRNEĞİ			
(1,20mx3,12m=3,744 m2 için) (1m2=7,72 kg)			
Malzemenin Cinsi	Birim	Miktar	Toplam
7601 Dikme profili	0,870 kg/m	6,240 m (3,12 m x 2 ad)	5,43 kg
7631 250'lik cotta	1,670 kg/m	14,064 m (0,586 mx24 ad)	23,49 kg
80x150 Ana Braket	3 adet	1 adet	3 adet
80x 80 Ara Braket	3 adet	1 adet	3 adet
Epil 200	2 adet	24 adet	48 adet
4,8x15 mm	3x3=9 ad (Ana braket)	9 ad+3 ad	12 ad
Geniş Kafa Pop Perçin	3x1=3 ad (Ara braket)		
Çelik Dübel (paslanmaz)	3x2=6 ad (Ana braket)	9 ad+3 ad	12 ad
	3x1=3 ad (Ara braket)		

SC72 COTTA PROFİL LİSTESİ
SC72 COTTA PROFILES INDEX

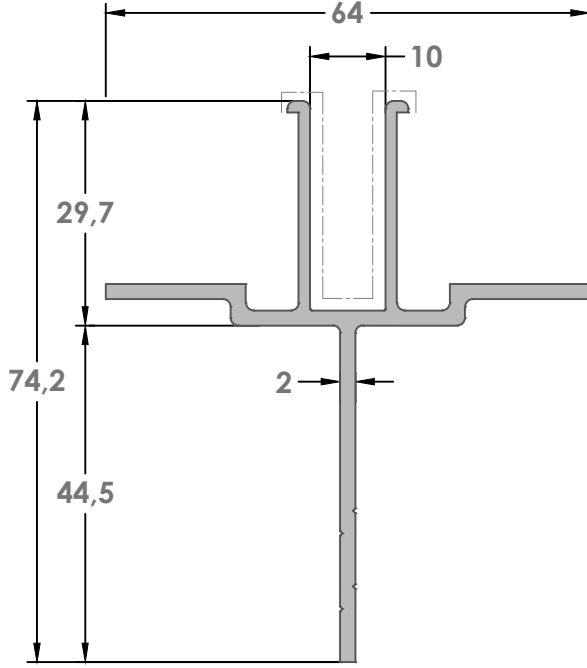
PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	SAYFA PAGE
7601	TAŞIYICI PROFİLİ MULLION PROFILE		16
7857	TAŞIYICI PROFİLİ MULLION PROFILE		16
7124	TAŞIYICI PROFİLİ MULLION PROFILE		16
7635	AÇILI DÖNÜŞ PROFİLİ ANGLE CORNER PROFILE		17
7636	AÇILI DÖNÜŞ PROFİLİ ANGLE CORNER PROFILE		17
7774	AÇILI DÖNÜŞ PROFİLİ ANGLE CORNER PROFILE		18
7775	AÇILI DÖNÜŞ PROFİLİ ANGLE CORNER PROFILE		18
1306	L DESTEK TAŞIYICI PROFİLİ L MULLION PROFILE		18
12193	90° ALT BİTİŞ PROFİLİ 90° FINISHING PROFILE		19
7645	ALT BİTİŞ PROFİLİ FINISHING PROFILE		19
12192	ALT BİTİŞ PROFİLİ FINISHING PROFILE		19
8270	AYARLI ÜST BİTİŞ PROFİLİ ADJUSTABLE TOP FINISHING PROFILE		20
8269	AYARLI ÜST BİTİŞ PROFİLİ ADJUSTABLE TOP FINISHING PROFILE		20
11856	90° DÖNÜŞ PROFİLİ 90° CORNER PROFILE		21
11857	90° DÖNÜŞ PROFİLİ 90° CORNER PROFILE		21

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	SAYFA PAGE
20833	140 mm COTTA PROFİLİ 140 mm COTTA PROFILE		22
11064	140 mm COTTA PROFİLİ 140 mm COTTA PROFILE		22
7600	150 mm COTTA PROFİLİ 150 mm COTTA PROFILE		22
7632	200 mm COTTA PROFİLİ 200 mm COTTA PROFILE		22
7633	225 mm COTTA PROFİLİ 225 mm COTTA PROFILE		23
7631	250 mm COTTA PROFİLİ 250 mm COTTA PROFILE		23
7634	250 mm FUGALI COTTA PROFİLİ 250 mm COTTA PROFILE WITH FUGE		23
20834	20833 KAPAK PROFİLİ 20833 COVER PROFILE		18
3958	KOMPOZİT PROFİLİ COMPOSITE PROFILE		19
4747	L BRACKET 54X80 mm PROFİLİ L BRACKET 54X80 mm PROFILE		24
4748	L BRACKET 54X120 mm PROFİLİ L BRACKET 54X120 mm PROFILE		24
4749	L BRACKET 54X160 mm PROFİLİ L BRACKET 54X160 mm PROFILE		24

**SC72 SARAY COTTA ALÜMİNYUM
CEPHE KAPLAMA FİTİL VE AKSESUARLAR**
SC72 SARAY COTTA ALUMINIUM FACADE
CLADDING GASKETS AND ACCESSORIES

AKSESUAR KODU ACCESSORY CODE	MALZEME TANIMI DESCRIPTION	Çizim DRAWING	MALZEME MATERIAL
EPİL 200	U FİTİLİ / (300 m ARA İLE KULLANILIR.) / U GASKET KOLİ MİKTARI / PACKAGE QUANTITY: 250 m / koli		EPDM EPDM
SC 526 80	L ARA BRAKET 80/80 / L ARA BRACKET 80/80 KOLİ MİKTARI / PACKAGE QUANTITY: İSTENİLEN MİKTARDA ADET		ALÜMİNYUM ALUMINIUM
SC 527 80	L ARA BRAKET 120/80 / L ARA BRACKET 120/80 KOLİ MİKTARI / PACKAGE QUANTITY: İSTENİLEN MİKTARDA ADET		ALÜMİNYUM ALUMINIUM
SC 528 80	L ARA BRAKET 160/80 / L ARA BRACKET 160/80 KOLİ MİKTARI / PACKAGE QUANTITY: İSTENİLEN MİKTARDA ADET		ALÜMİNYUM ALUMINIUM
SC 526 150	L ARA BRAKET 80/150 / L ARA BRACKET 80/150 KOLİ MİKTARI / PACKAGE QUANTITY: İSTENİLEN MİKTARDA ADET		ALÜMİNYUM ALUMINIUM
SC 527 150	L ARA BRAKET 120/150 / L ARA BRACKET 120/150 KOLİ MİKTARI / PACKAGE QUANTITY: İSTENİLEN MİKTARDA ADET		ALÜMİNYUM ALUMINIUM
SC 528 150	L ARA BRAKET 160/150 / L ARA BRACKET 160/150 KOLİ MİKTARI / PACKAGE QUANTITY: İSTENİLEN MİKTARDA ADET		ALÜMİNYUM ALUMINIUM

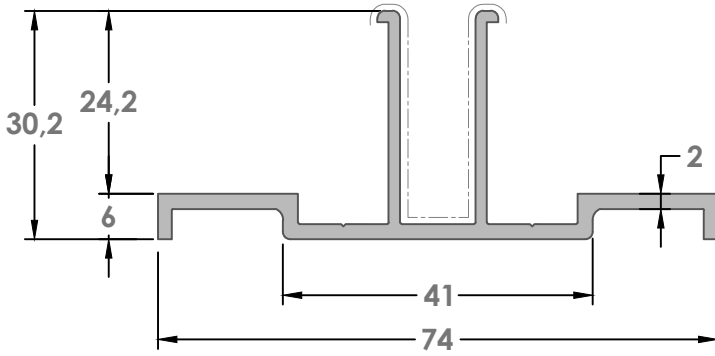
**SC72 SARAY COTTA ALÜMİNYUM
CEPHE KAPLAMA SİSTEM PROFİLLERİ**
SC72 SARAY COTTA ALUMINIUM
FACADE CLADDING SYSTEMS PROFILES



PRF 7601

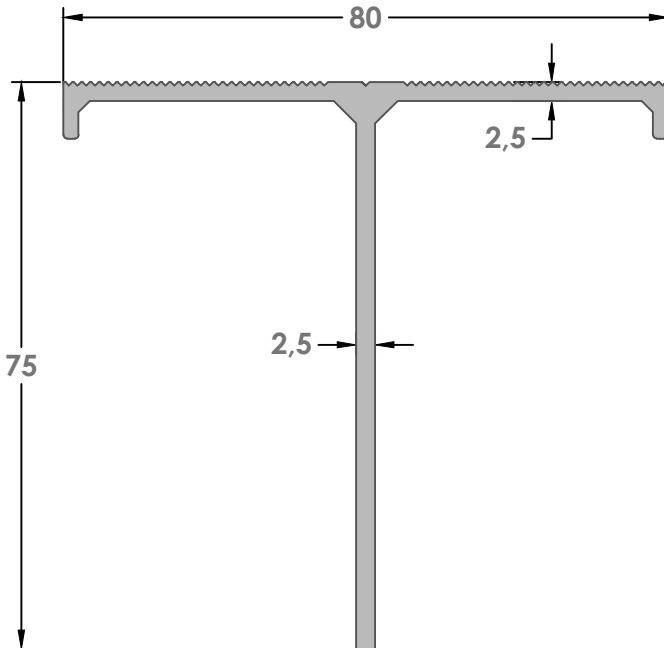
JX (cm ⁴)	y x	JY (cm ⁴)
8,92		4,97

AĞIRLIK / WEIGHT
(KG/M)
0,870



PRF 7857

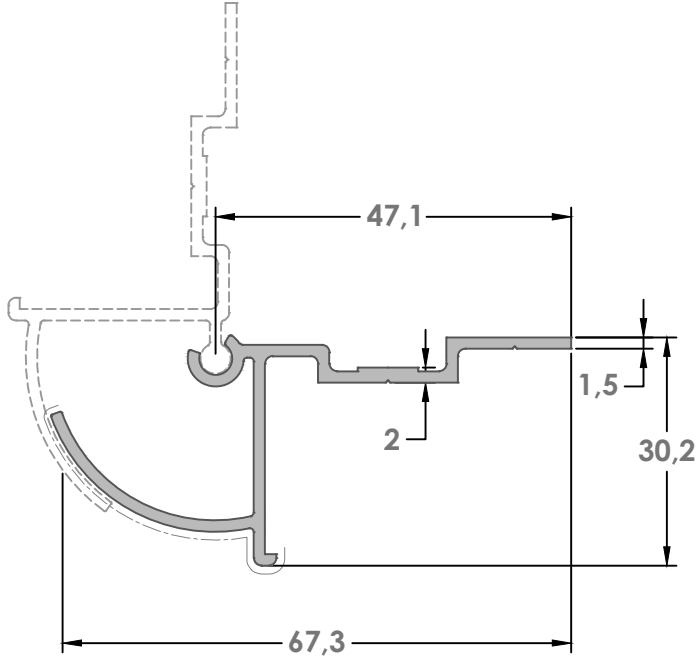
AĞIRLIK / WEIGHT
(KG/M.)
0,730



PRF 7124

JX (cm ⁴)	y x	JY (cm ⁴)
21,44		13,10

AĞIRLIK / WEIGHT
(KG/M)
1,090

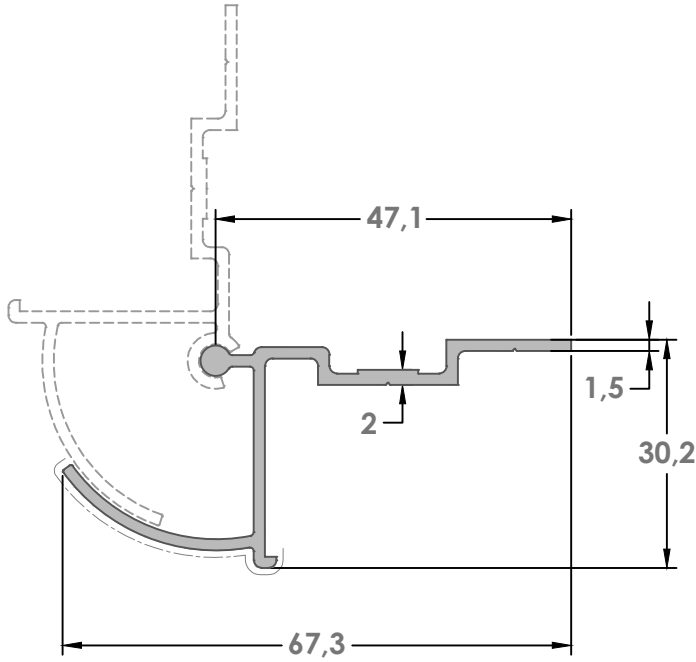


PRF 7635

AĞIRLIK / WEIGHT

(KG/M.)

0,535

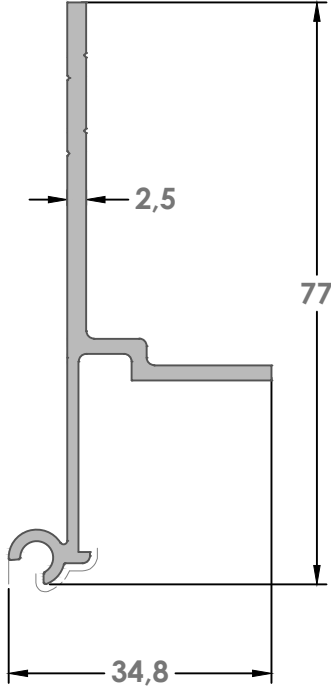


PRF 7636

AĞIRLIK / WEIGHT

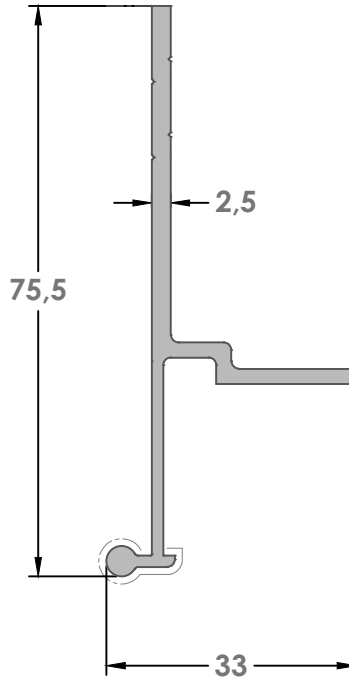
(KG/M.)

0,505



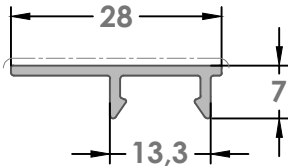
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AĞIRLIK / WEIGHT
(KG/M.)
0,650



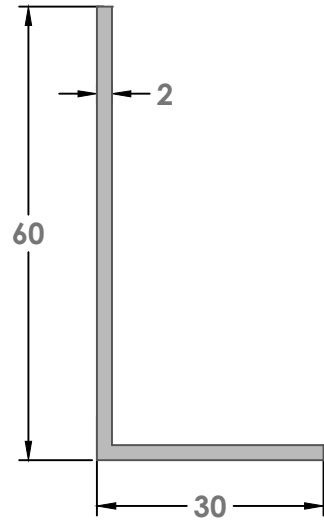
PRF 7775

AĞIRLIK / WEIGHT
(KG/M.)
0,635



PRF 20834

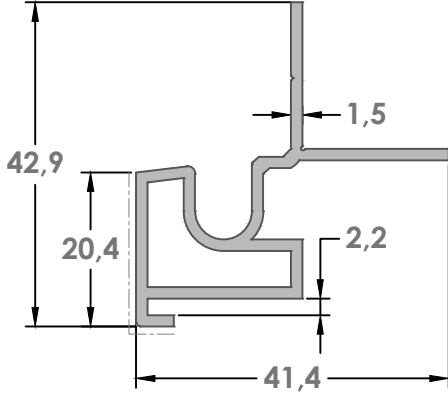
AĞIRLIK / WEIGHT
(KG/M.)
0,141



PRF 1306

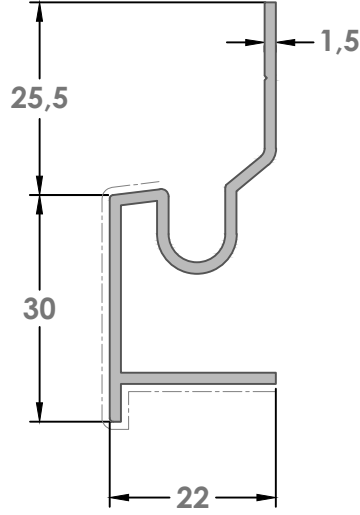
JX (cm ⁴) 7,27		JY (cm ⁴) 0,77
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AĞIRLIK / WEIGHT
(KG/M)
0,480



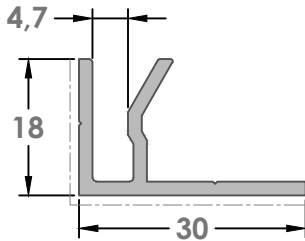
PRF 12193

AĞIRLIK / WEIGHT
(KG/M.)
0,545



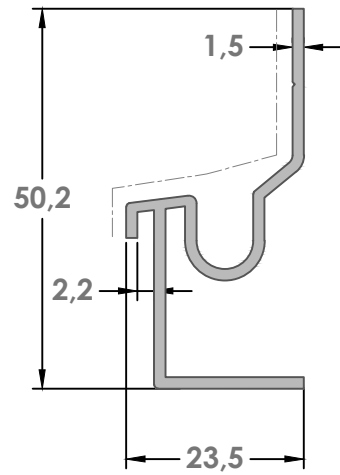
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AĞIRLIK / WEIGHT
(KG/M.)
0,450



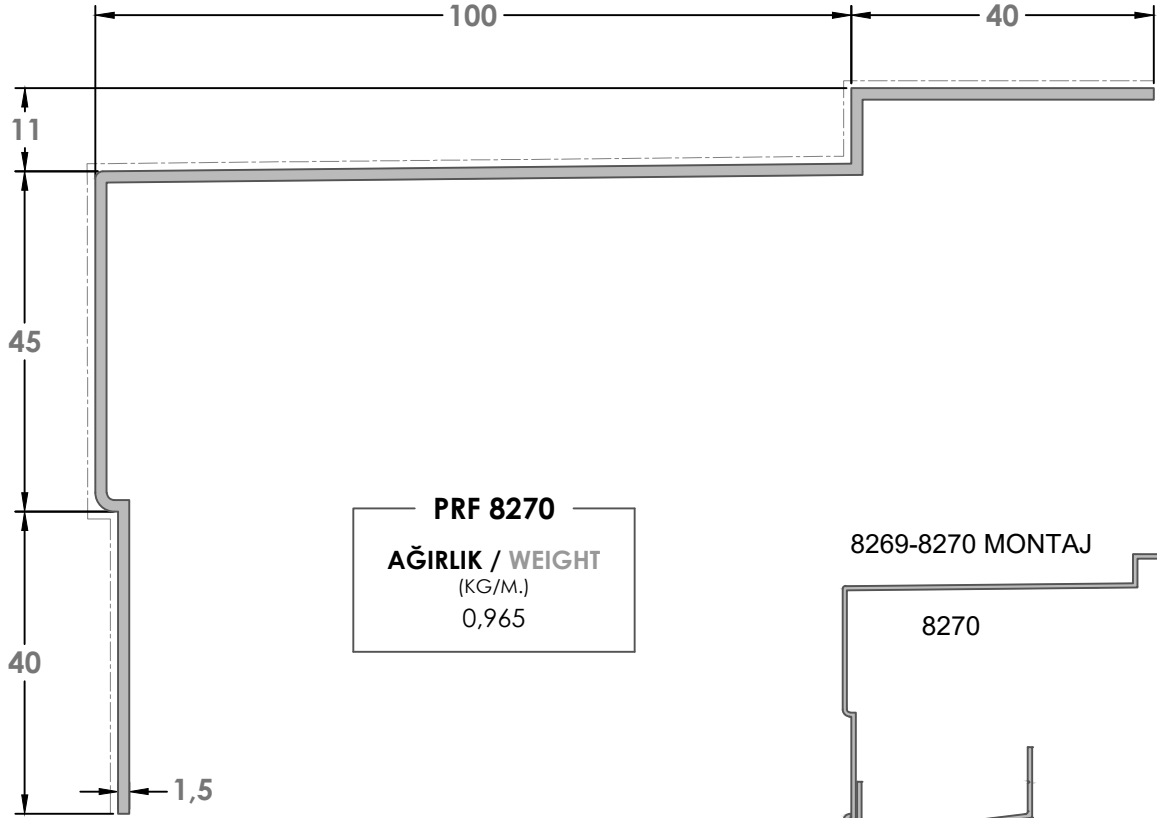
PRF 3958

AĞIRLIK / WEIGHT
(KG/M.)
0,245



PRF 12192

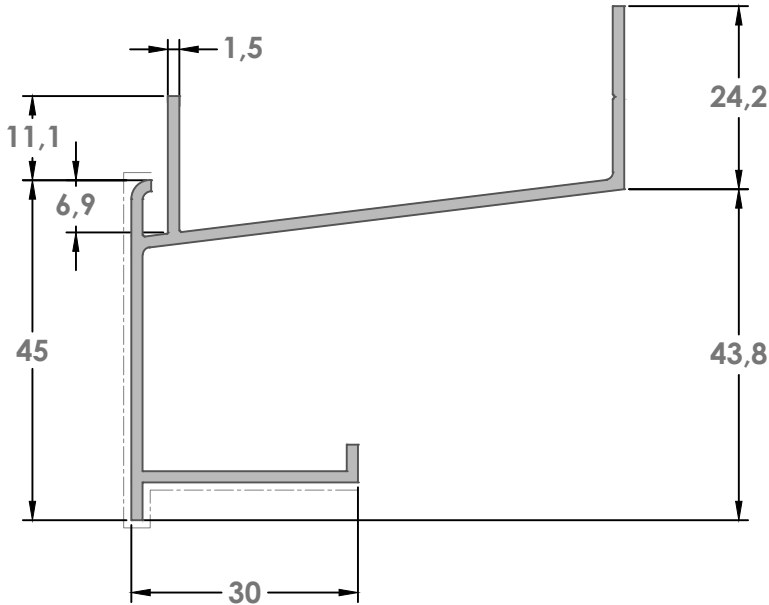
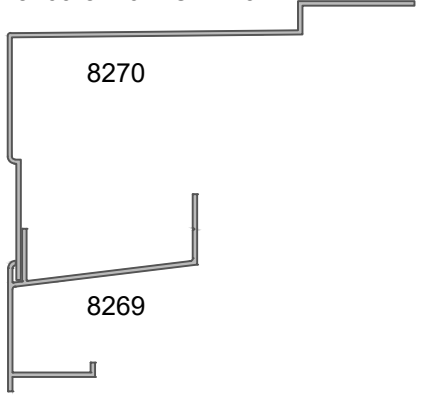
AĞIRLIK / WEIGHT
(KG/M.)
0,430



PRF 8270

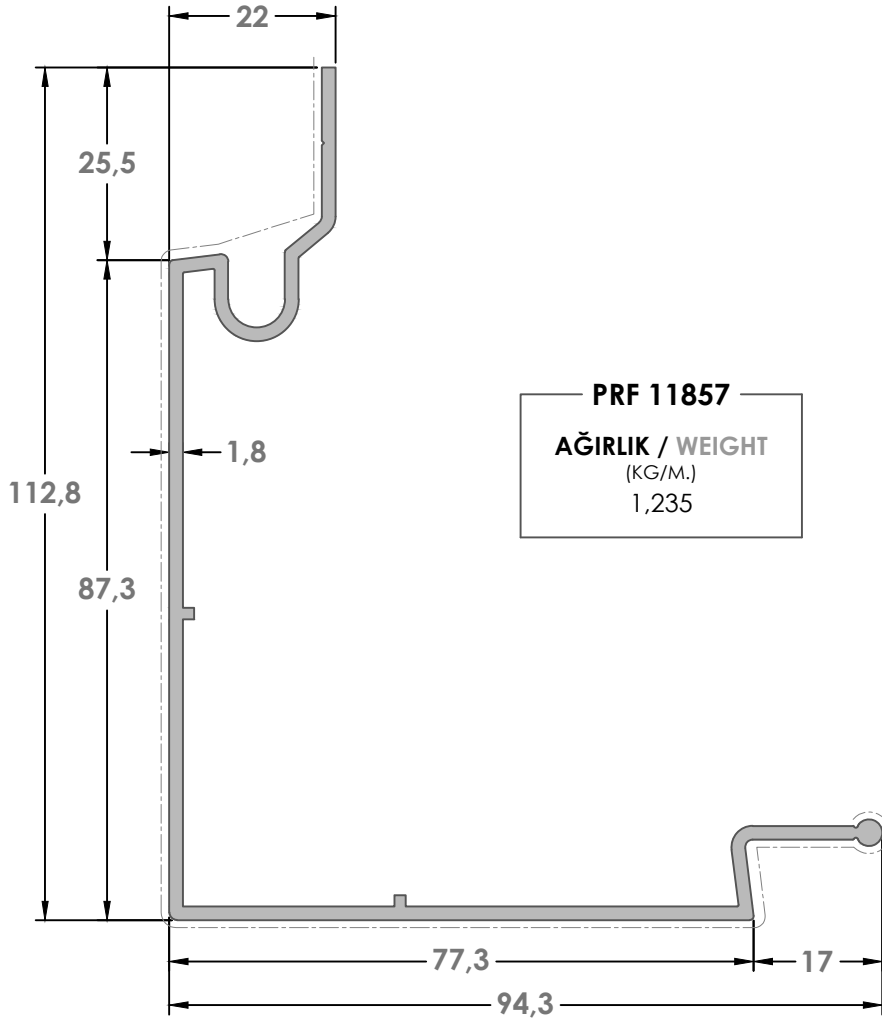
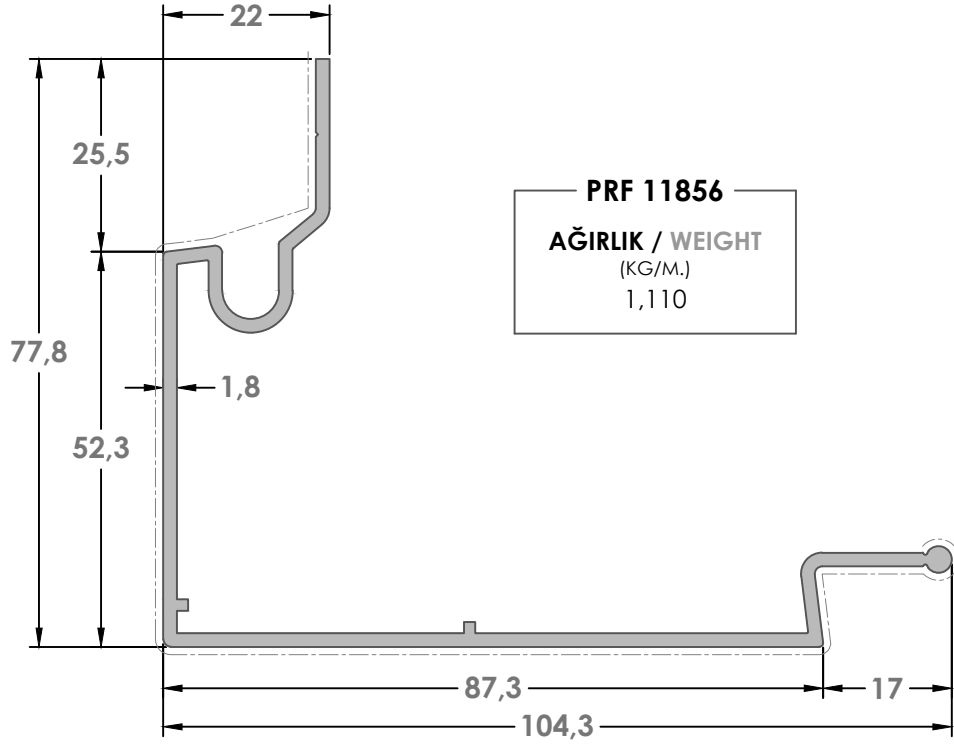
AĞIRLIK / WEIGHT
(KG/M.)
0,965

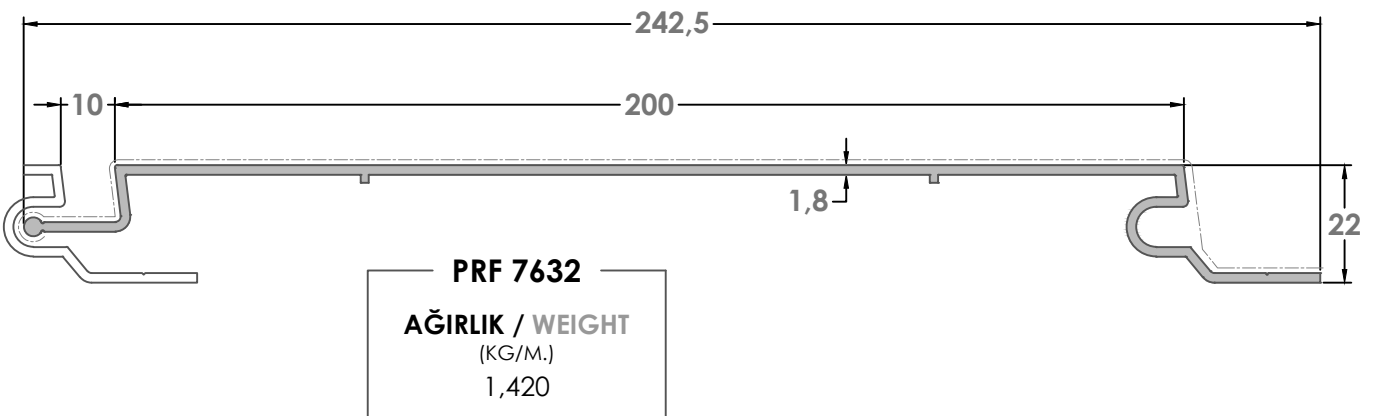
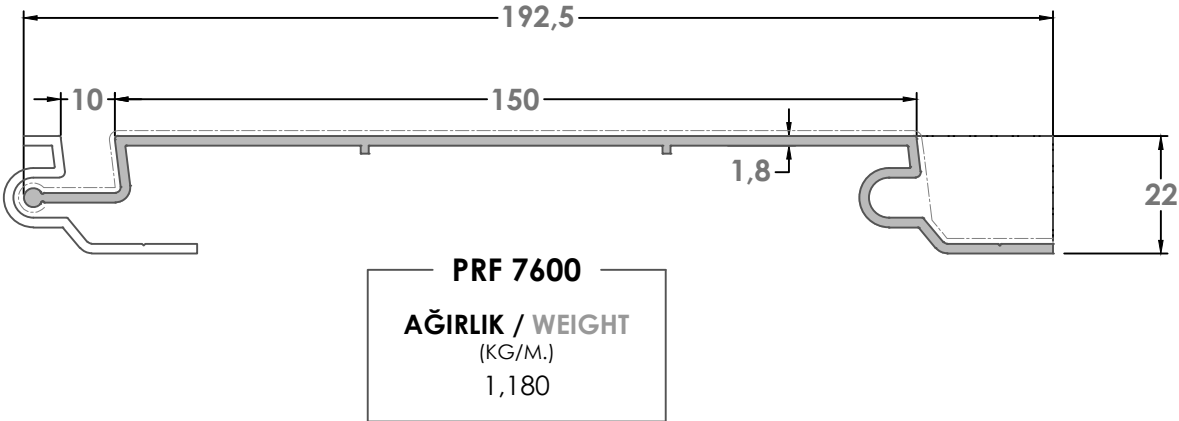
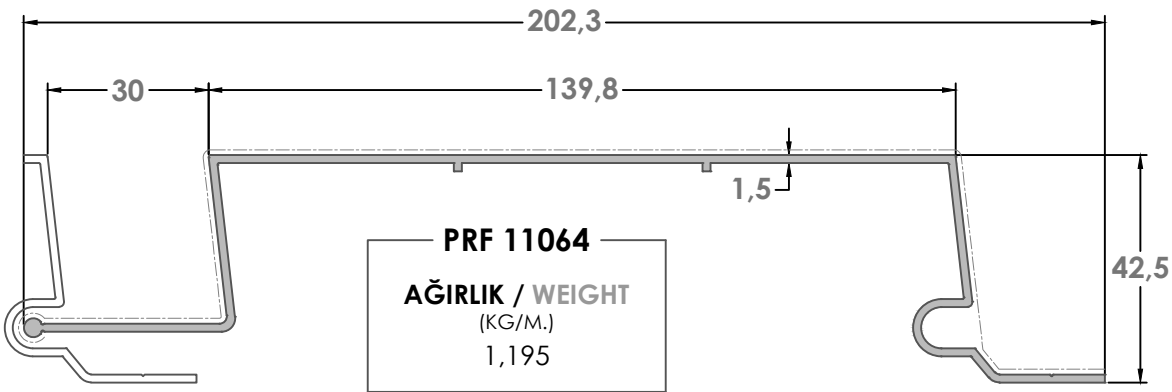
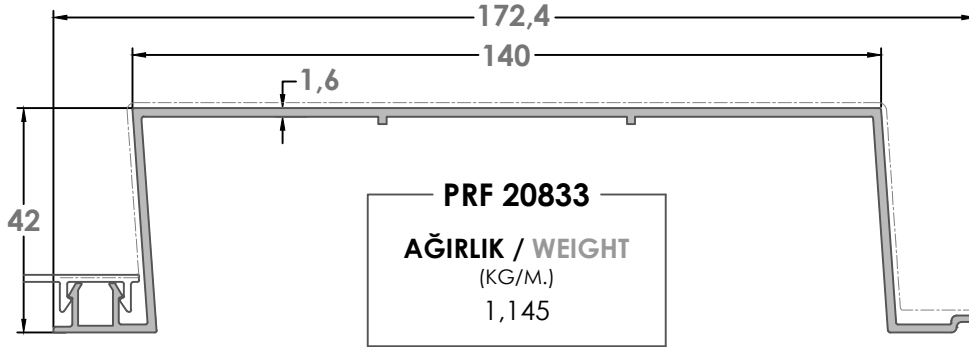
8269-8270 MONTAJ

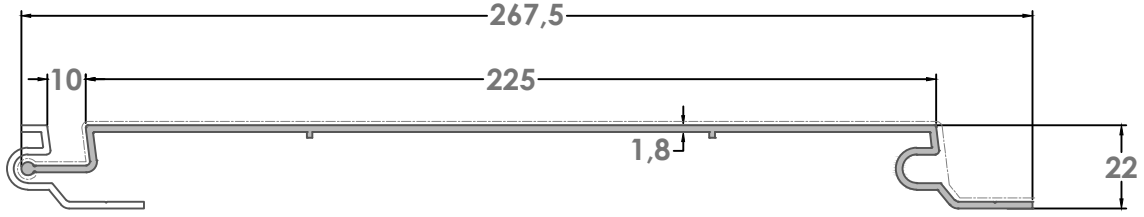


PRF 8269

AĞIRLIK / WEIGHT
(KG/M.)
0,750





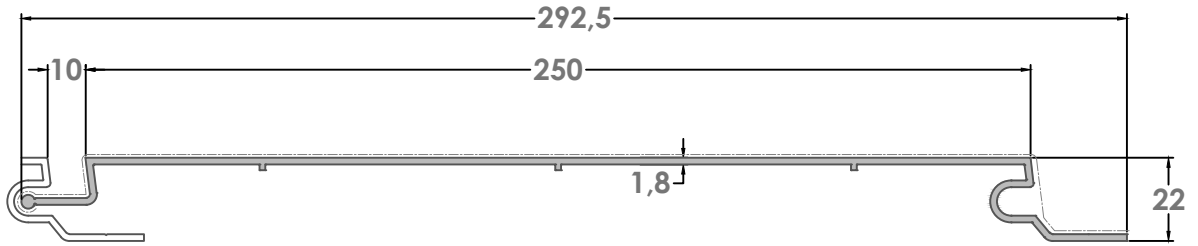


PRF 7633

AĞIRLIK / WEIGHT

(KG/M.)

1,545

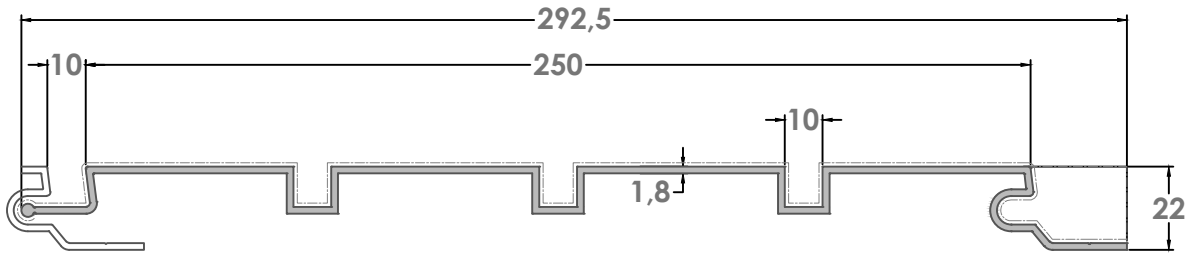


PRF 7631

AĞIRLIK / WEIGHT

(KG/M.)

1,670



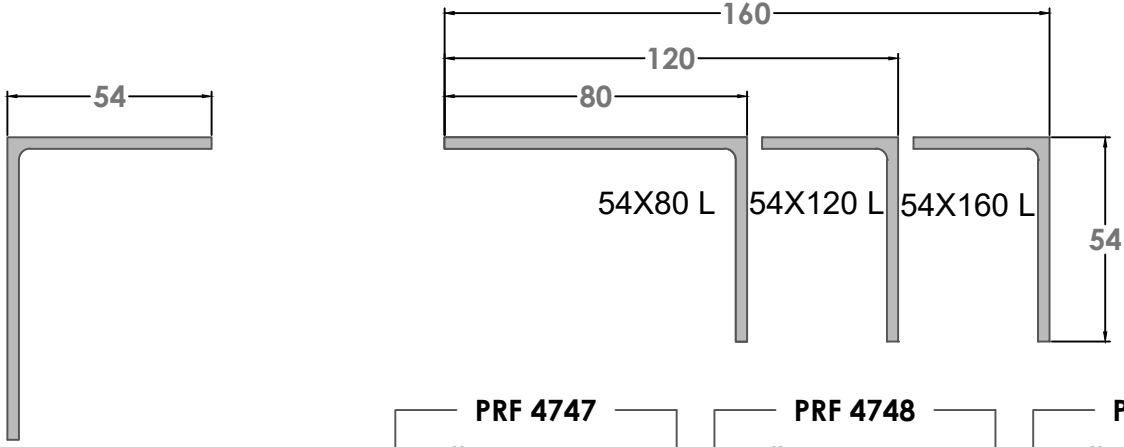
PRF 7634

AĞIRLIK / WEIGHT

(KG/M.)

1,965

L BRAKETLER L BRACKETS



PRF 4747

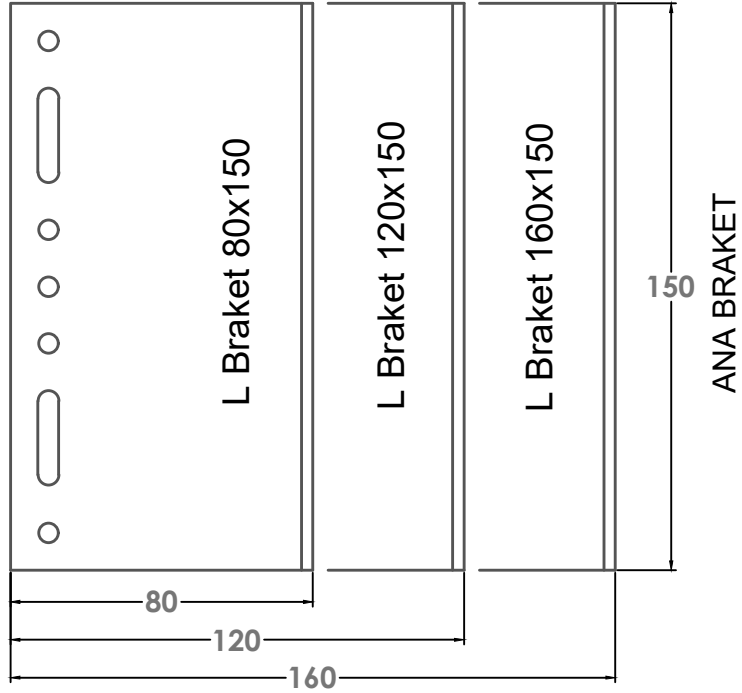
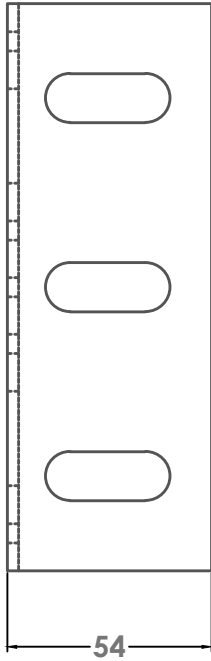
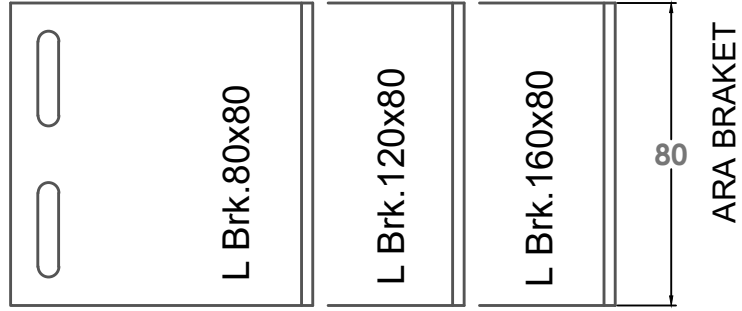
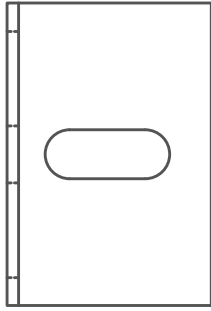
AĞIRLIK / WEIGHT
(KG/M.)
1,075

PRF 4748

AĞIRLIK / WEIGHT
(KG/M.)
1,400

PRF 4749

AĞIRLIK / WEIGHT
(KG/M.)
1,725

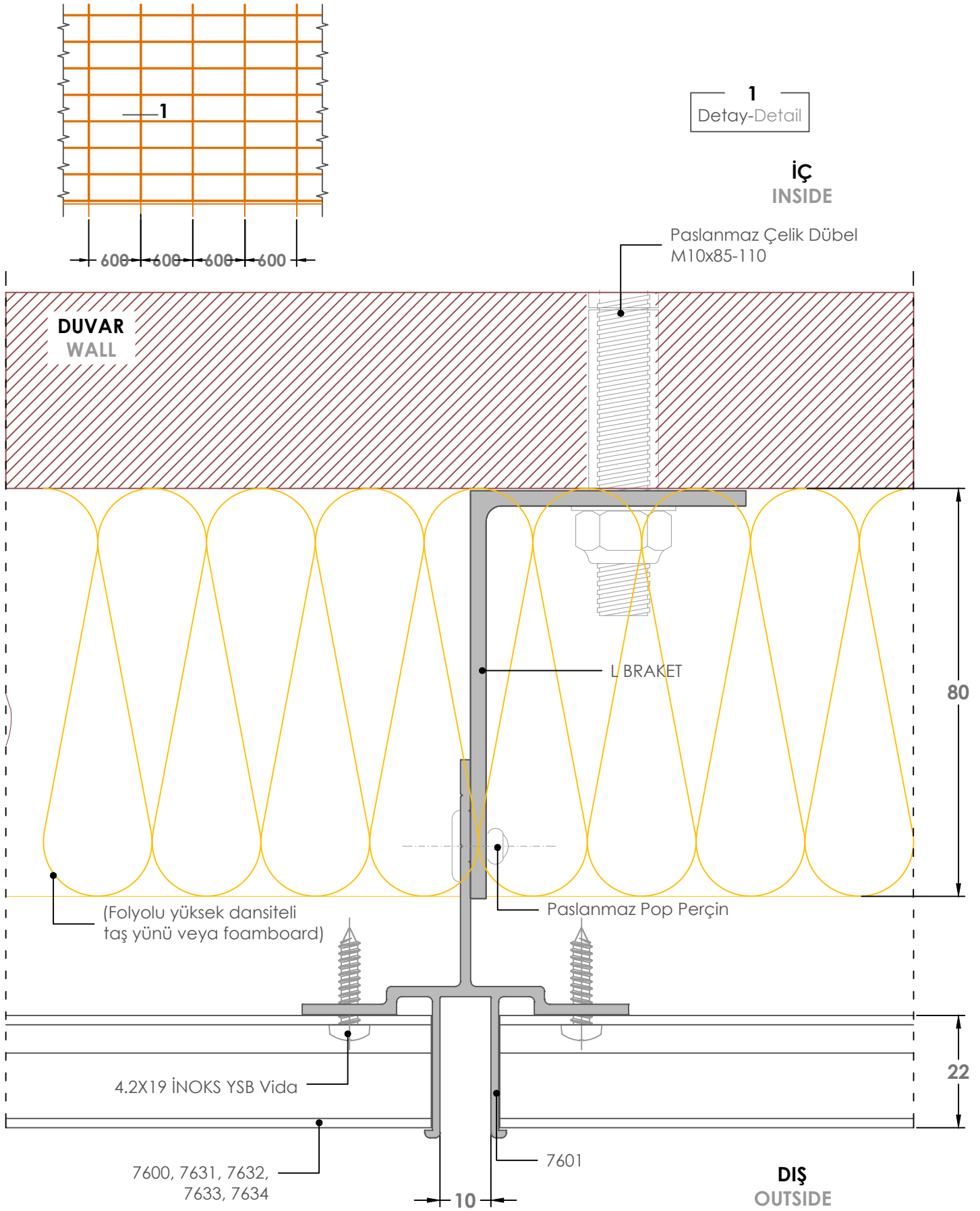


YAN GÖRÜNÜŞ

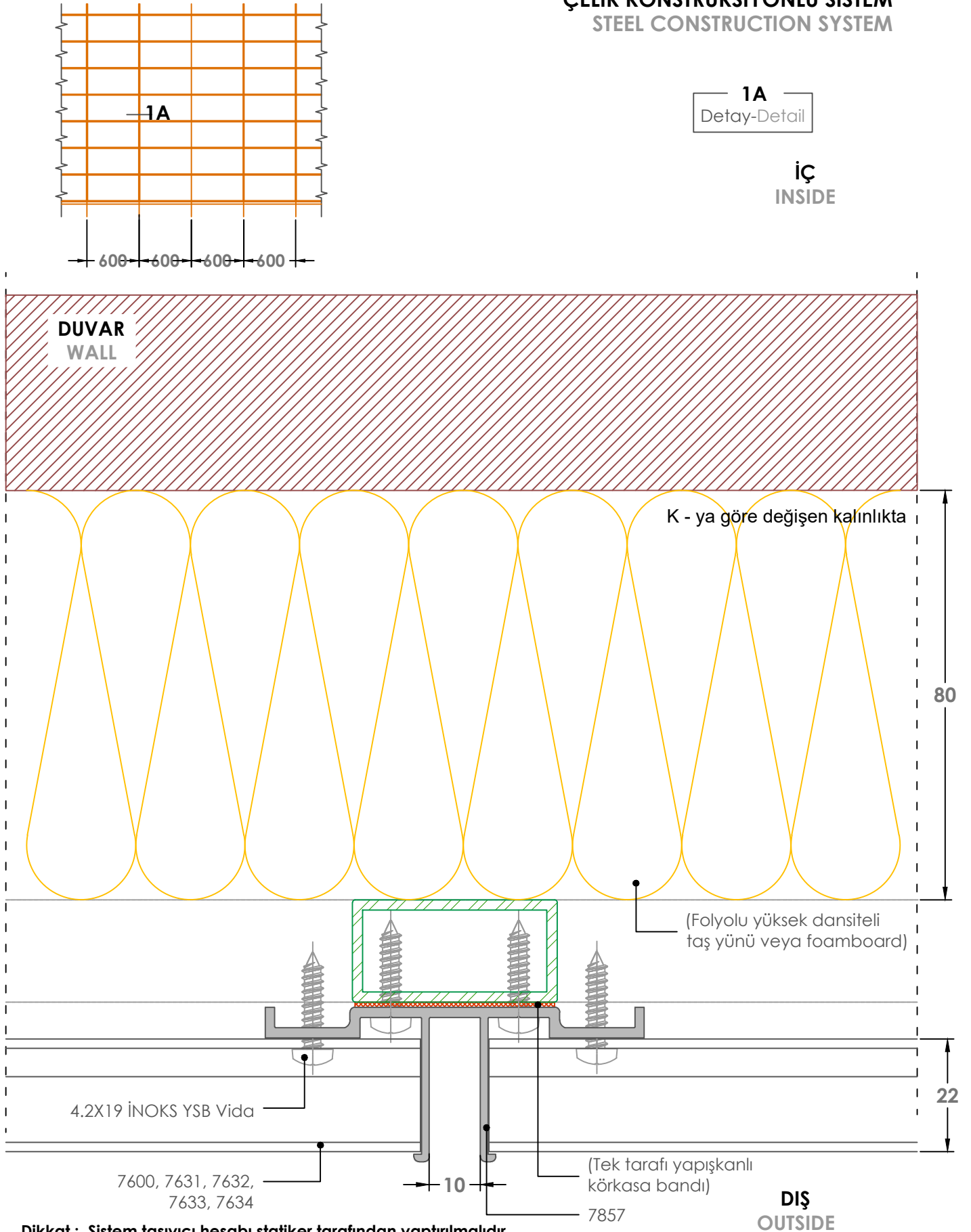
ÖN GÖRÜNÜŞ

**SC72 SARAY COTTA ALÜMİNYUM
CEPHE KAPLAMA DETAYLARI**

**SC72 SARAY COTTA ALUMINIUM
FACADE CLADDING DETAILS**

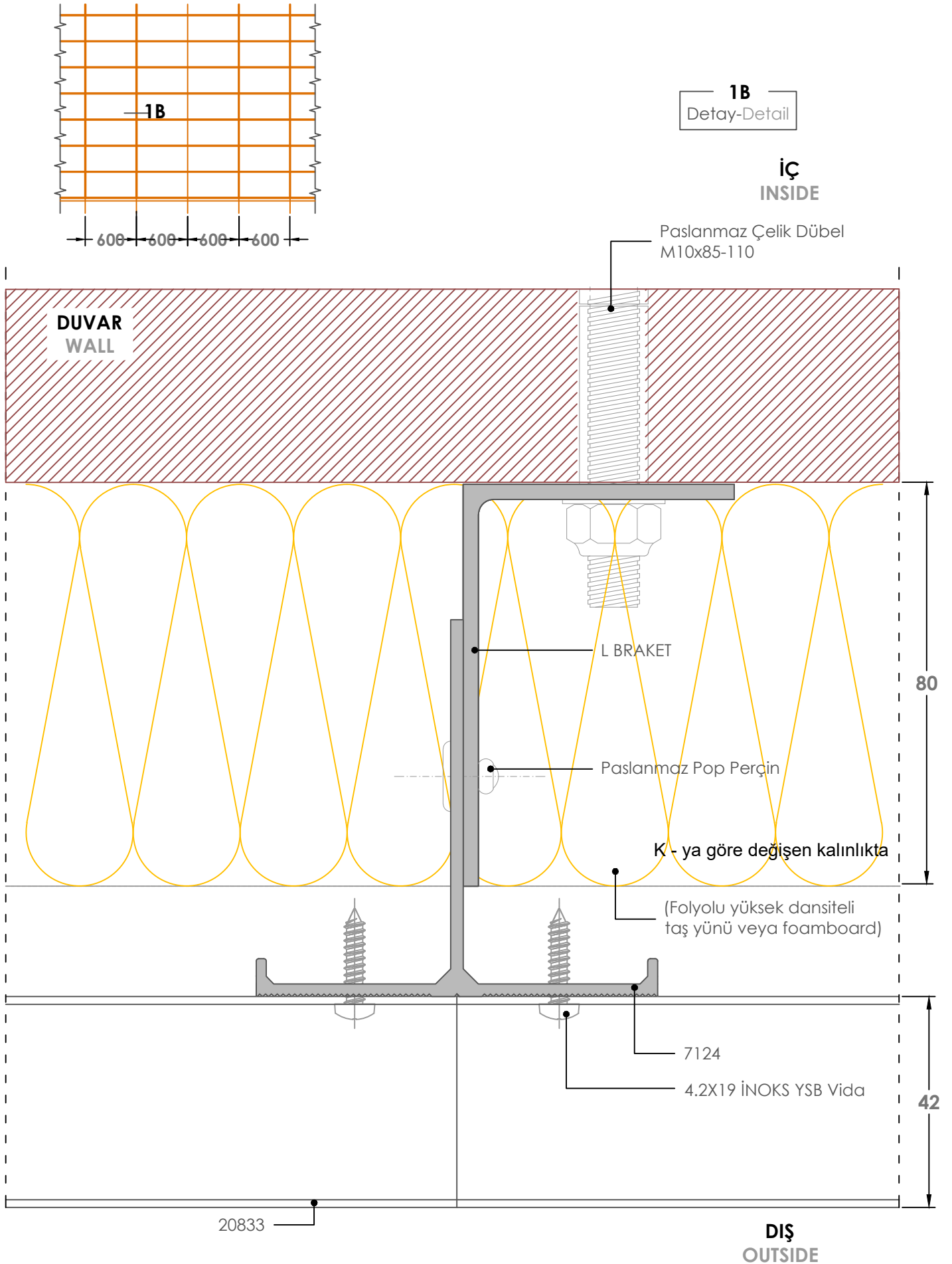


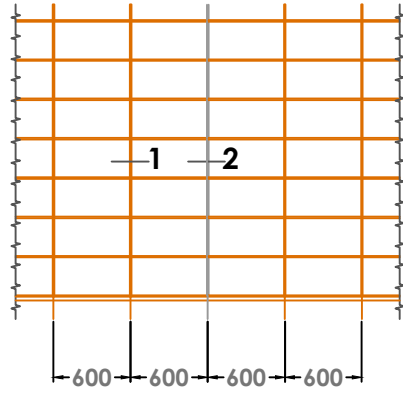
ÇELİK KONSTRÜKSİYONLU SİSTEM STEEL CONSTRUCTION SYSTEM



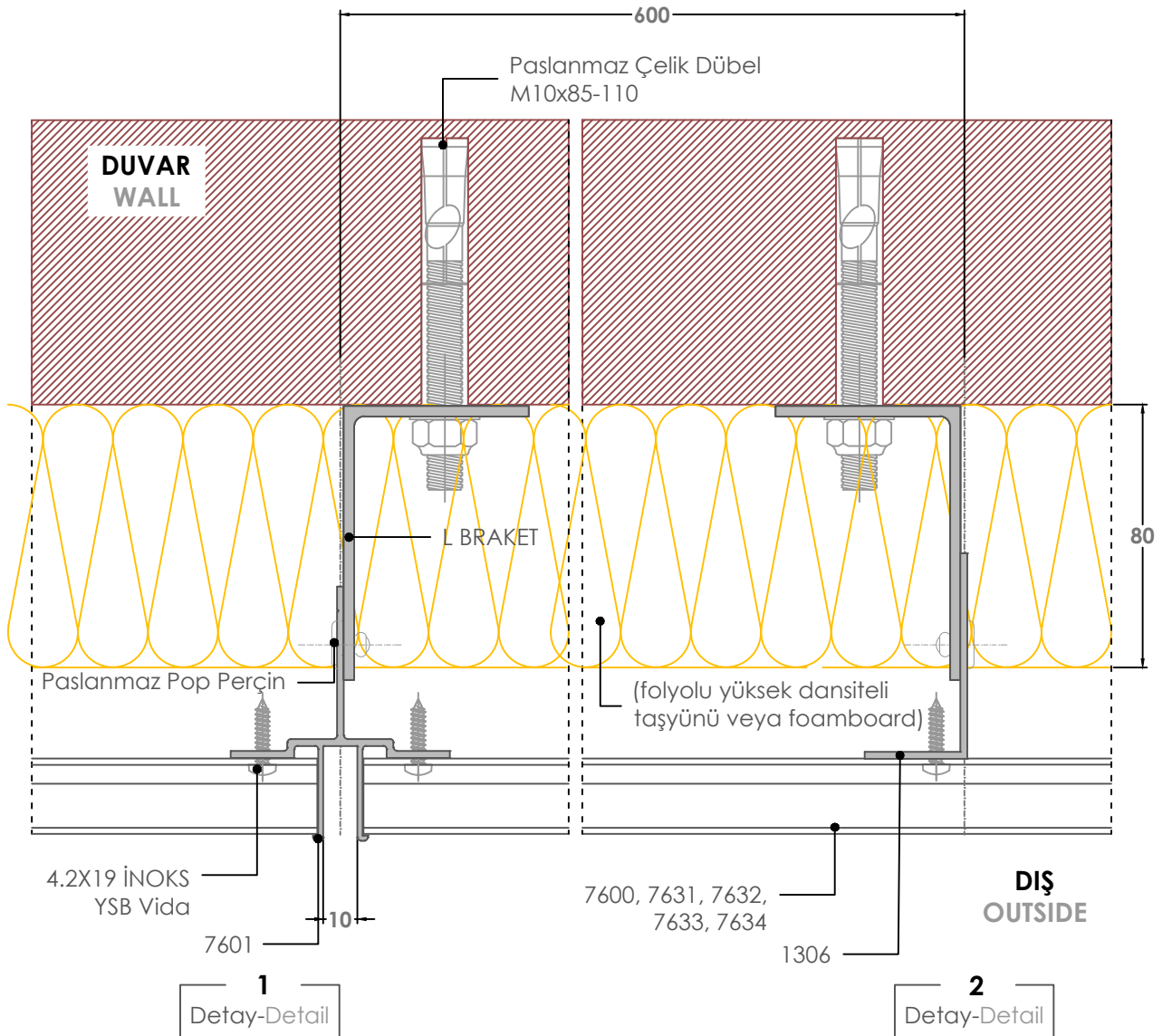
Dikkat : Sistem taşıyıcı hesabı statiker tarafından yapılmalıdır.

Attention : System carrier calculation must be done by the statician.

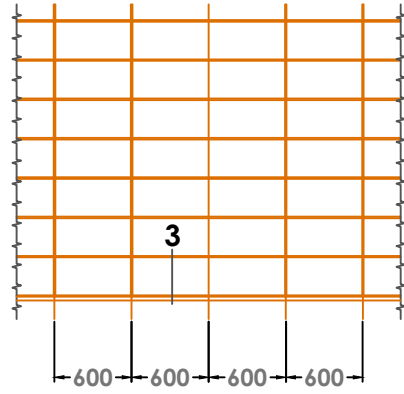




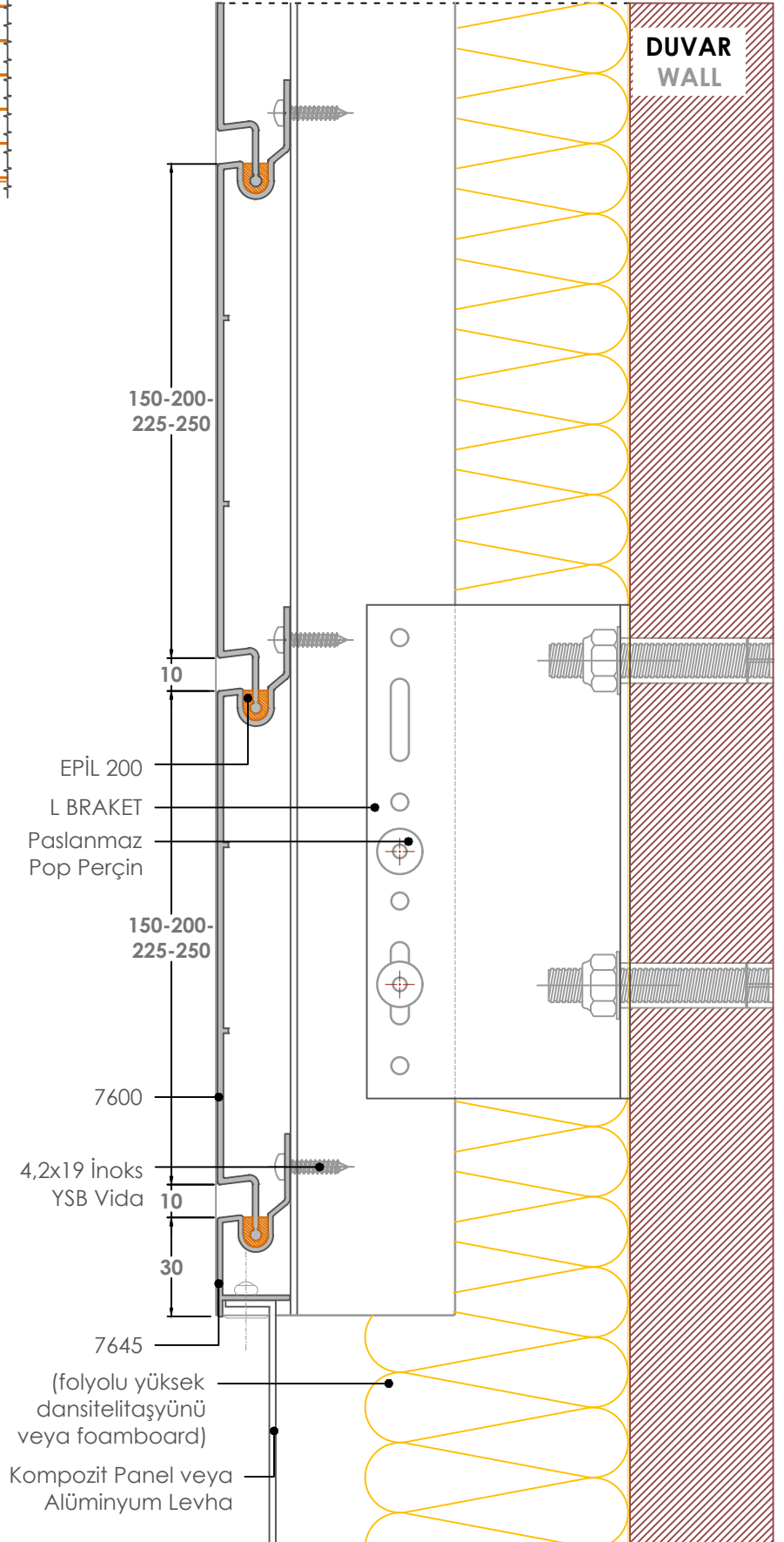
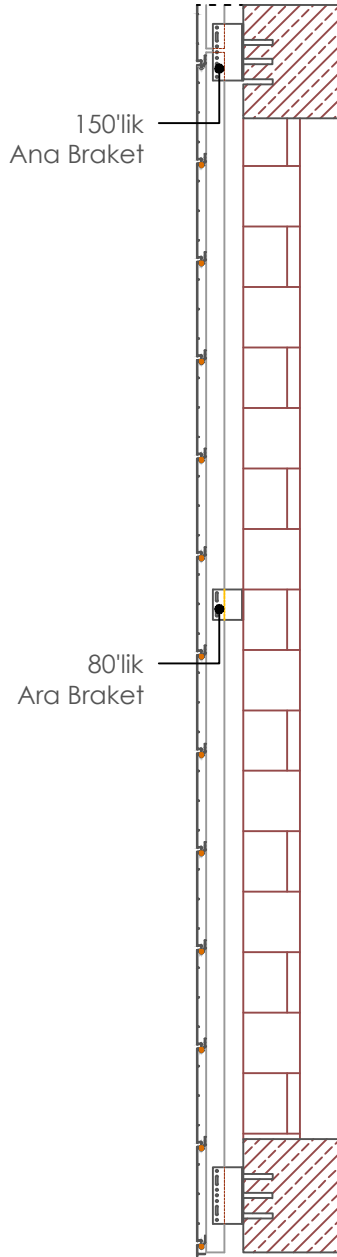
İÇ
INSIDE



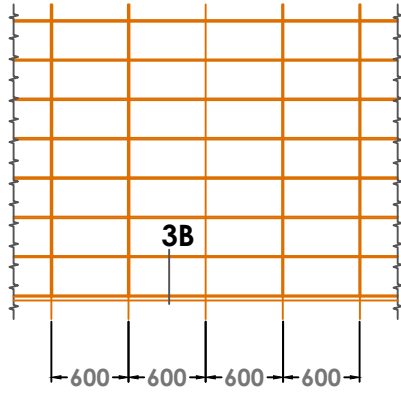
ALT BAŞLANGIÇ DETAYI BOTTOM BEGINNING DETAILS



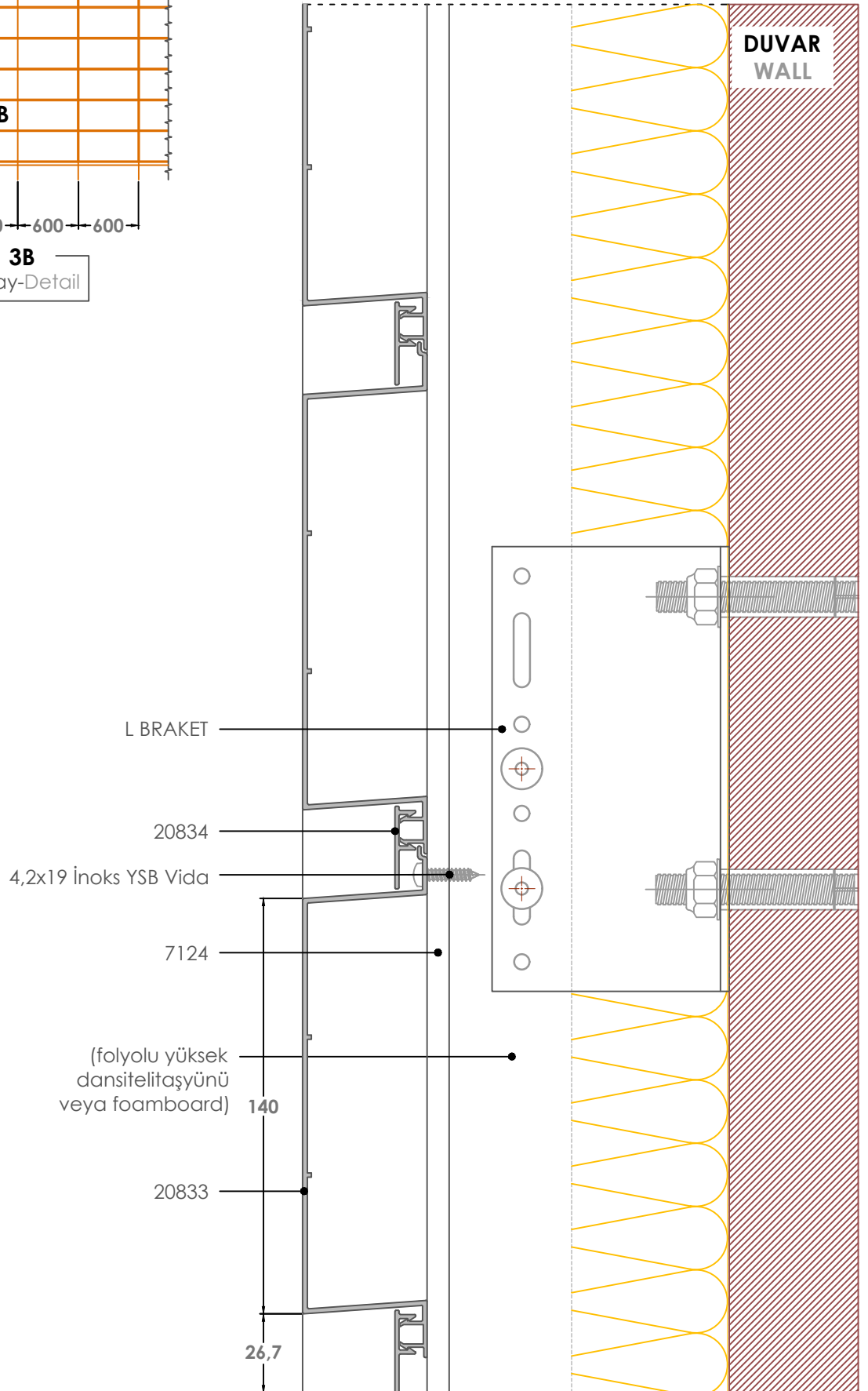
3
Detay-Detail



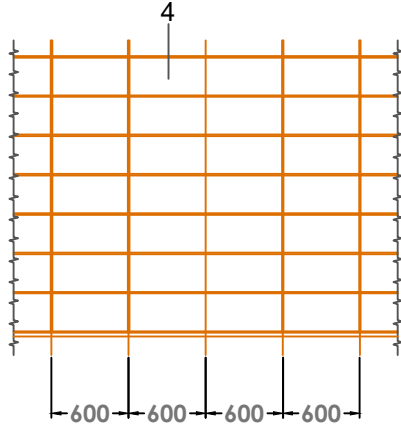
ALT BAŞLANGIÇ DETAYI BOTTOM BEGINNING DETAILS



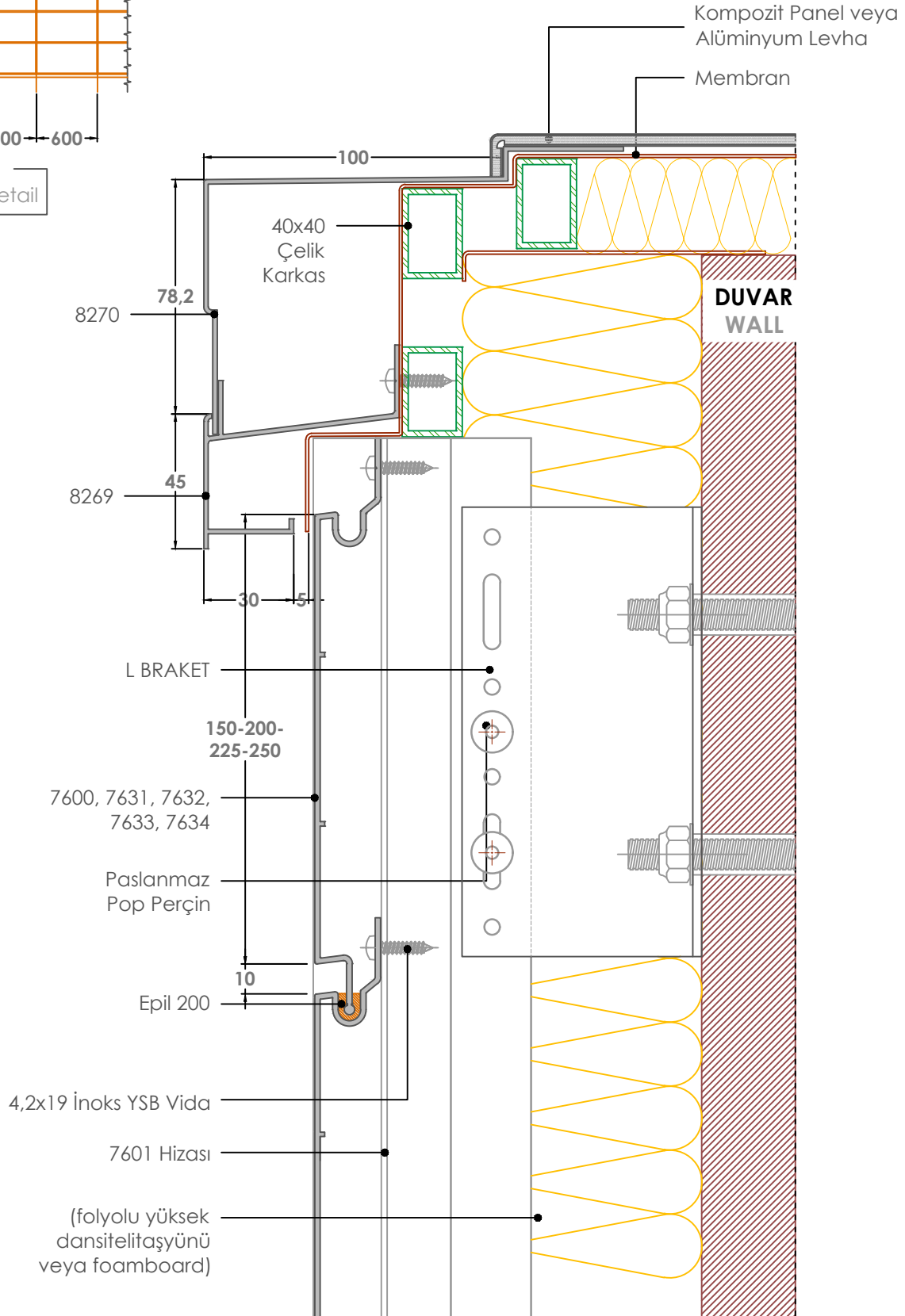
3B
Detay-Detail

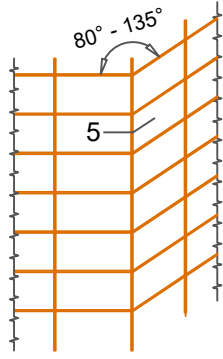


ÜST BİTİŞ DETAYI TOP FINISHING DETAILS



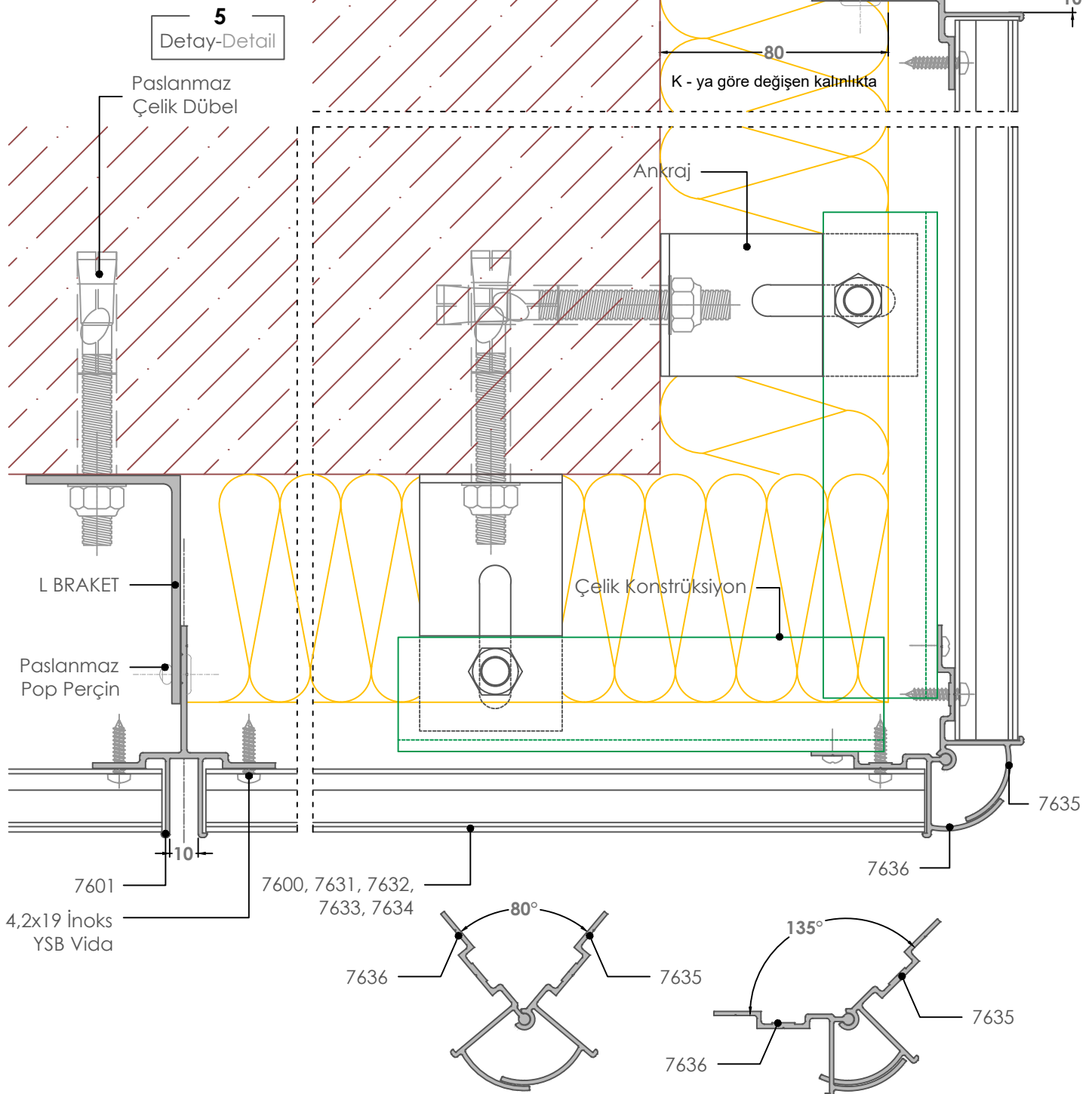
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Detay-Detail





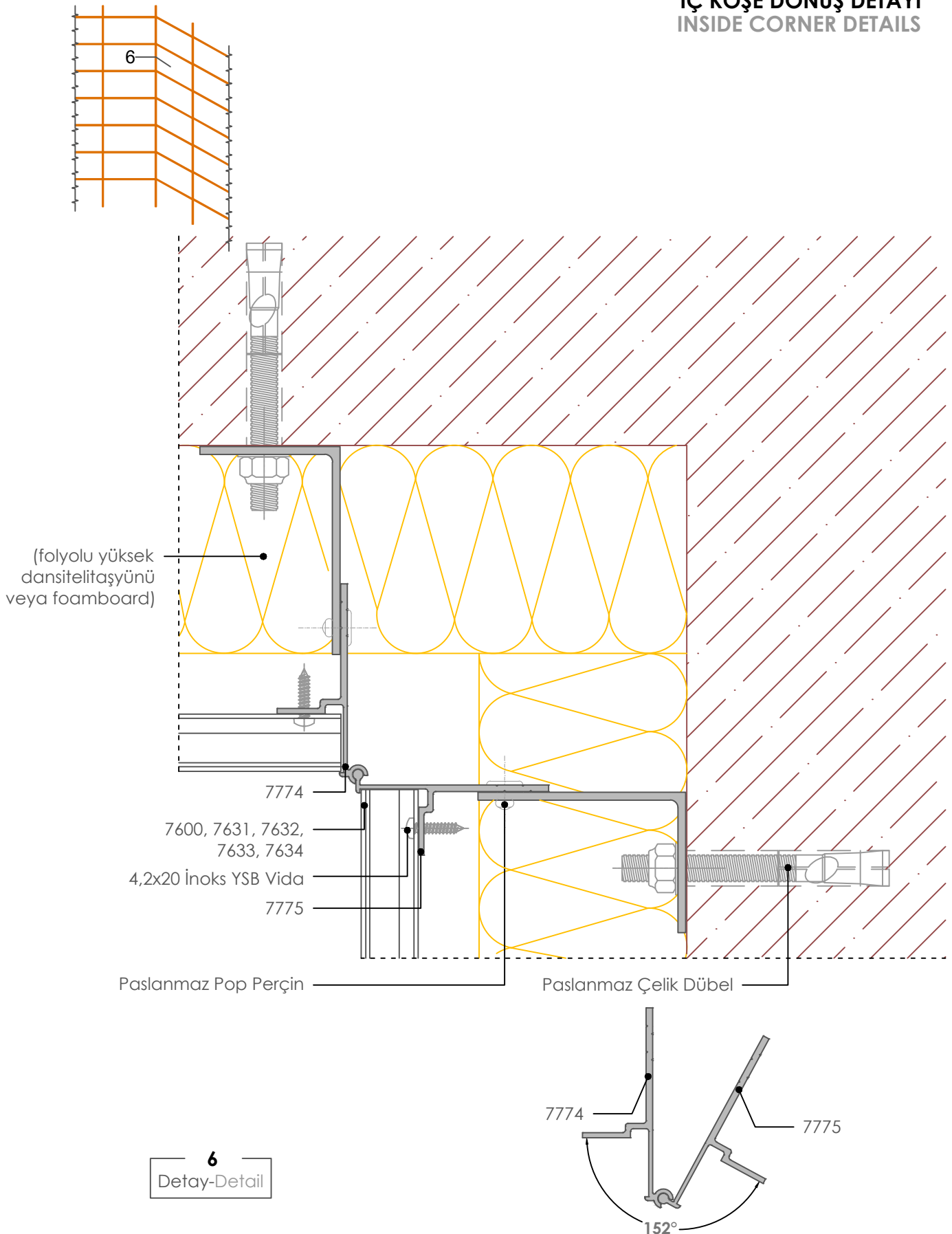
DIŞ KÖŞE DÖNÜŞ DETAYI

OUTSIDE CORNER DETAILS

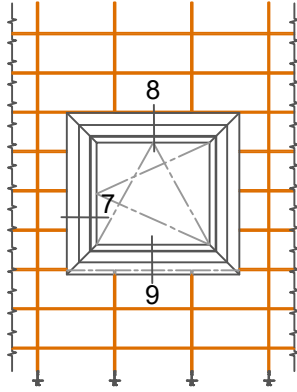


İÇ KÖŞE DÖNÜŞ DETAYI

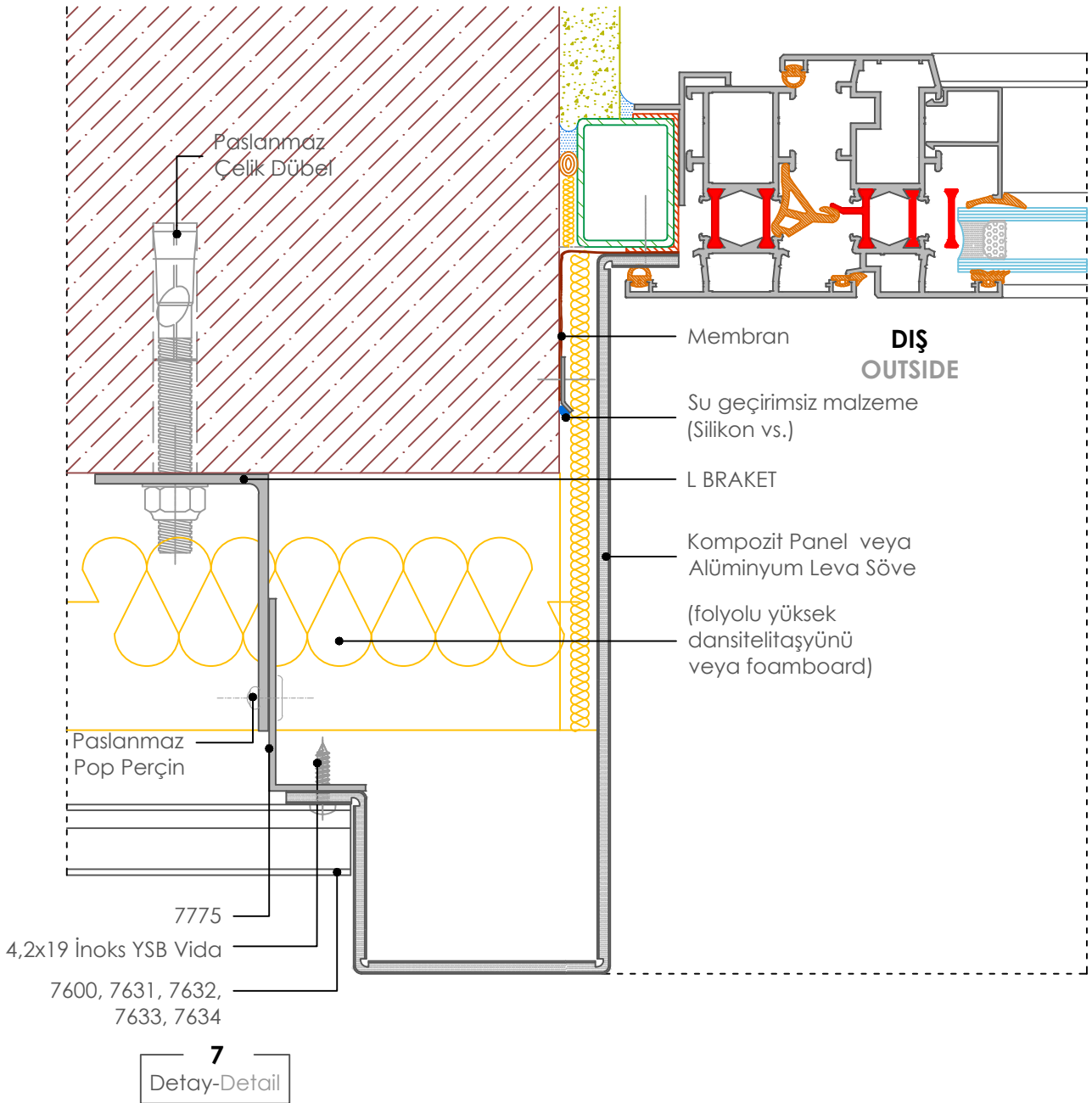
INSIDE CORNER DETAILS



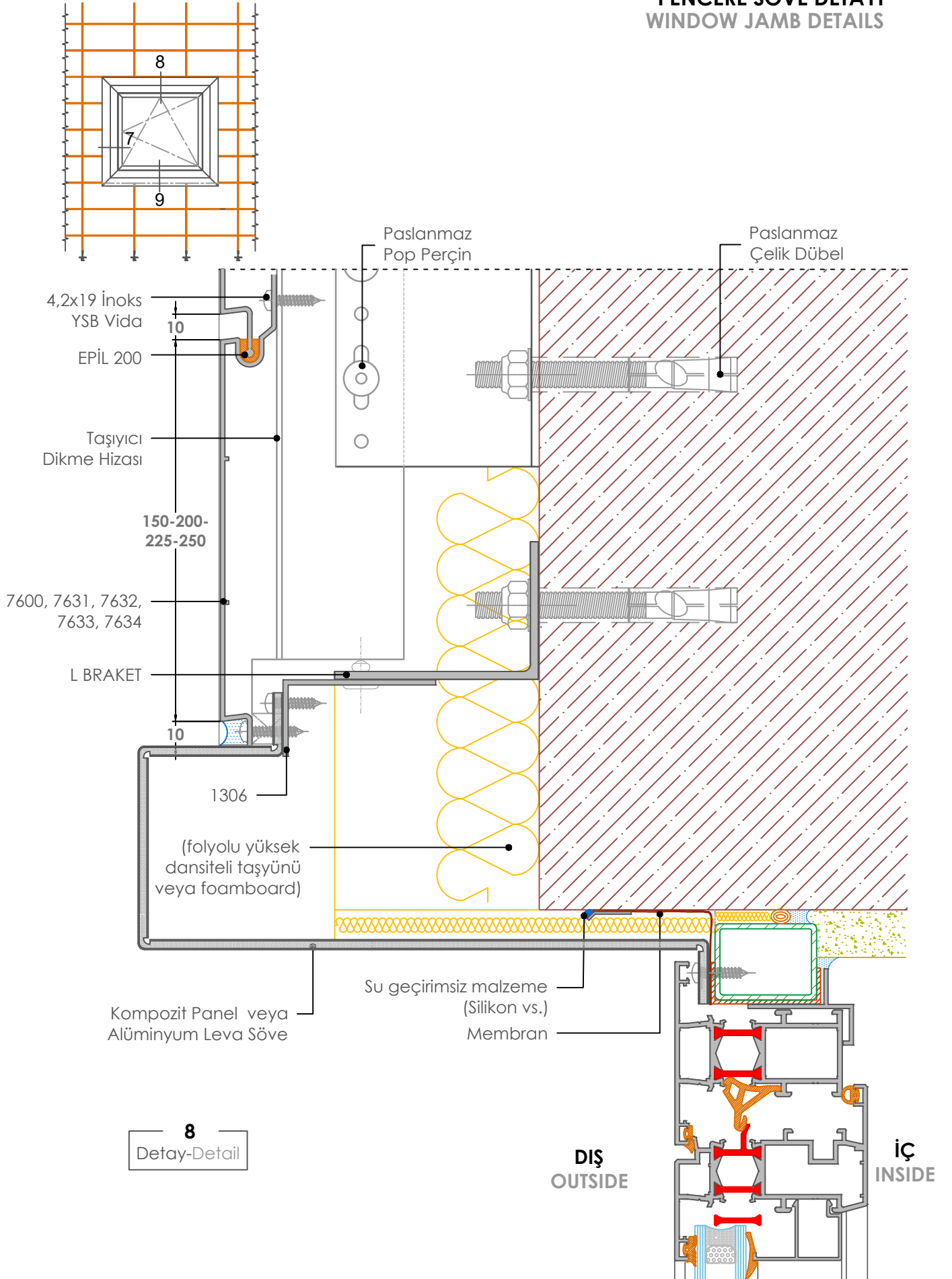
PENCERE SÖVE DETAYI WINDOW JAMB DETAILS



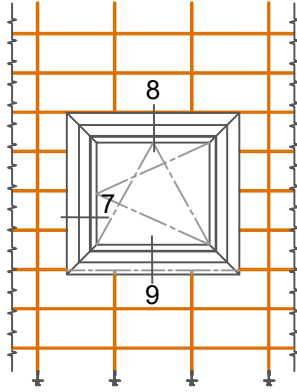
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INSIDE



PENCERE SÖVE DETAYI WINDOW JAMB DETAILS

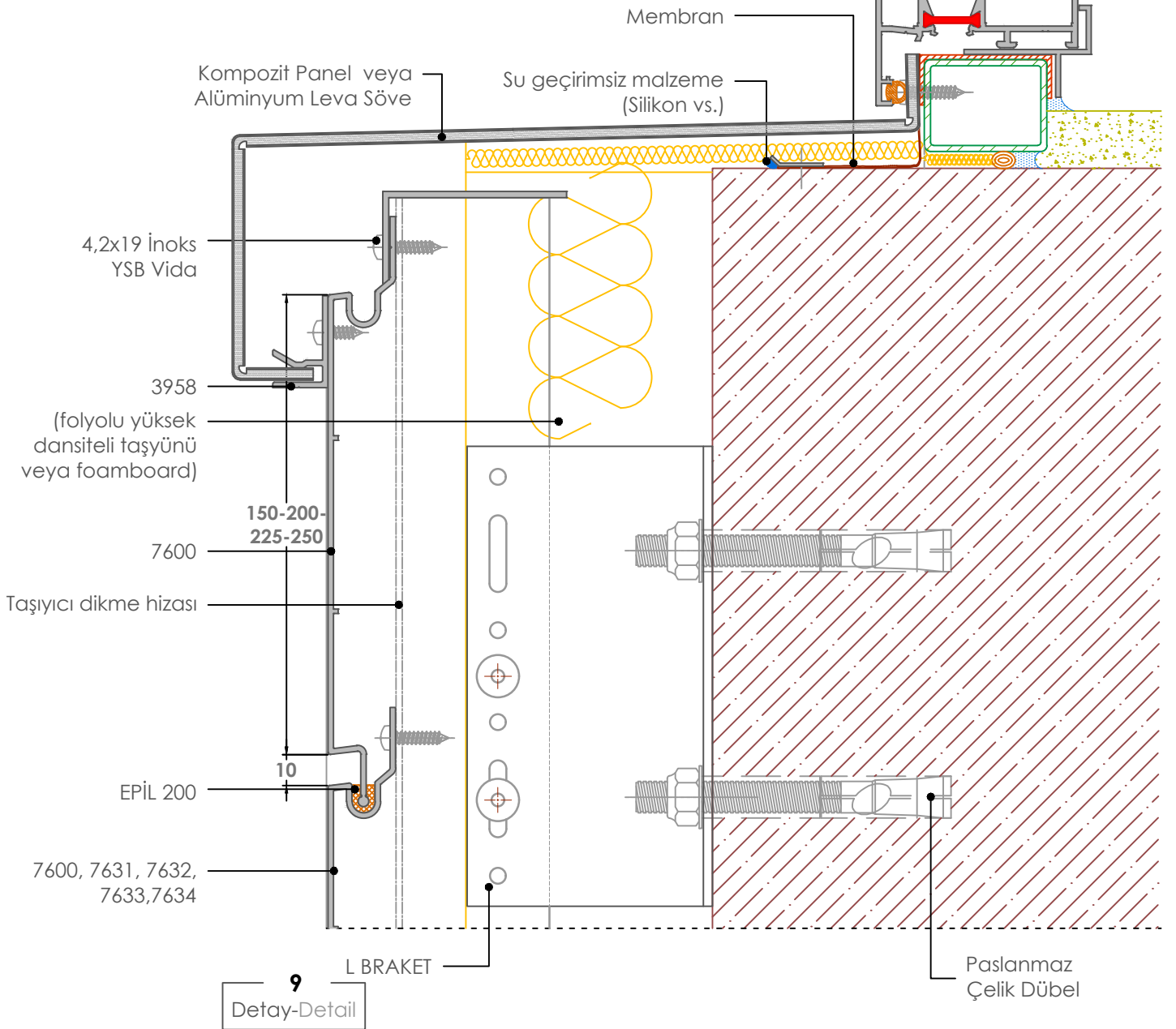


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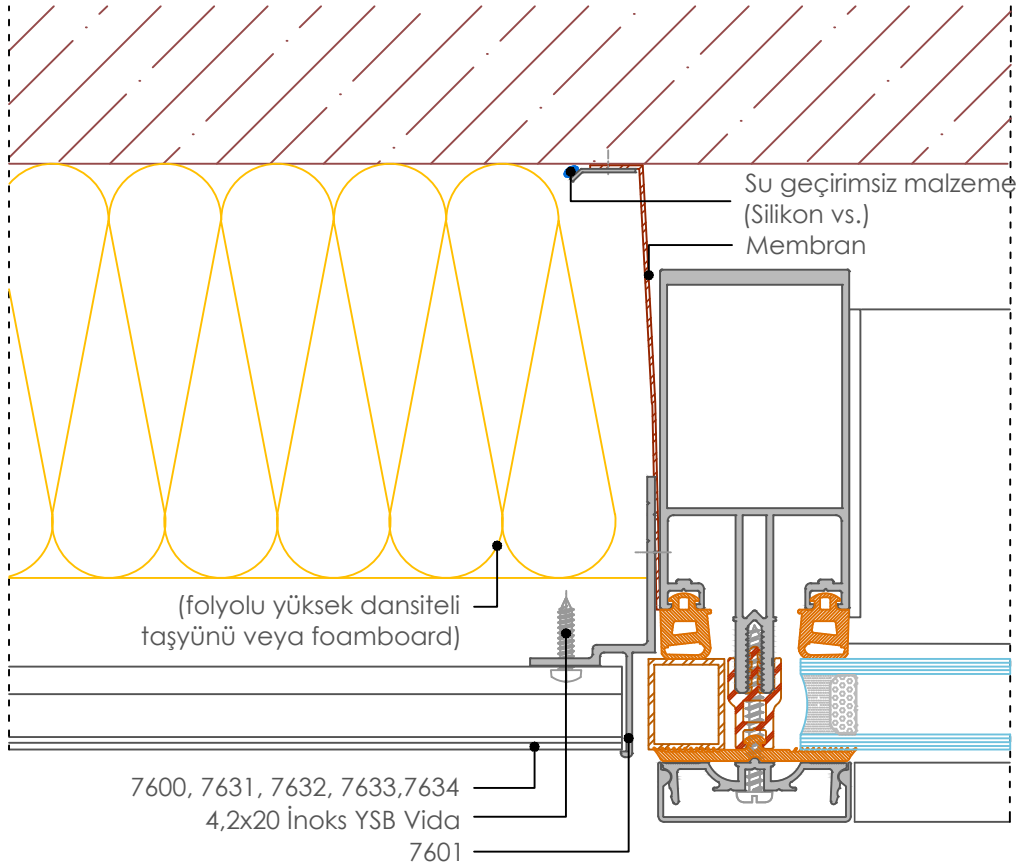
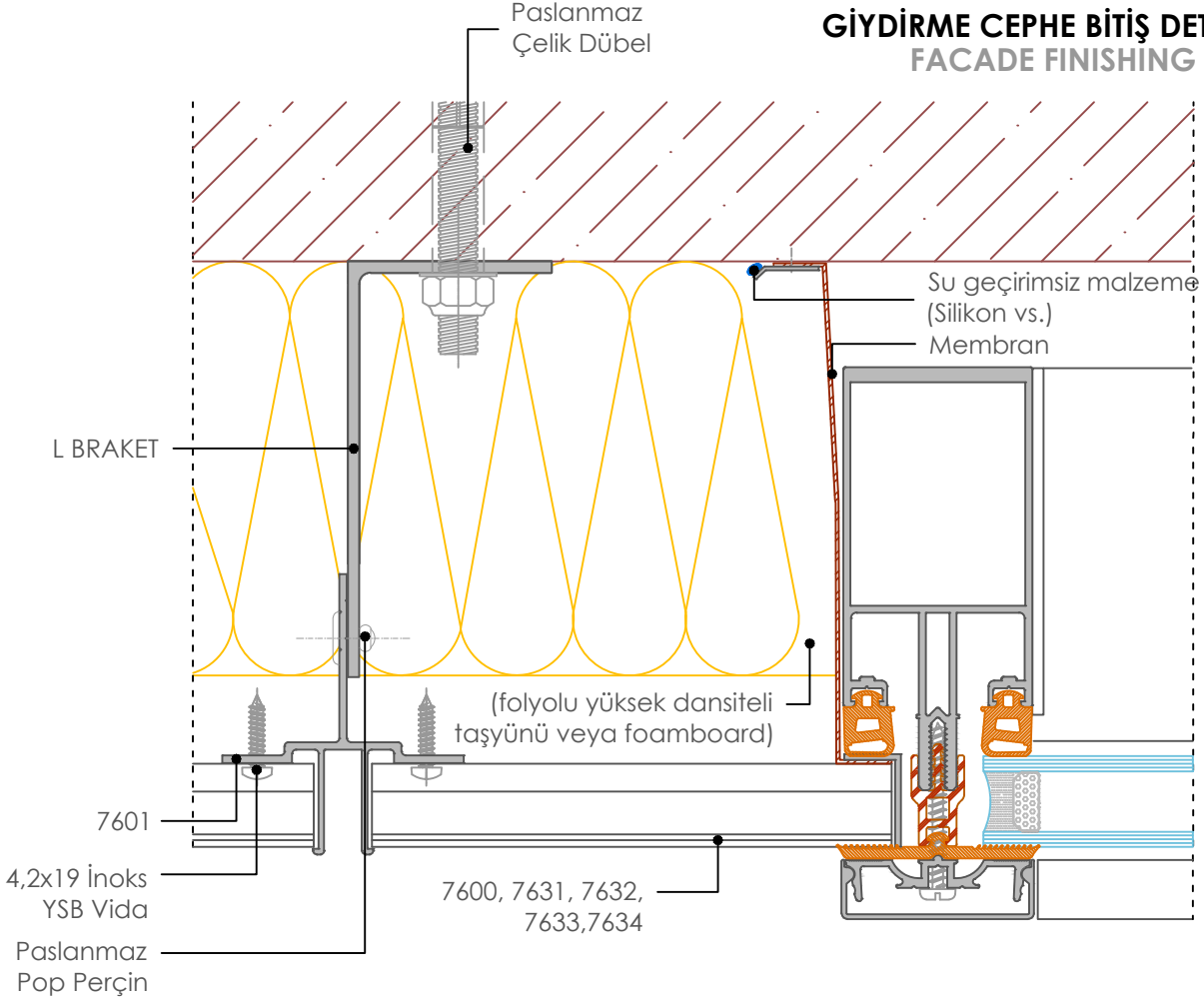


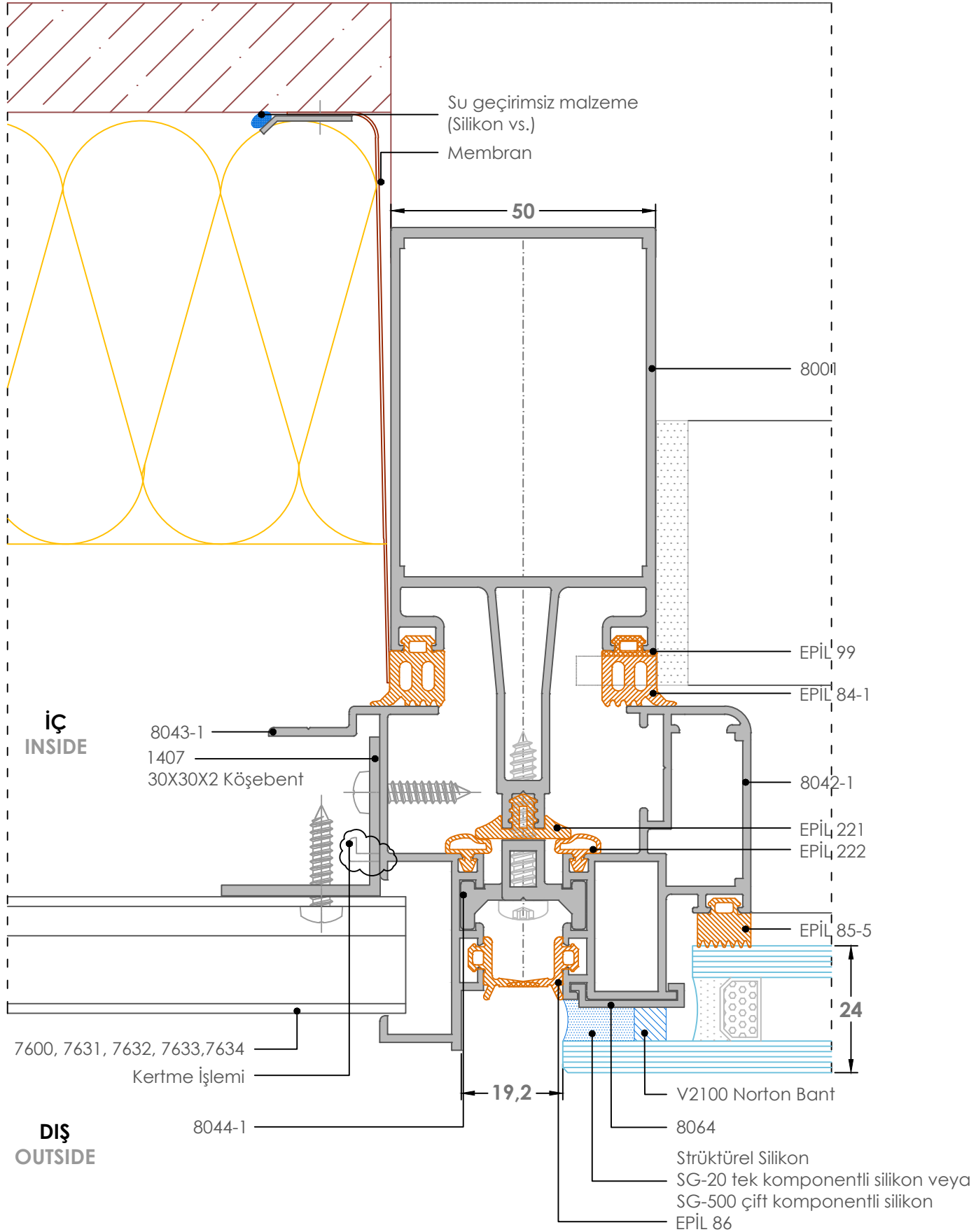
DIŞ
OUTSIDE

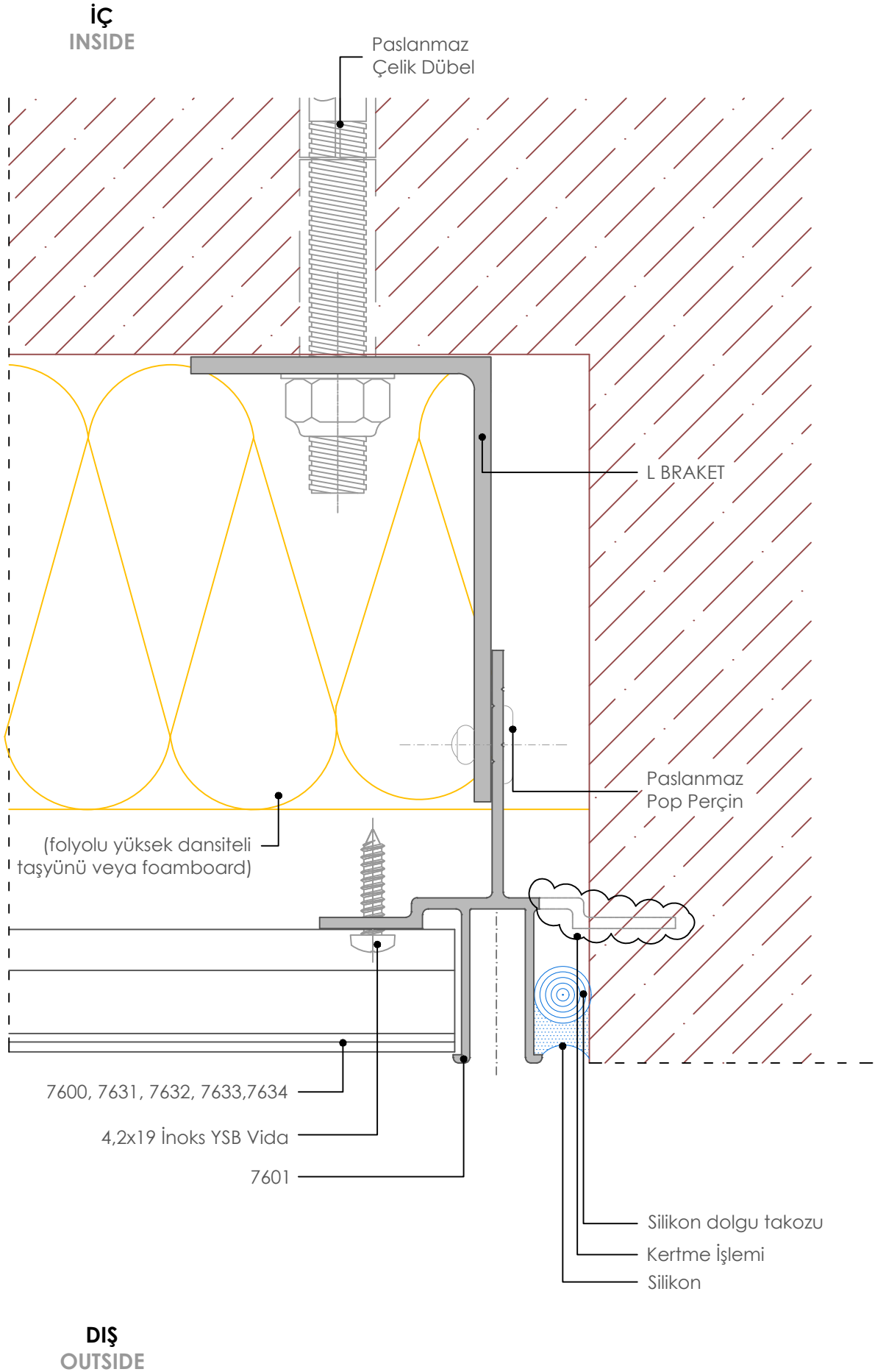
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INSIDE

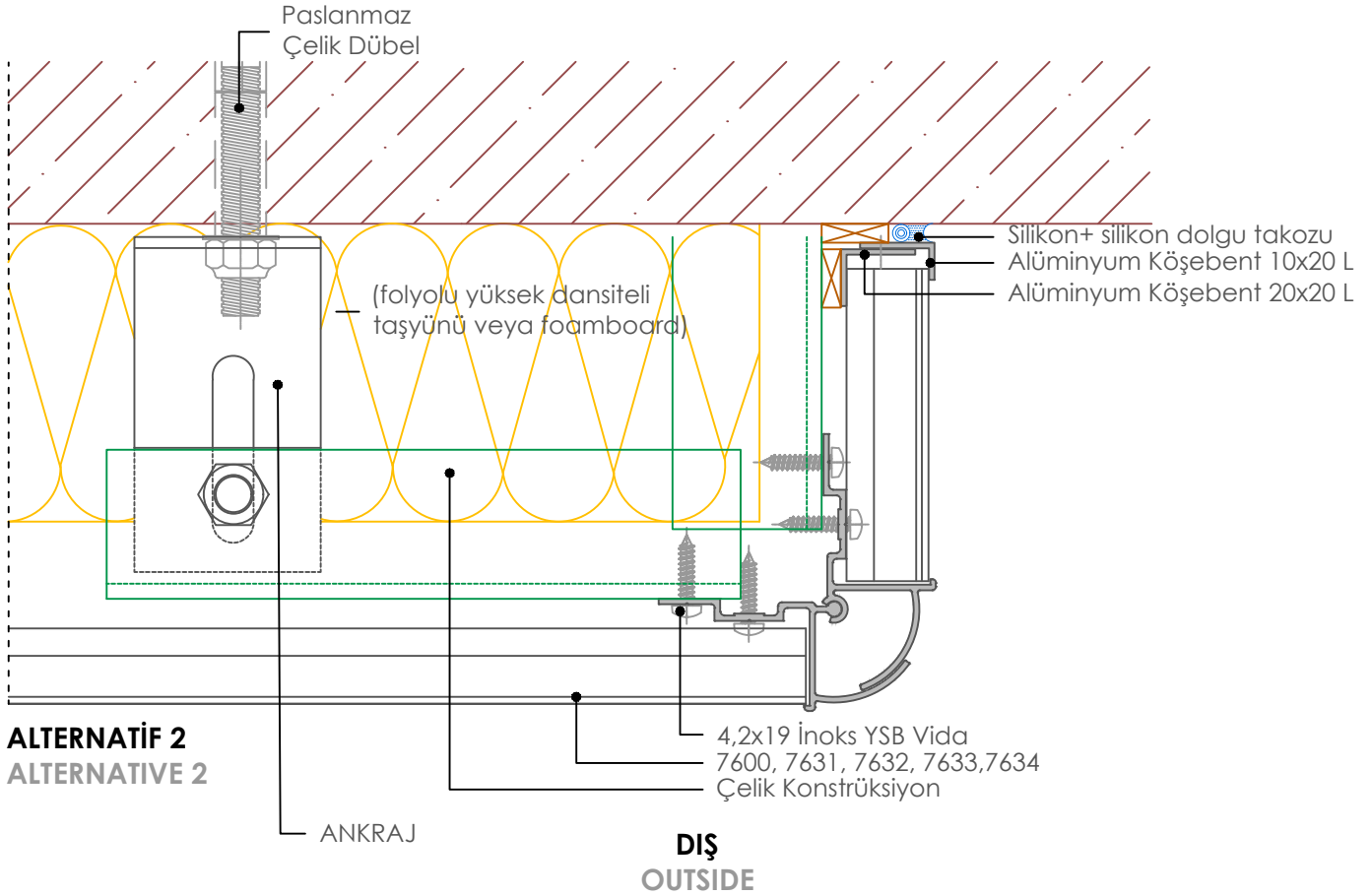
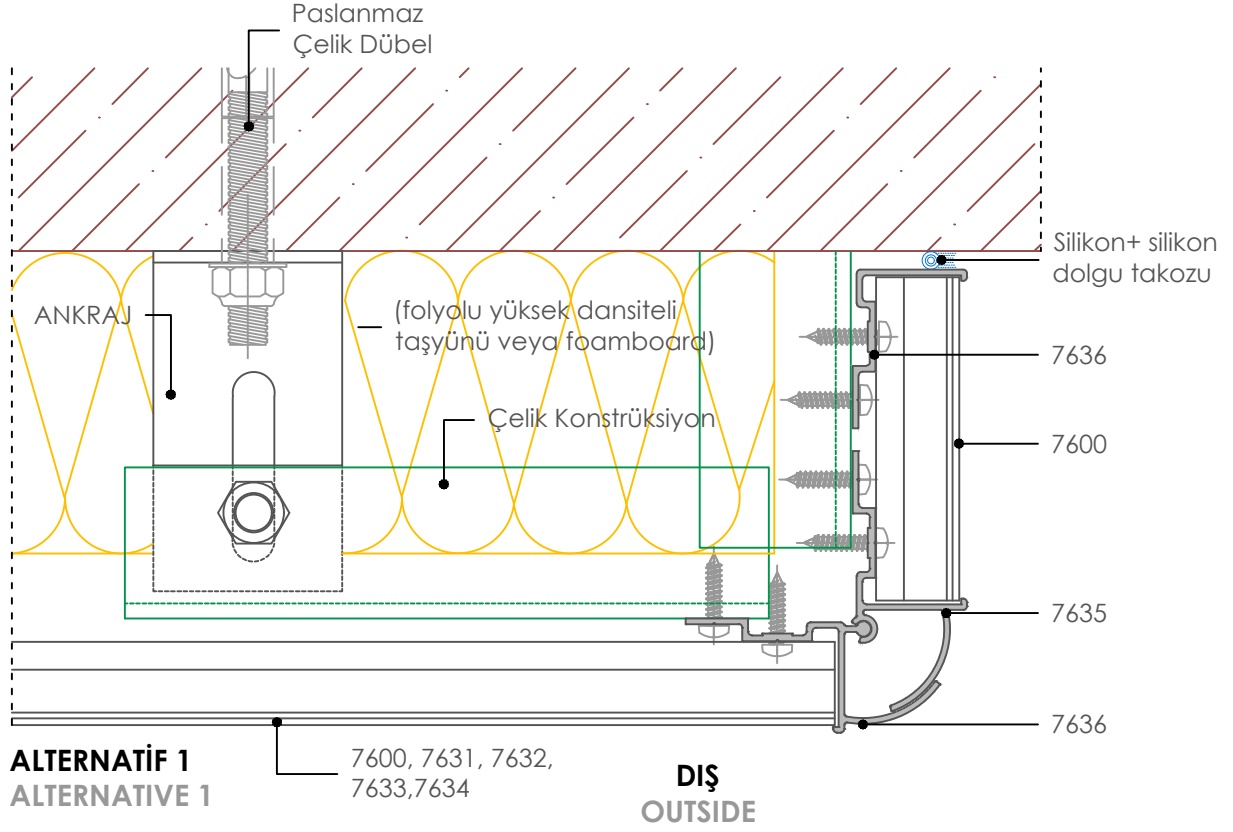


GİYDİRME CEPHE BİTİŞ DETAYLARI FACADE FINISHING DETAILS



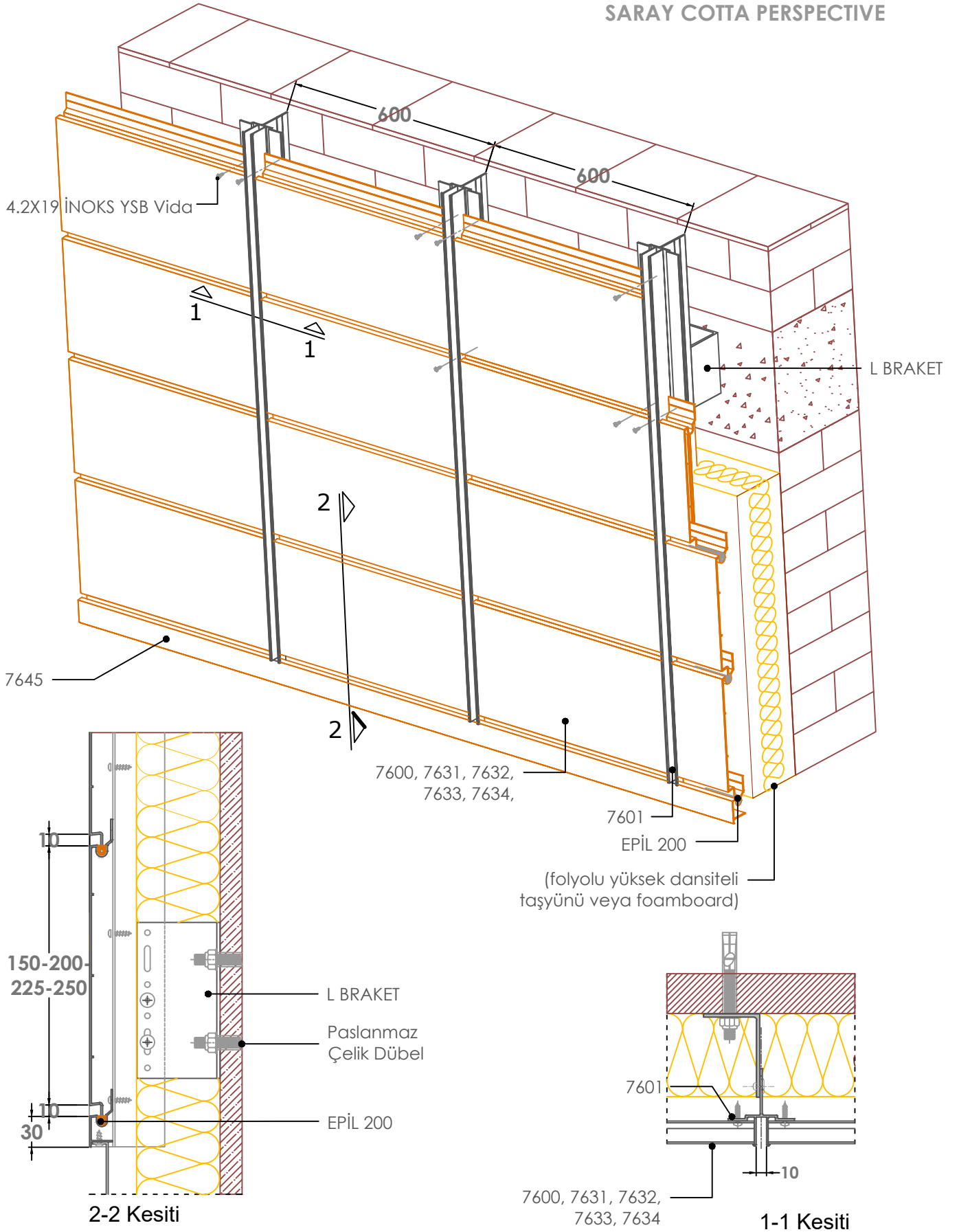




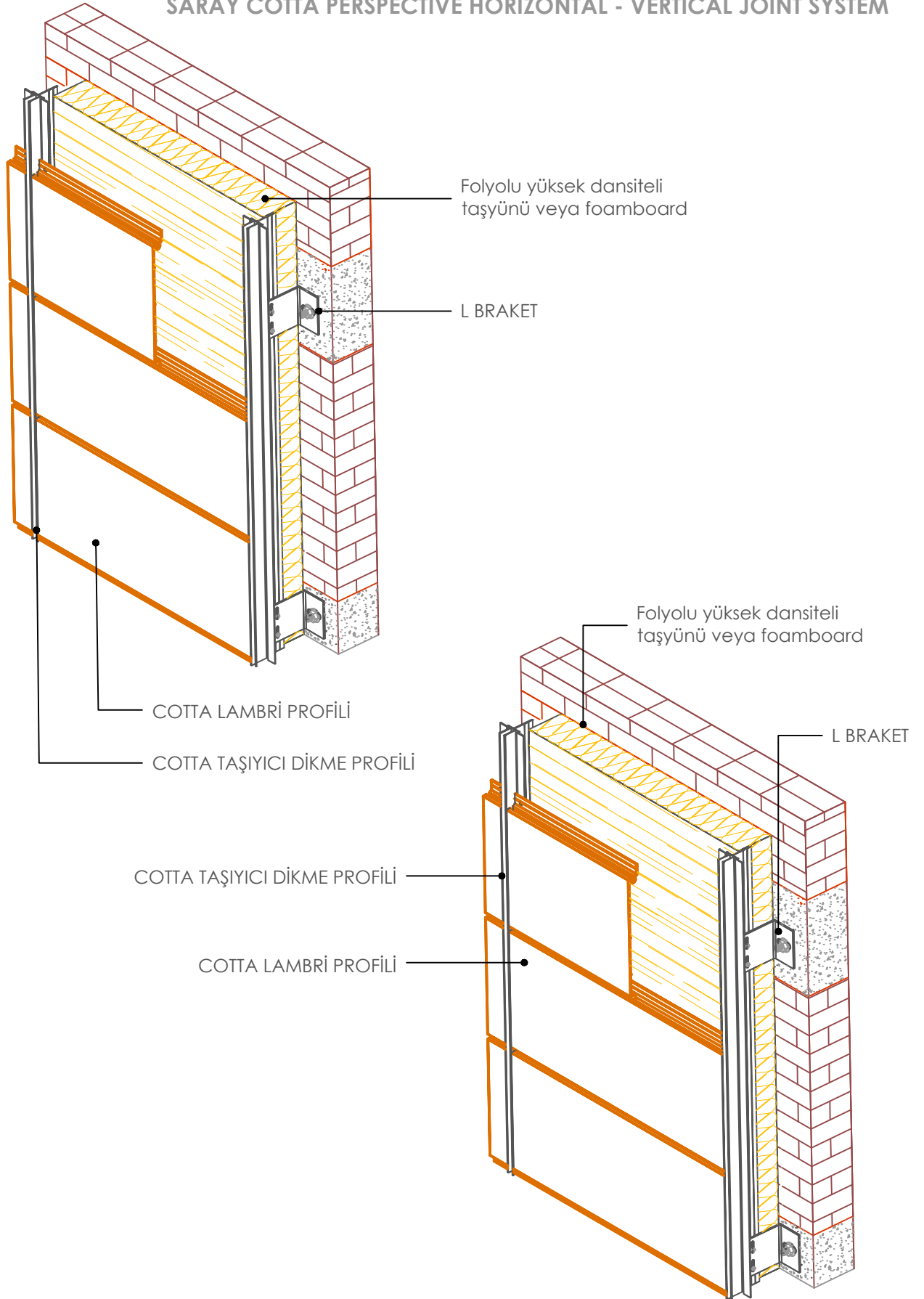


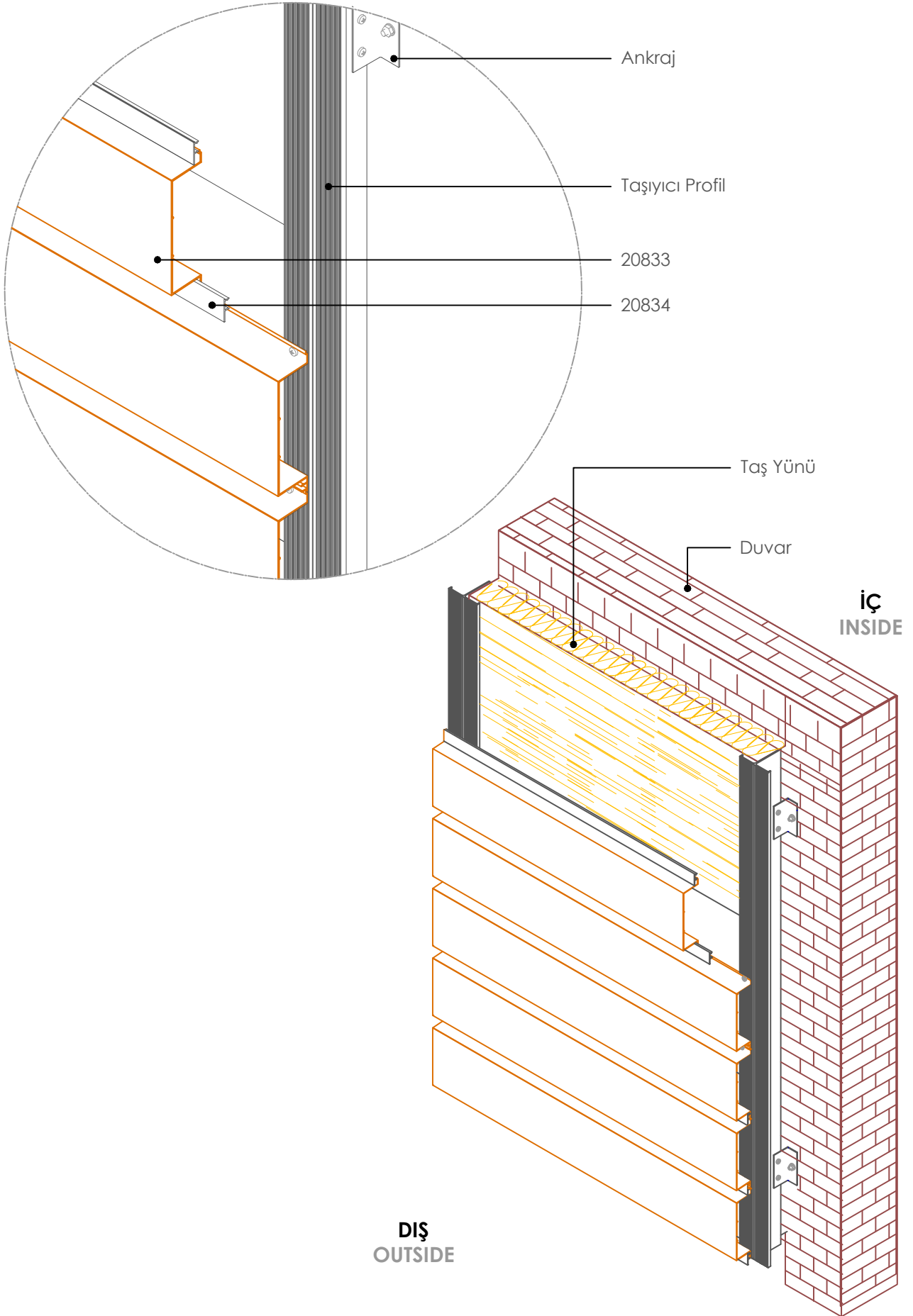
**SC72 SARAY COTTA ALÜMİNYUM
CEPHE KAPLAMA İMALAT DETAYLARI**
SC72 SARAY COTTA ALUMINIUM
FACADE FABRICATION DETAILS

SARAY COTTA PERSPEKTİF SARAY COTTA PERSPECTIVE



SARAY COTTA PERSPEKTİF YATAY DÜŞEY DERZLİ SİSTEM SARAY COTTA PERSPECTIVE HORIZONTAL - VERTICAL JOINT SYSTEM





PROFİL DEĞİŞTİRME METODU DISPLACEMENT METHOD

