



CEPHE SİSTEMLERİ FS 60 ADD ON

Cephe sistemleri içerisinde yer alan alüminyum yatay ve dikey taşıyıcı profillerin izin verdiği açıklıkların projeler için yetmediği noktalarda taşıyıcı profillerin çelik olarak yapılmasına olanak veren ADD ON sistem tasarımcılara daha fazla şeffaf yüzeyler sunabilmektedir.

Havalimanları, oto showroomlar gibi büyük açıklıkların tek seferde geçilmesinin gereken büyük mekanlarda derin alüminyum profil yerine taşıyıcılık özelliği daha fazla olan çelik konstrüksiyon ile yapılan projelerde kullanılabilen bir sistemdir. Sistem derinliğinin çelik ile şekillendiği, standart FS 60 sistem içerisinde kullanılan cam kombinasyonlarının da kullanılabildiği sistem, yüksek atalet değerleri sebebi ile tasarımcılar tarafından tercih sebebi olmaktadır.

Sistem, 1.8 mm ve 2.0 mm arasında et kalınlığına sahip alüminyum profillerin, cephe için seçilen çelik profiller ile bir araya gelmesi ile oluşmaktadır.

When the aluminium mullion and transom profiles are not able to be installed to the wide spacing's required in projects, ADD ON system enables steel profiles to be applied for wider transparent areas.

Where you need the curtain wall as one piece, on wide spacing's like airports, auto showrooms etc. steel construction is preferred due to the better carriage capacity, and ADD ON system is used on this kind of projects.

The system, in which the glass combination on standard FS 60 system can also be used, is preferred by the designers due to the high inertia level,

The system comprise of aluminium profiles between 1.8 mm and 2.0 mm wall thickness, and the steel profiles chosen for the facade.

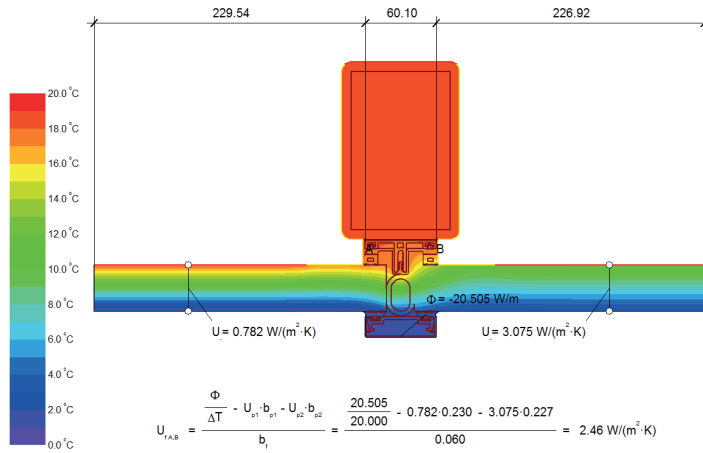


TEKNİK ÖZELLİKLER // TECHNICAL PROPERTIES

Sistemin Görünür Genişliği	System Visible Width	60 mm
Düşey Taşıyıcı Profil Derinliği	Mullion Depth	60 mm - 175 mm
Düşey Taşıyıcı Profil	Mullion Inertia	52,3 cm ⁴ - 751,77 cm ⁴
Atalet Değeri		31,58 cm ⁴ - 86,90 cm ⁴
Yatay Taşıyıcı Profil Derinliği	Transom Depth	65 mm - 180 mm
Yatay Taşıyıcı Profil	Transom Inertia	50,46 cm ⁴ - 520,92 cm ⁴
Atalet Değeri		29,98 cm ⁴ - 68,69 cm ⁴
Minimum Cam Kalınlığı	Min. Glazing Thickness	6 mm
Maksimum Cam Kalınlığı	Max. Glazing Thickness	42 mm
Minimum Kanat Boyut	Min. Opening Dimensions	650 mm x 1200 mm
Maksimum Kanat Boyut	Max. Opening Dimensions	1800 mm x 2000 mm
Maksimum Kanat Ağırlığı	Max. Opening Weight	130 KG

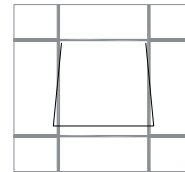
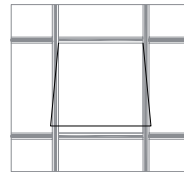
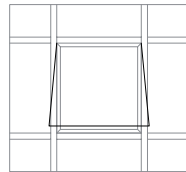
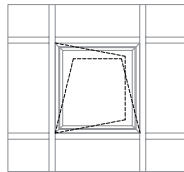
PERFORMANS DEĞERLERİ // PERFORMANCE VALUES

	TS EN 12152	Hava Geçirimsizlik	Air Permeability	NA
	TS EN 12154	Su Sızdırmazlık	Water Tightness	NA
	TS EN 13830	Rüzgar Yüğü Dayanımı	Wind Load Resistance	NA
	TS EN 14019	Darbe Dayanımı	Impact Resistance	NA
	EN 10.077-2	Termal Isı Yalıtımı	Thermal Insulation	NA



Bu hesaplama 0,60 W/m².K Ug cam dolgu değerine göre hesaplanmıştır.

This calculation has been made with 0,60 W/m².K Ug value glass filling.



— — — — — içeri açılır inward opening — — — — — dışarı açılır outward opening

KLEIDCO YAPI SİSTEMLERİ SAN. ve TİC. A.Ş.

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FS60 AO ADD ON CEPHE SİSTEMİ

A
ALUMİNYUM PROFİL A-01

B
AKSESUARLAR B-01

C
CONTALAR C-01

D
TAM ÖLÇEKLİ PROFİLLER D-01 / D-03

E
PRENSİP SİSTEM DETAYLARI E-01 / E-04

F
FABRİKASYON ve MONTAJ TALİMATLARI F-01 / F-15

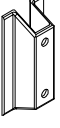
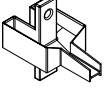
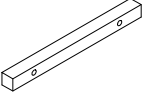
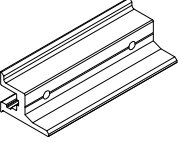
FS60 AO ADD ON CEPHE SİSTEMİ

ALUMİNYUM PROFİLLER

PROFİL ŞEKLİ	PROFİL ADI	KALIP KODU	PROFİL TANIMI	AGIRLIK
	P 1290	14181	CEPHE ALTLIK PROFİLİ (PRES OLARAK KULLANILIR)	0,880kg/mt
	P 1291	14182	CAM TAŞIYICI PROFİL (PRES OLARAK KULLANILIR)	1,200kg/mt
	P 1142	13440	BASKI PROFİLİ (PRES OLARAK,DÜZ KAPAKLAR İLE KULLANILIR)	0,645kg/mt
	P 1143	13441	20mm DÜŞEY KAPAK PROFİLİ	0,364kg/mt
	P 1144	13442	18mm YATAY KAPAK PROFİLİ	0,351kg/mt
	P 1226	13915	BASKI PROFİLİ (PRES OLARAK,DAİRESEL KAPAKLAR İLE KULLANILIR)	0,690kg/mt
	P 1227	13916	60mm DAİRESEL KAPAK PROFİLİ	0,990kg/mt
	P 1251	14084	110mm DAİRESEL KAPAK PROFİLİ	1,475kg/mt

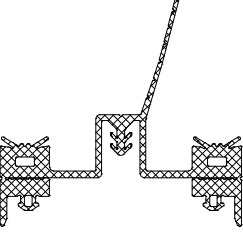
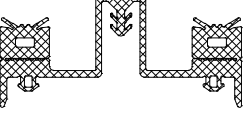
FS60 AO ADD ON CEPHE SİSTEMİ

AKSESUARLAR

AKSESUAR ŞEKLİ	AKSESUAR KODU	AKSESUAR TANIMI	MİKTAR
	700 462	DÜŞEY CONTA EKYERİ PARÇASI	50adet
	700 463	SU TAHLİYE ÇÖRTENİ	50adet
	700 464	10x10 ALUMİNYUM TAKOZ	50adet
	700 465	CAM TAŞIYICI TAKOZ	50adet

FS60 AO ADD ON CEPHE SİSTEMİ

CONTALAR

CONTA ŞEKLİ	CONTA KODU	MALZEME CİNSİ	CONTA TANIMI	PAKET
	800 315	EPDM	YATAY TAŞIYICI CONTASI	20mt/paket (0,731kg/mt)
	800 316	EPDM	DÜŞEY TAŞIYICI CONTASI	20mt/paket (0,686kg/mt)
	800 263	EPDM	BASKI PROFİLİ CONTASI	125mt/paket 0,105kg/mt

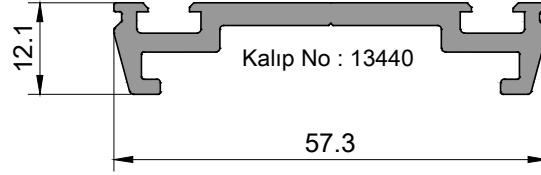
FS60 AO ADD ON CEPHE SİSTEMİ

TAM ÖLÇEKLİ ALUMİNYUM PROFİLLER

P 1142

Baskı profili

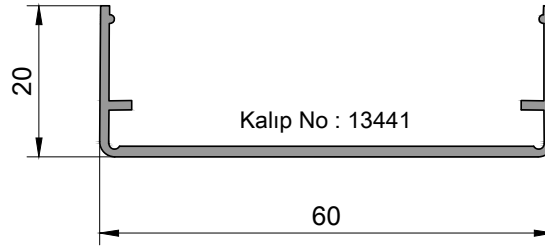
Weight : 0,645kg/mt



P 1143

Düşey Kapak profili

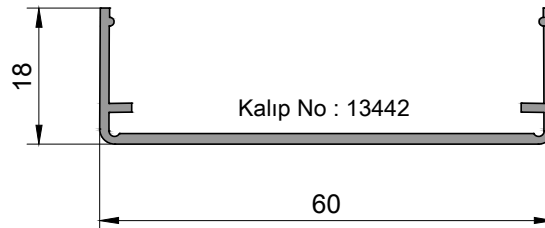
Weight : 0,364kg/mt



P 1144

Yatay Kapak profili

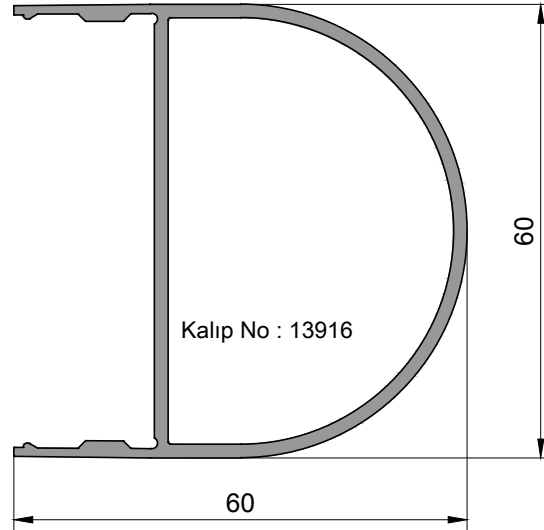
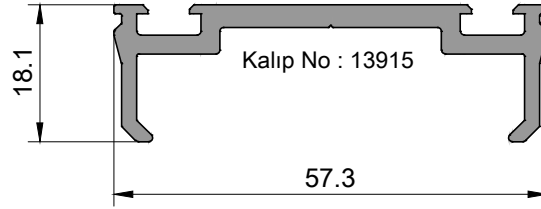
Weight : 0,351kg/mt



P 1226

Baskı profili

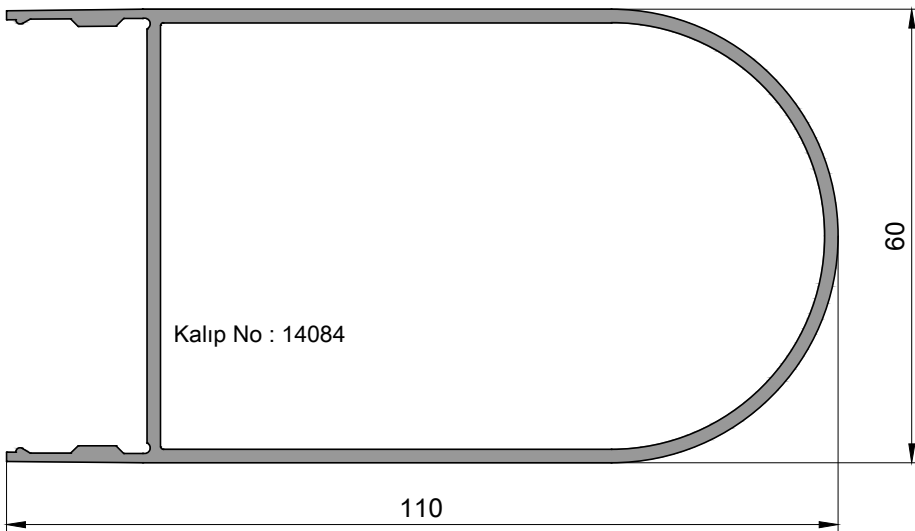
Weight : 0,690kg/mt



P 1227

Dairesel kapak profili

Weight : 0,990kg/mt



P 1251

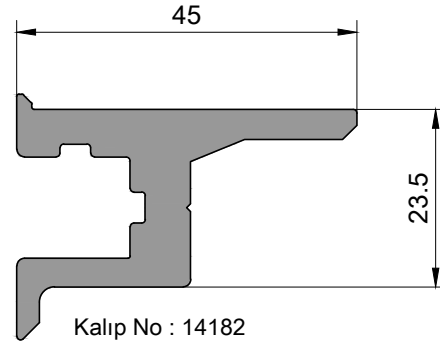
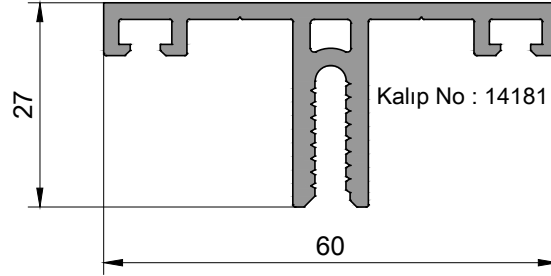
Dairesel kapak profili

Weight : 1,475kg/mt

P 1290

Cephe altlık profili

Weight : 0,880kg/mt



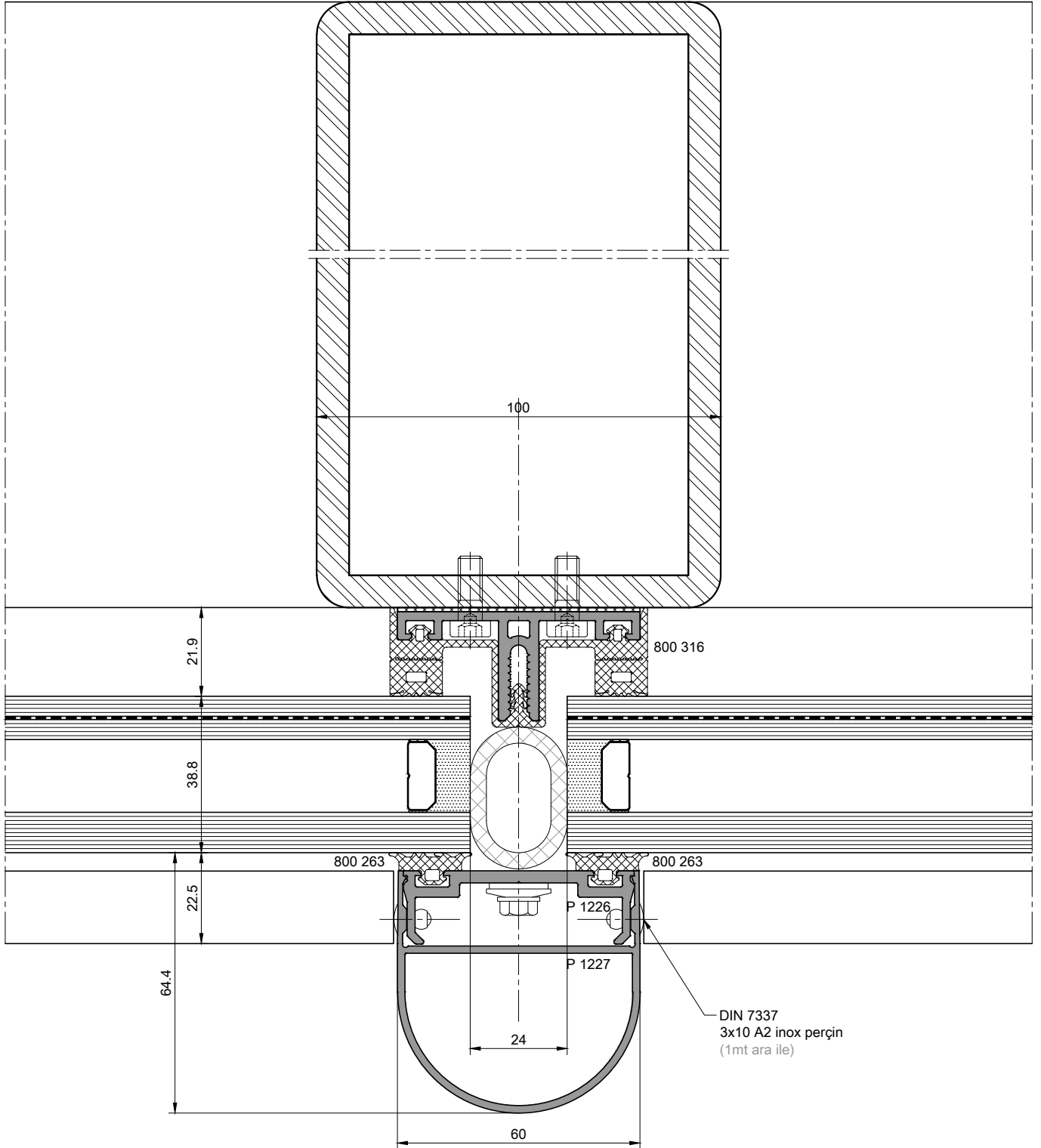
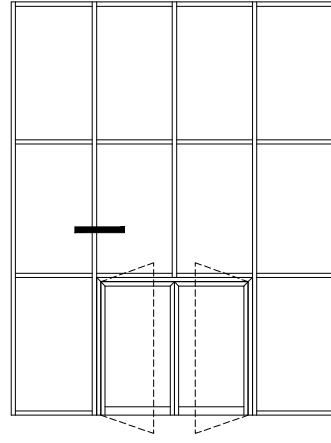
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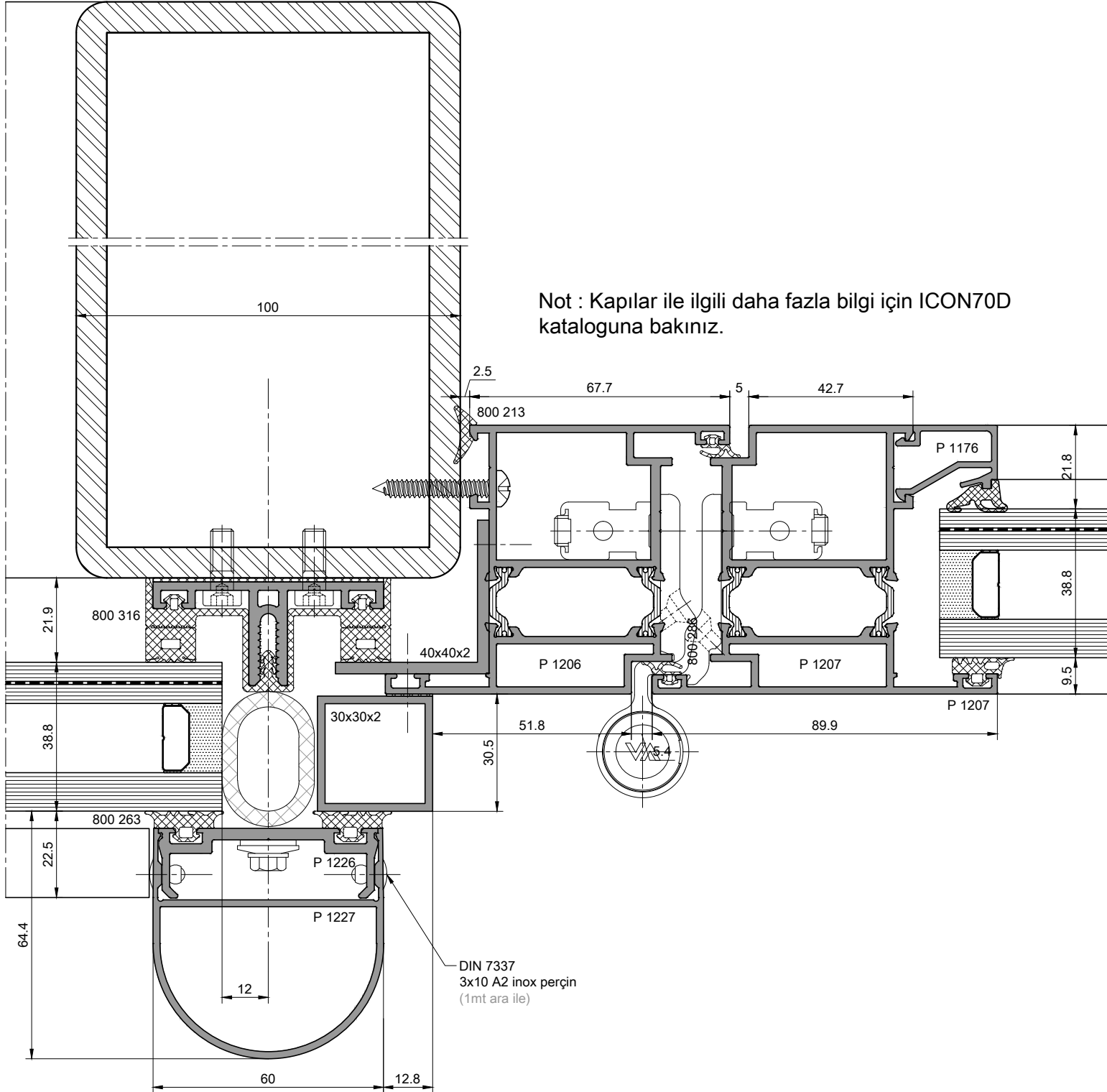
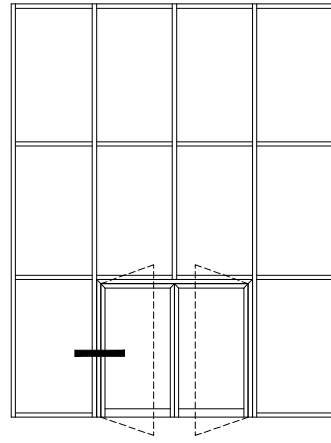
Cam taşıyıcı profil

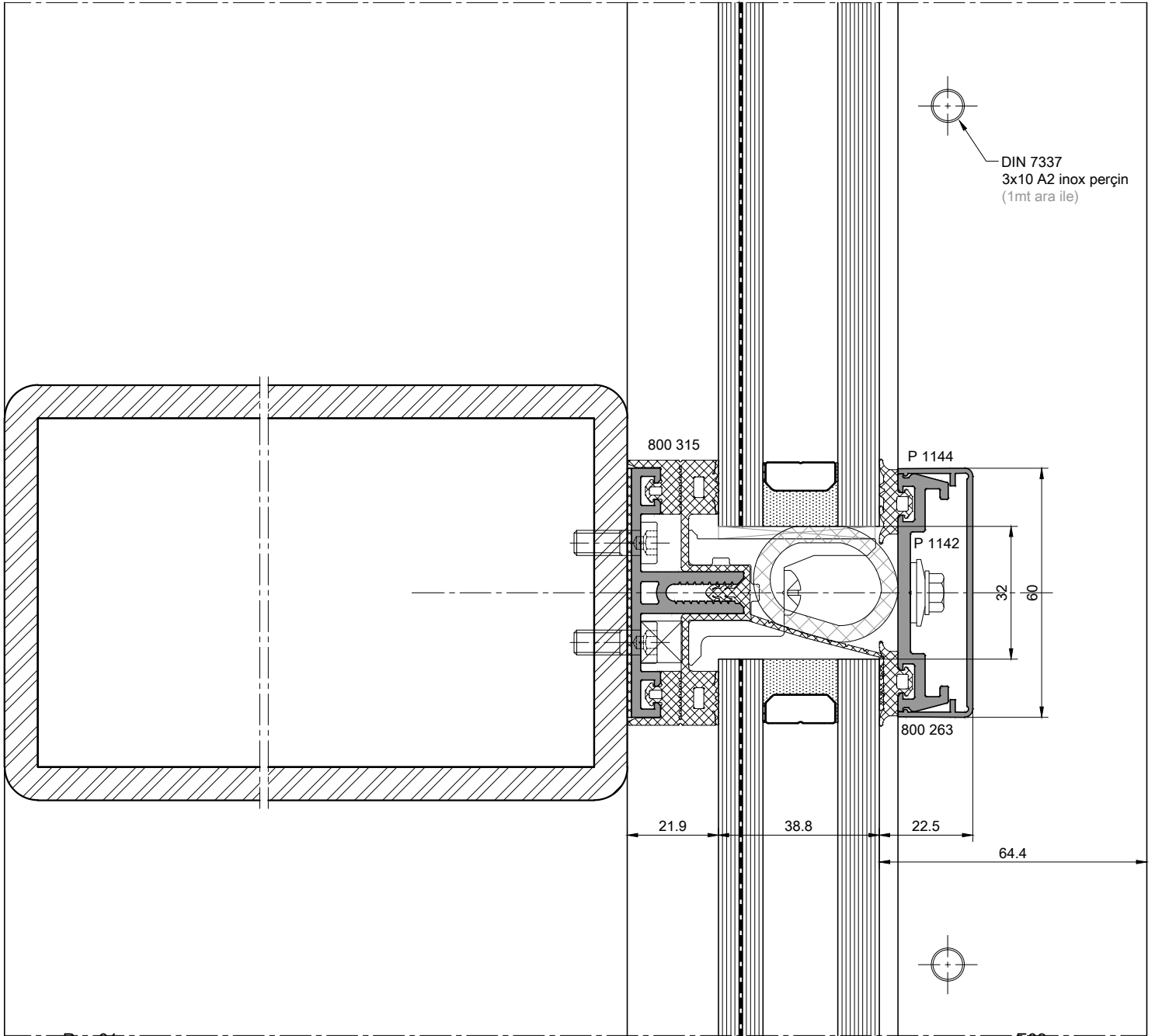
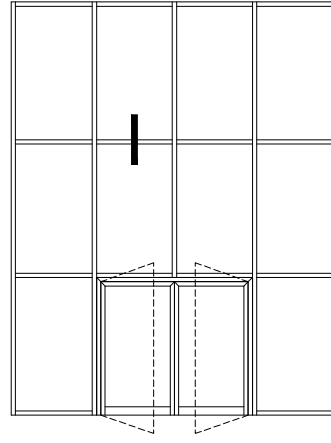
Weight : 1,200kg/mt

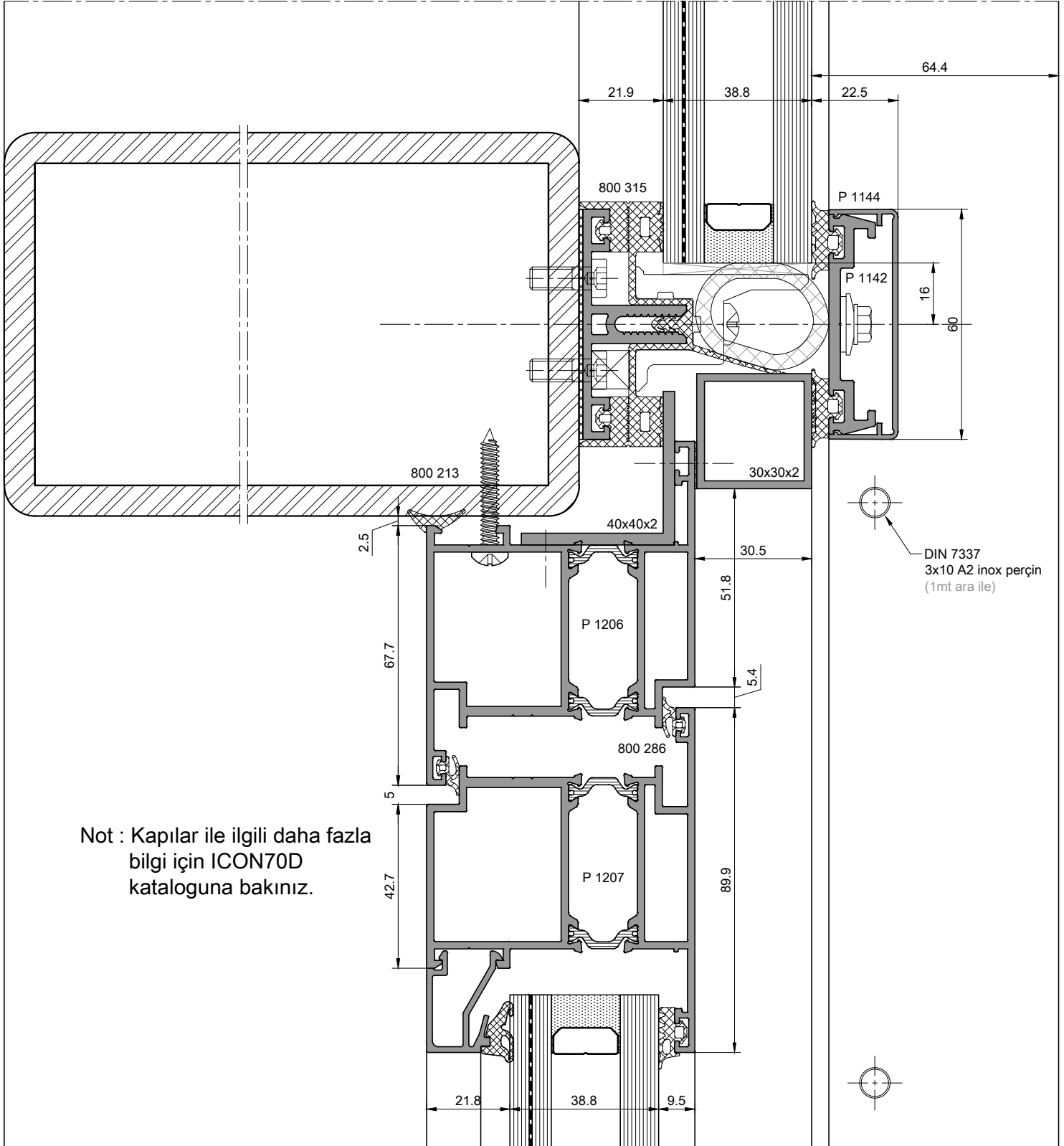
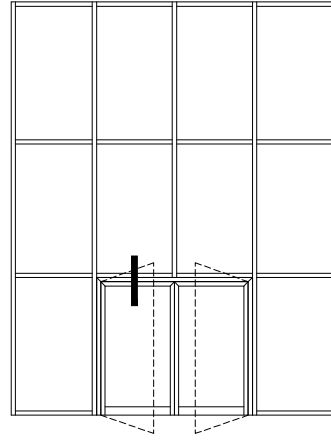
FS60 AO ADD ON CEPHE SİSTEMİ

PRENSİP SİSTEM DETAYLARI





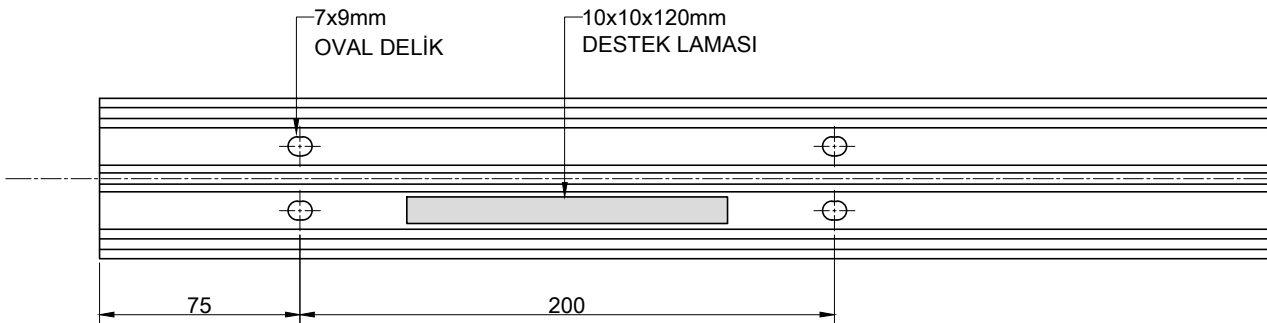
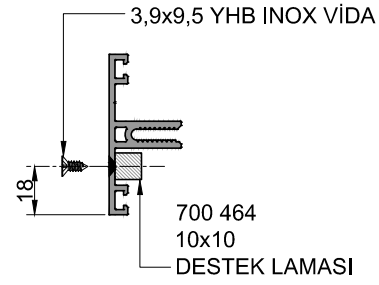
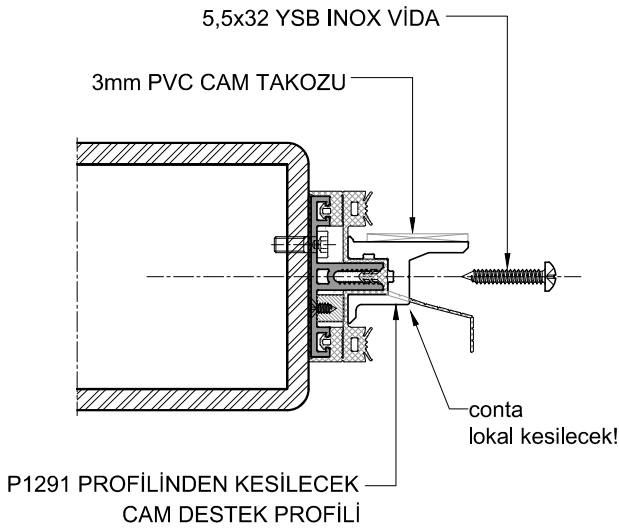
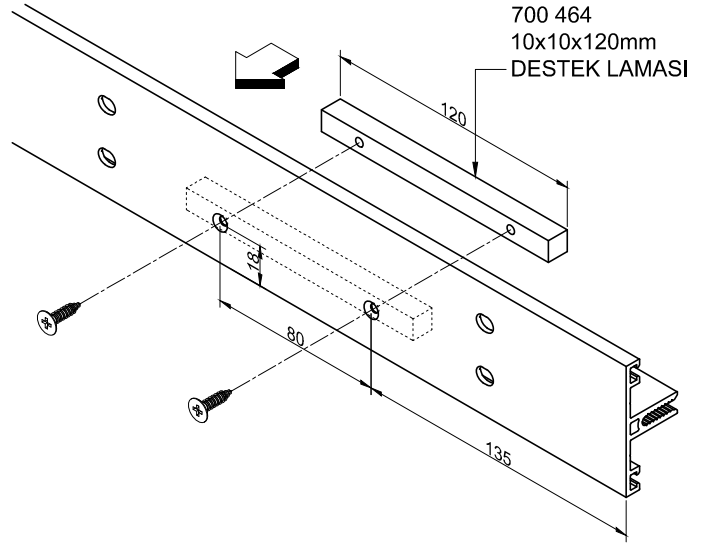
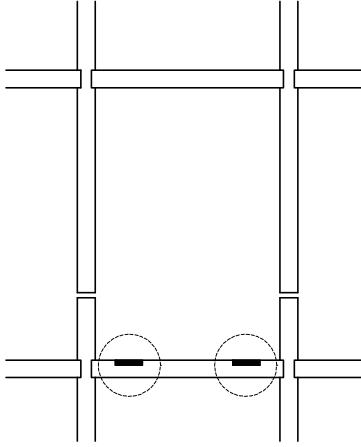


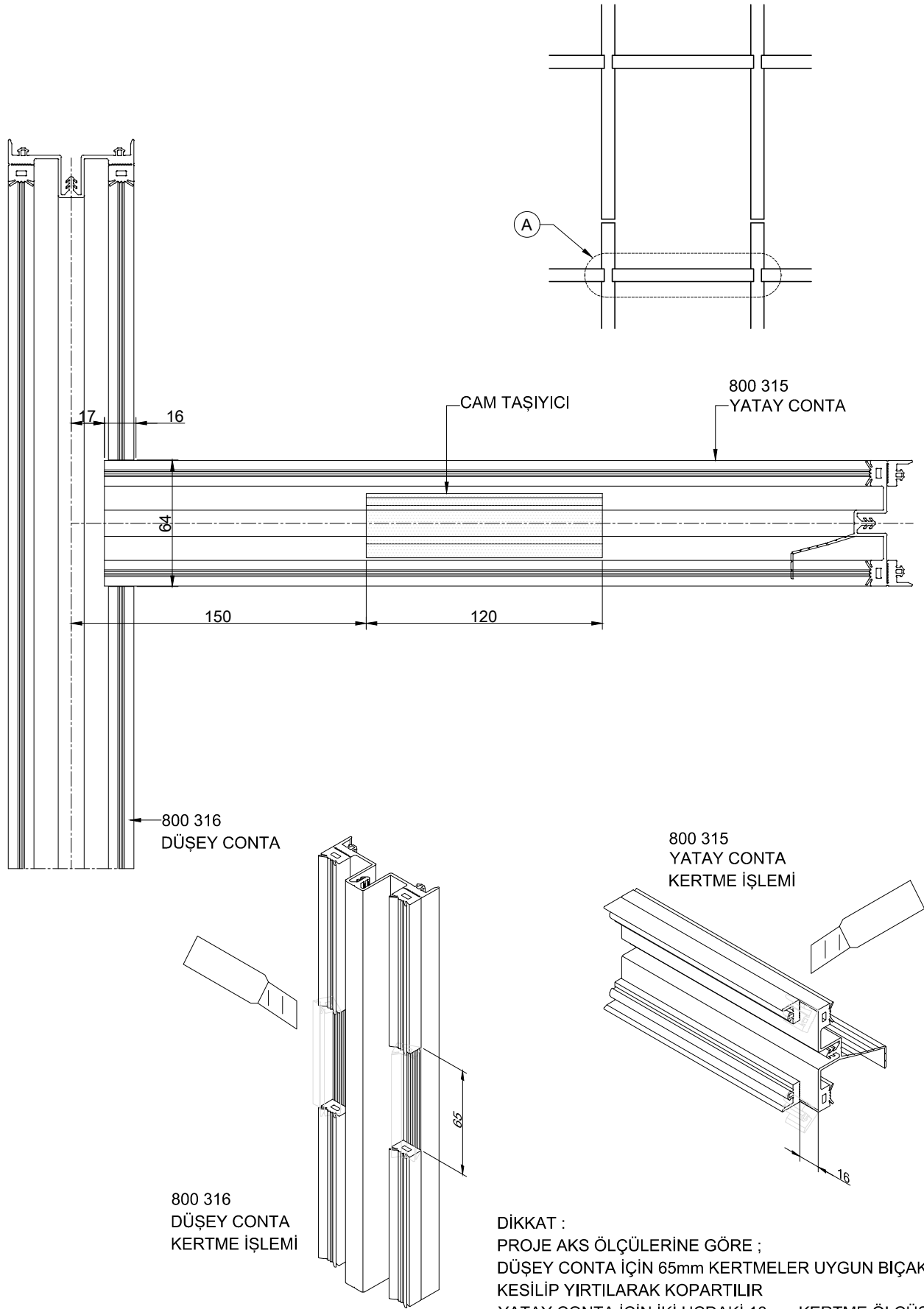


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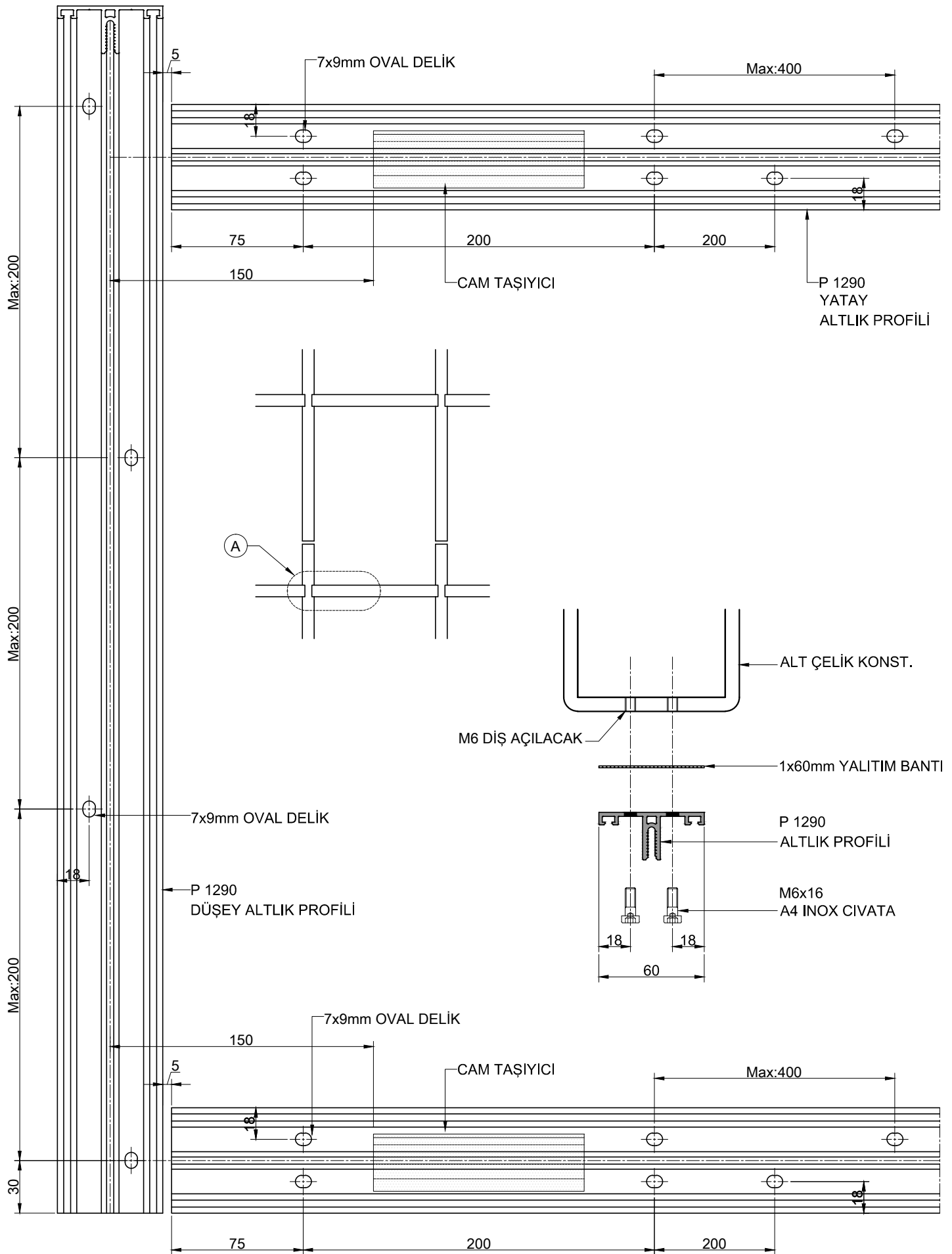
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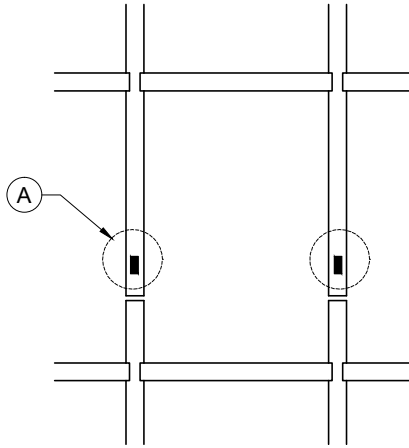
FABRİKASYON ve MONTAJ TALİMATLARI



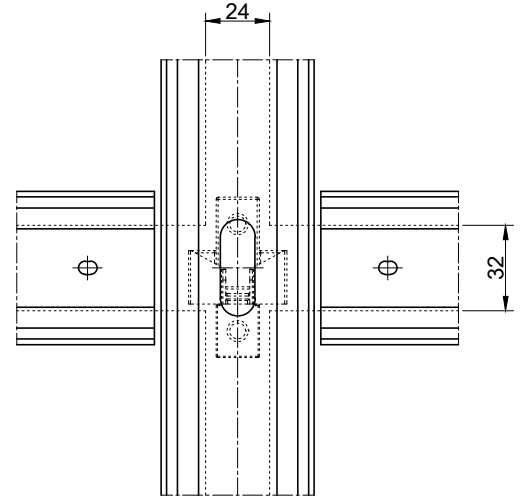
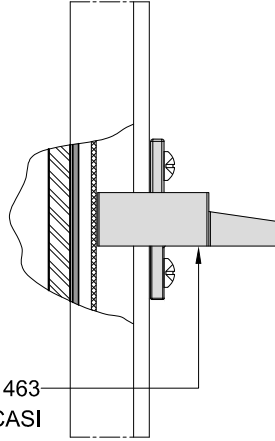


DİKKAT :
PROJE AKS ÖLÇÜLERİNE GÖRE ;
DÜŞEY CONTA İÇİN 65mm KERTMELER UYGUN BIÇAK İLE
KESİLİP YIRTILARAK KOPARTILIR
YATAY CONTA İÇİN İKİ UCDAKİ 16mm KERTME ÖLÇÜSÜNE
GÖRE UYGUN BIÇAK İLE KESİLİP YIRTILARAK KOPARTILIR

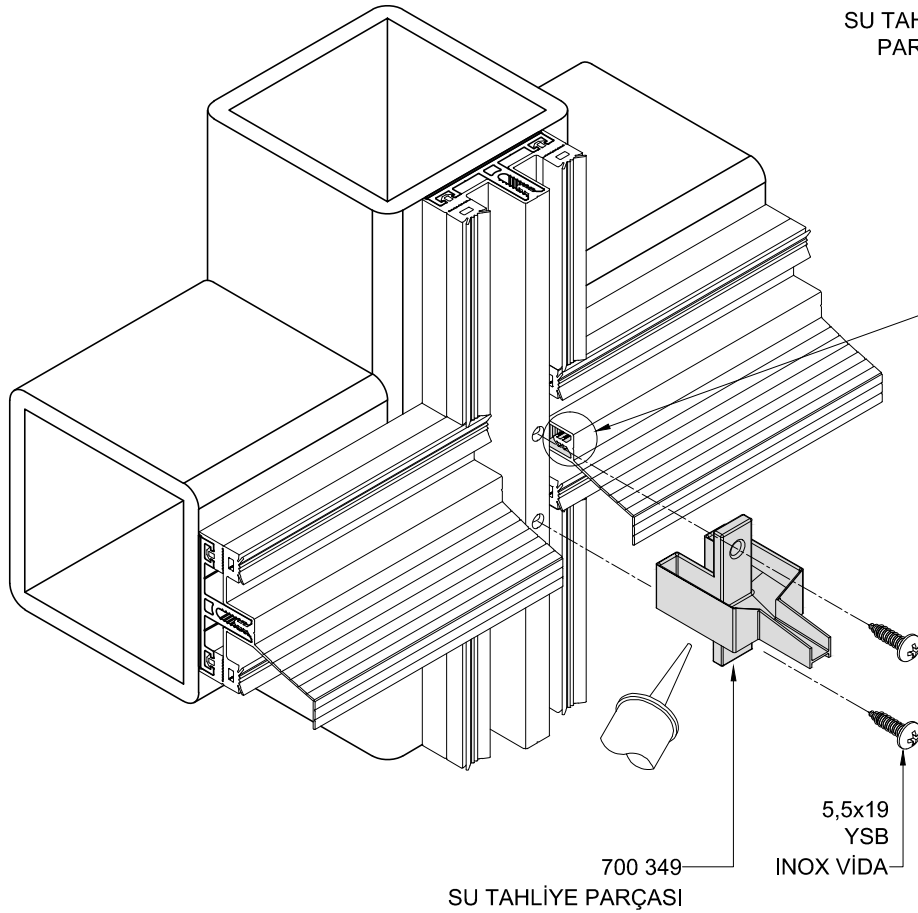
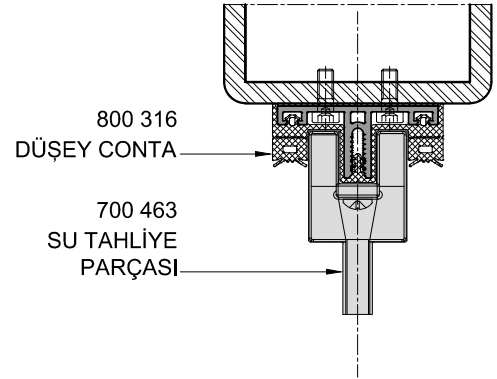




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SU TAHLİYE PARÇASI

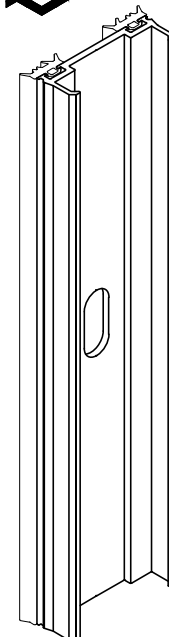


DİKKAT:
SU TAHLİYE PARÇASI ,DÜŞEY CONTA EK YERİ
ÜST TARAFINDA ve YATAY CONTA HİZASINDA
YERLEŞTİRİLMELİDİR.



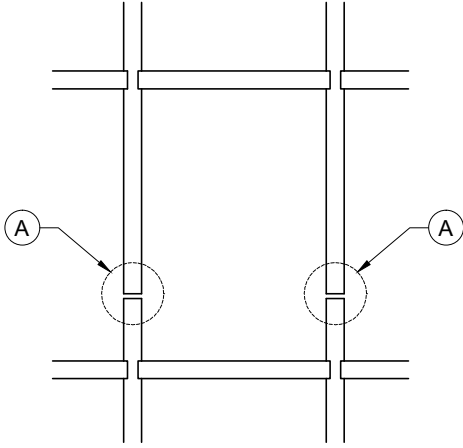
700 349
SU TAHLİYE PARÇASI

5,5x19
YSB
INOX VİDA



DÜŞEY
BASKI PROFİLİ

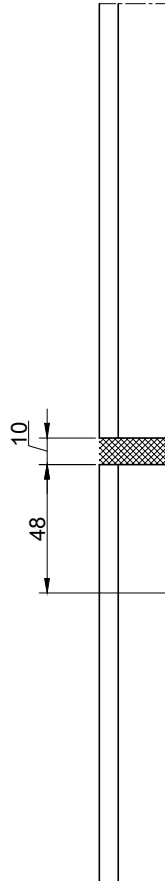
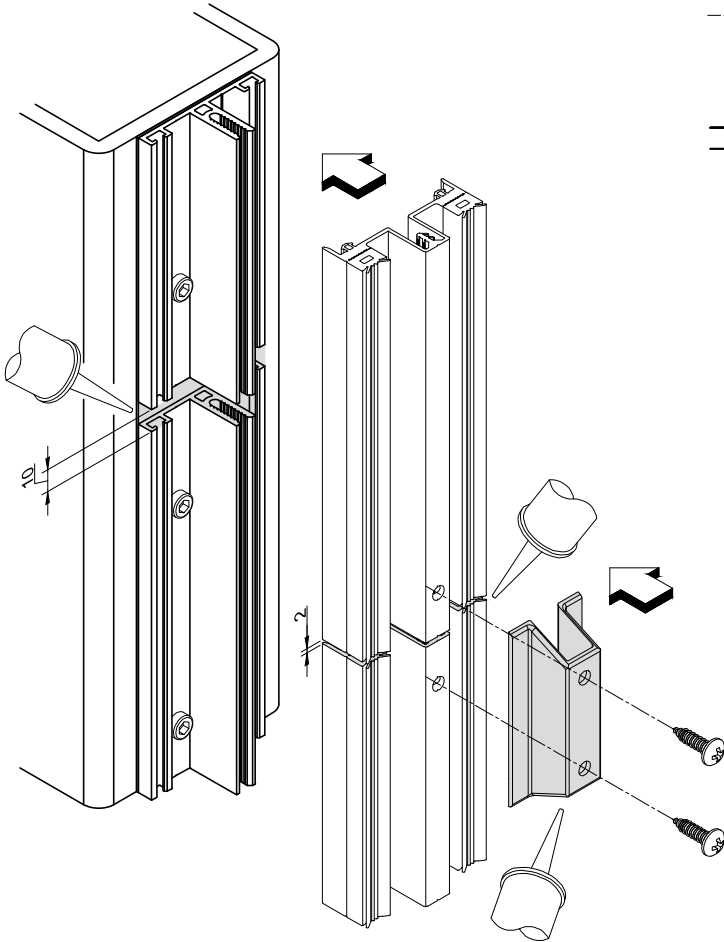
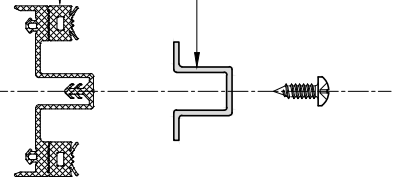
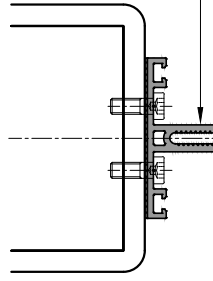
DİKKAT:
PARÇA YERİNE TAKILMADAN ÖNCE,CONTAYA TEMAS
YÜZEYLERİNE SİKA TF PLUS N MASTİK UYGULANACAK.



P 1290
DÜŞEY ALTLIK PROFİLİ

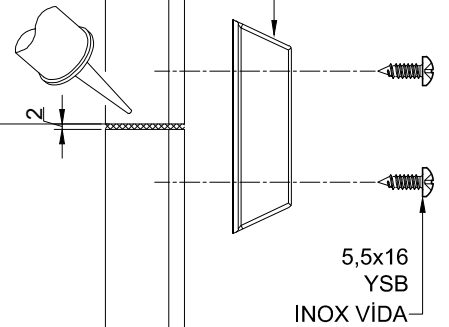
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DÜŞEY CONTA

700 462
CONTA EKYERİ
GEÇİŞ PARÇASI



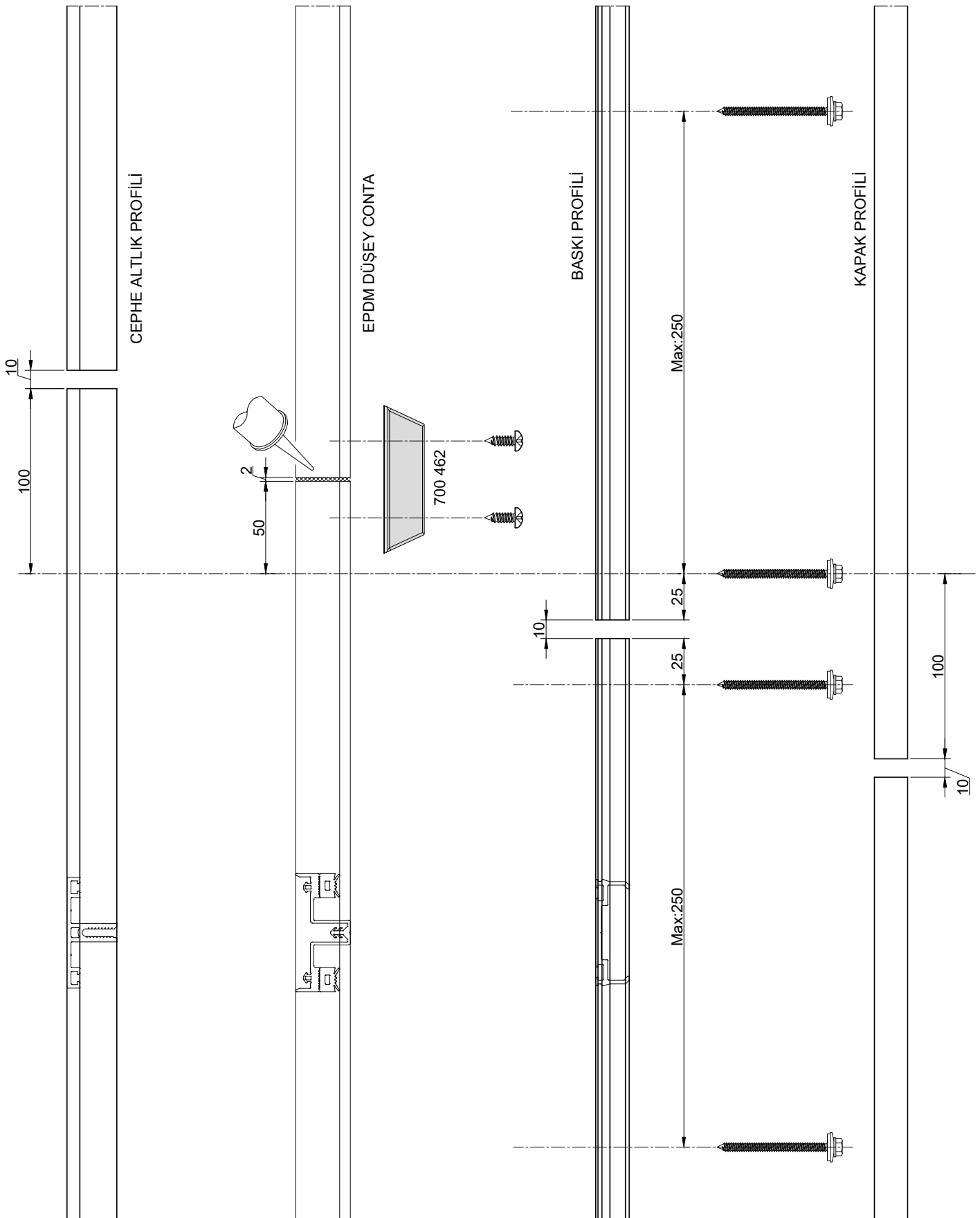
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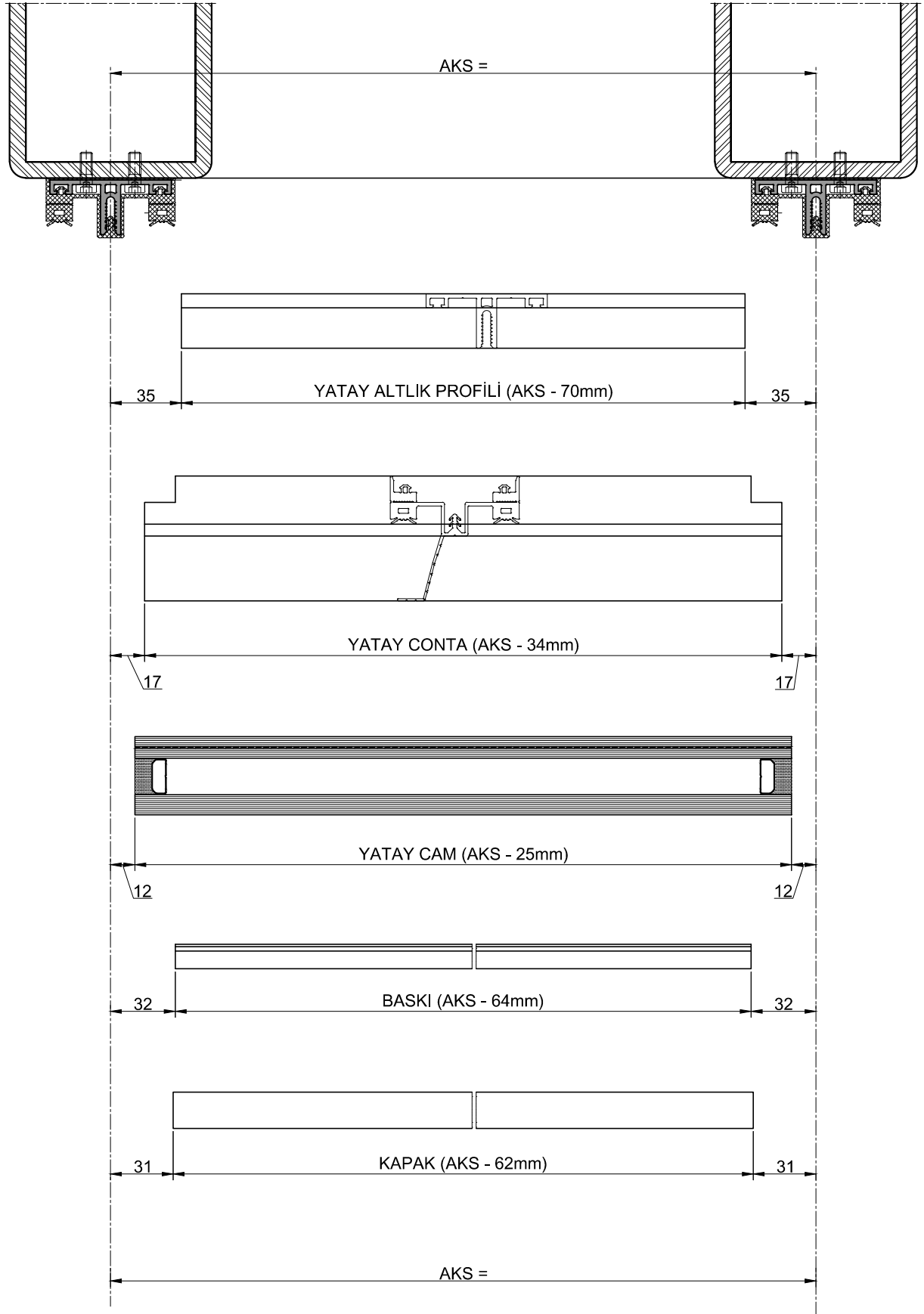
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CONTA EKYERİ
GEÇİŞ PARÇASI

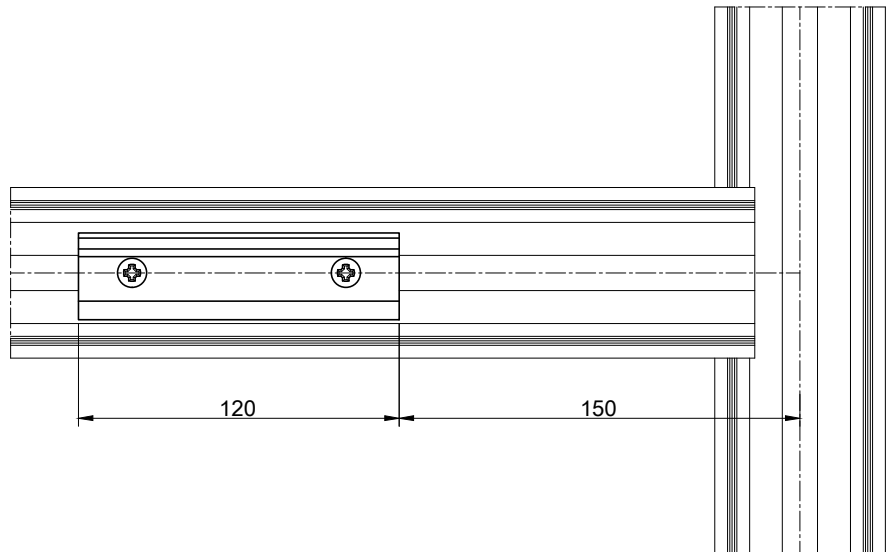
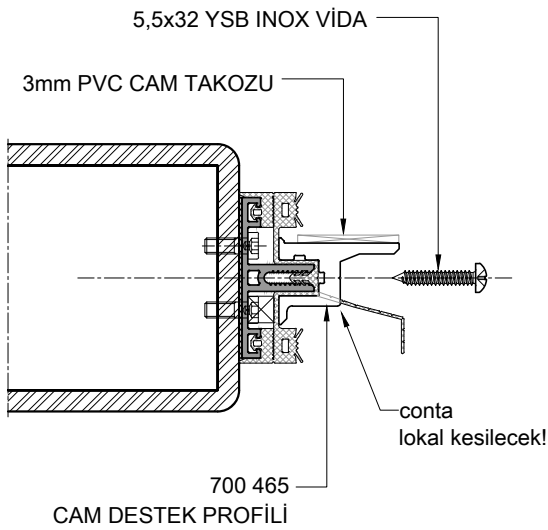
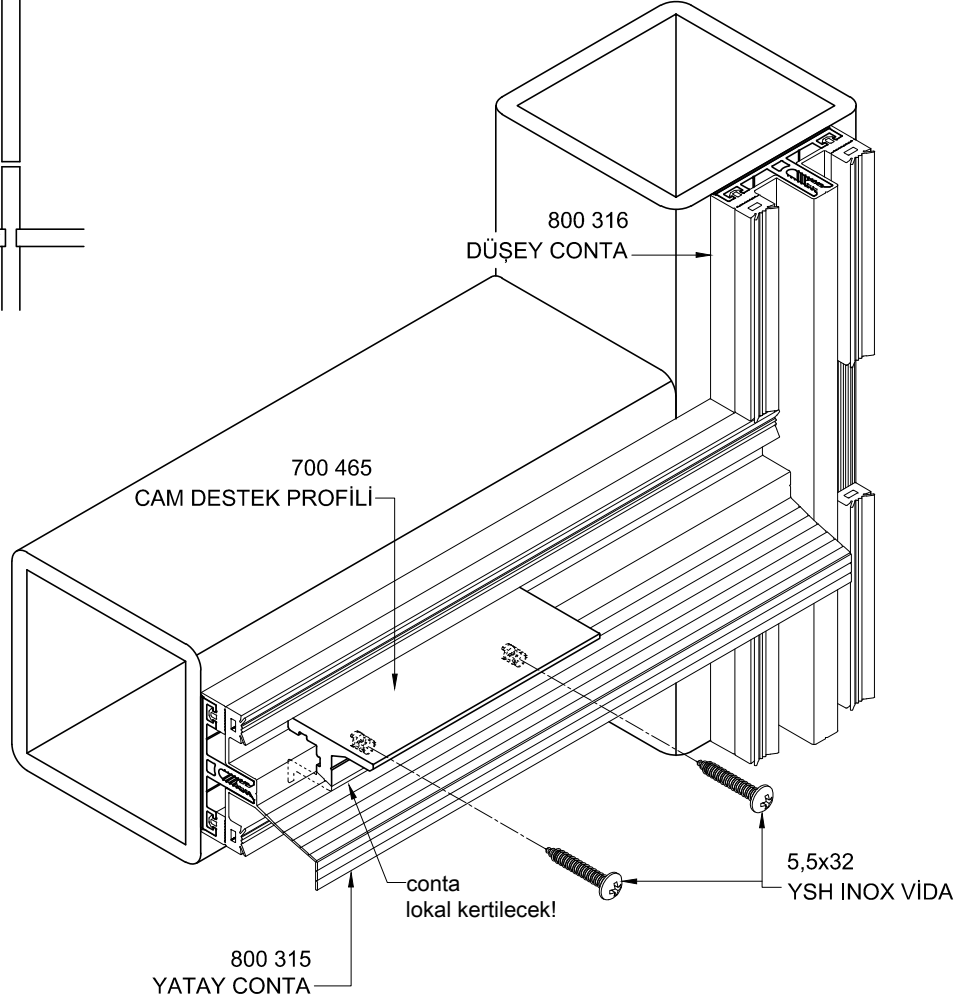
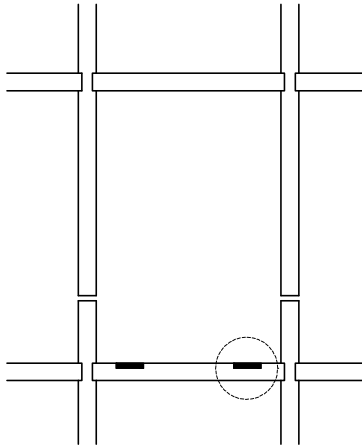


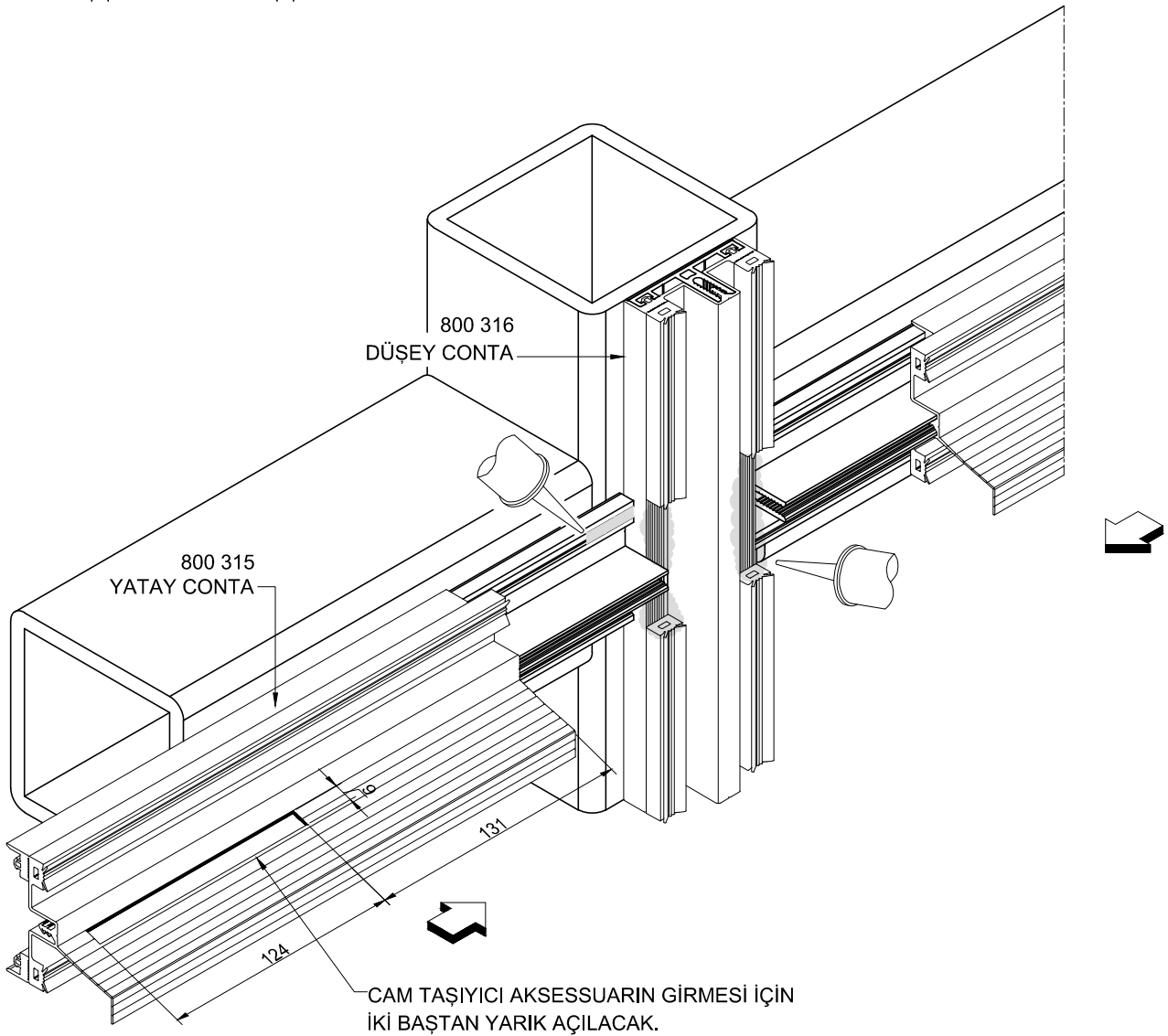
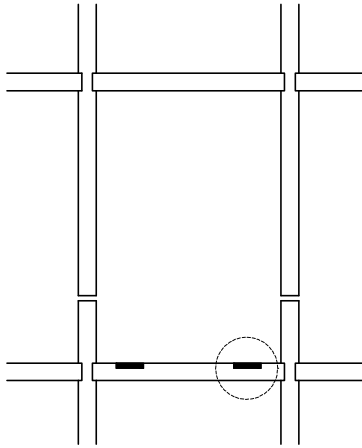
5,5x16
YSB
INOX VIDA

1-PARÇA YERİNE TAKILMADAN ÖNCE,CONTAYA TEMAS
YÜZEYLERİNE SİKA TF PLUS N MASTİK UYGULANACAK.
2-BİRLEŞEN CONTA UCLARI SİKA TF PLUS N MASTİK İLE
YAPIŞTIRILACAK

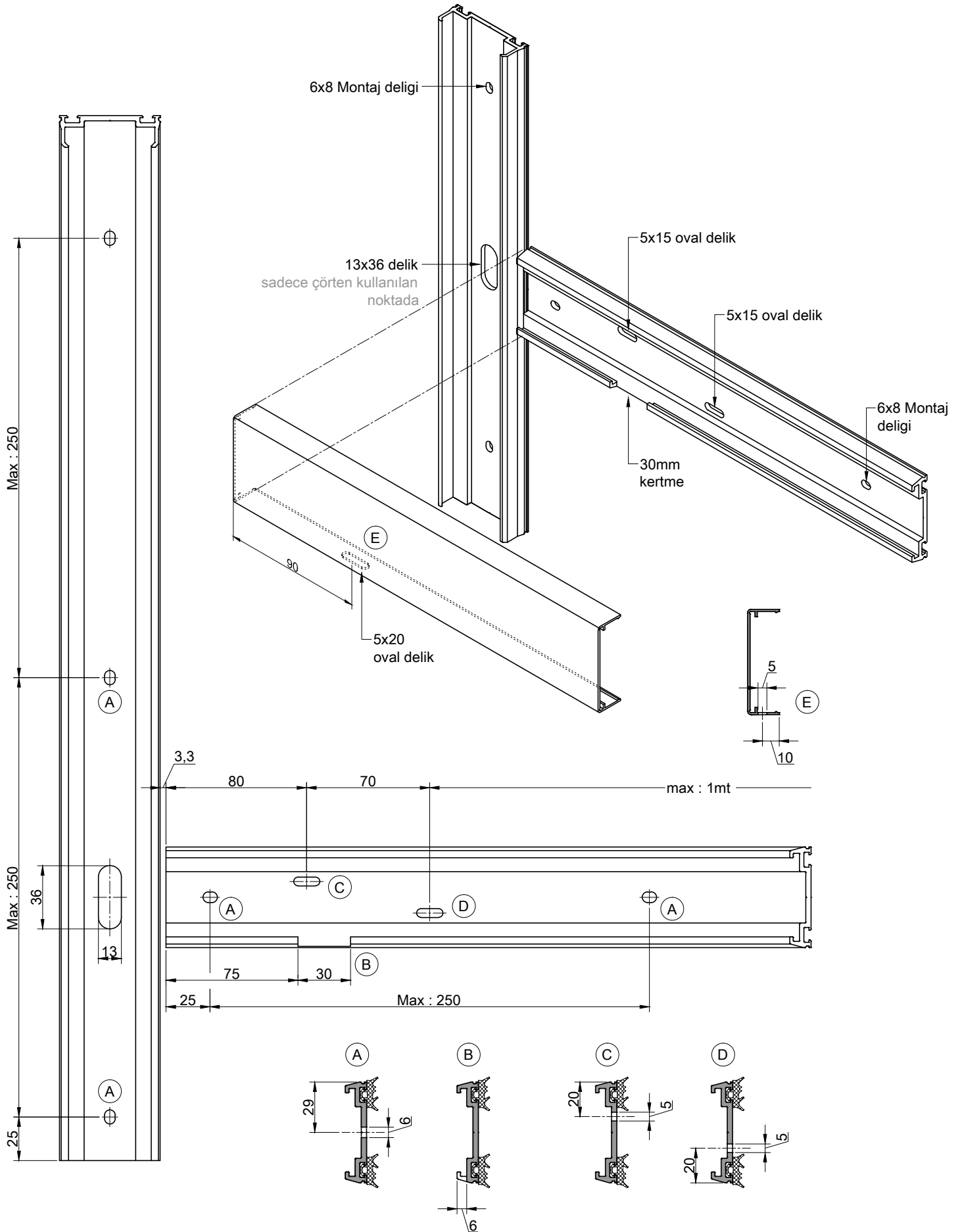


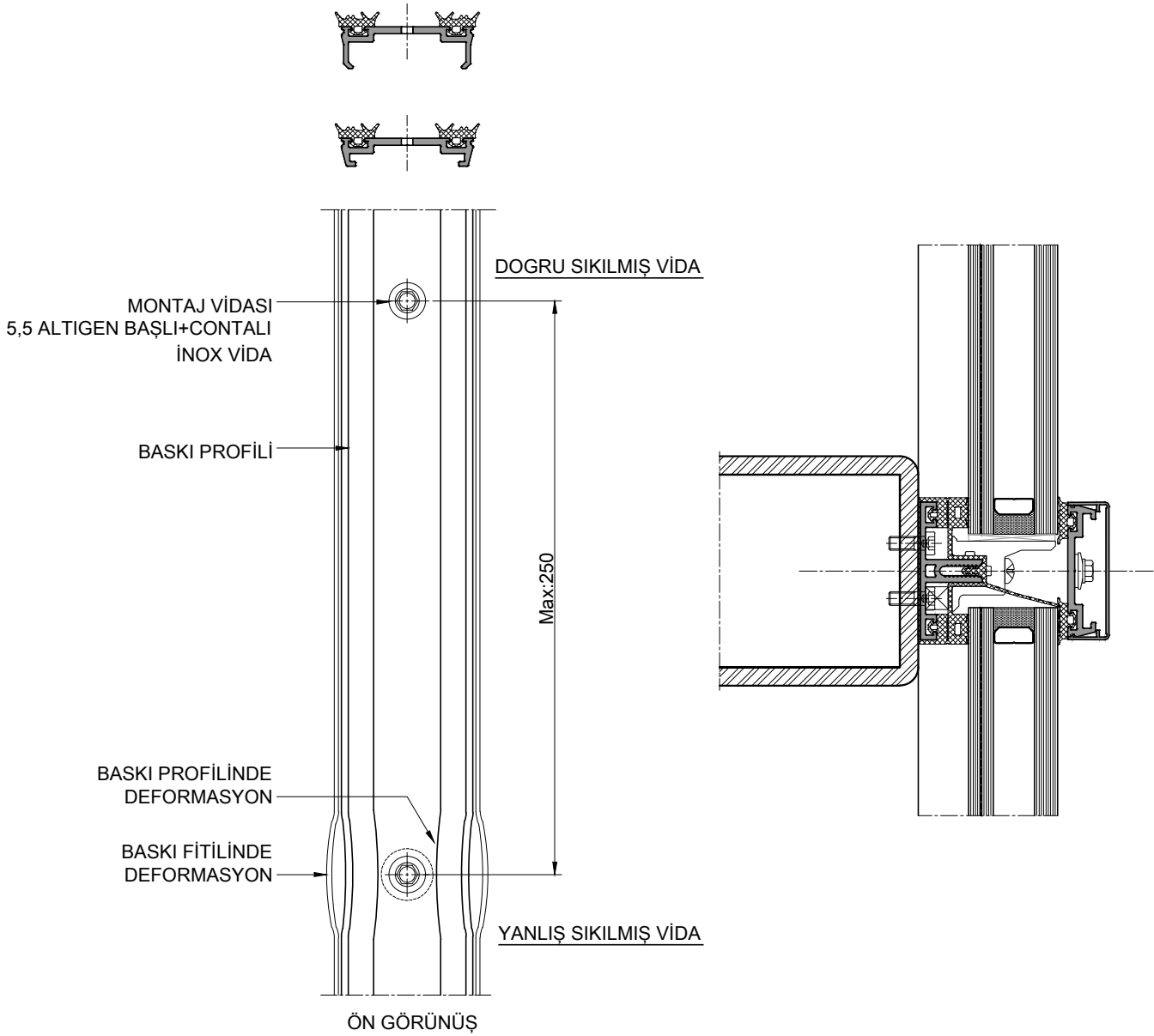






- 1-YER YER KERTİLEN DÜŞEY CONTA MONTAJINDAN SONRA,KERTİLEN KISIMLARA SİKA TF PLUS N MASTİK UYGULANACAK.
- 2-YATAY CONTALARIN MONTAJIDAN ÖNCE,ALUMİNYUM CONTA KANALLARI VE DÜŞEYE BİNİ YAPAN KERTİLMİŞ CONTA ALT YÜZEYLERİNE SİKA TF PLUS N MASTİK UYGULANACAK.



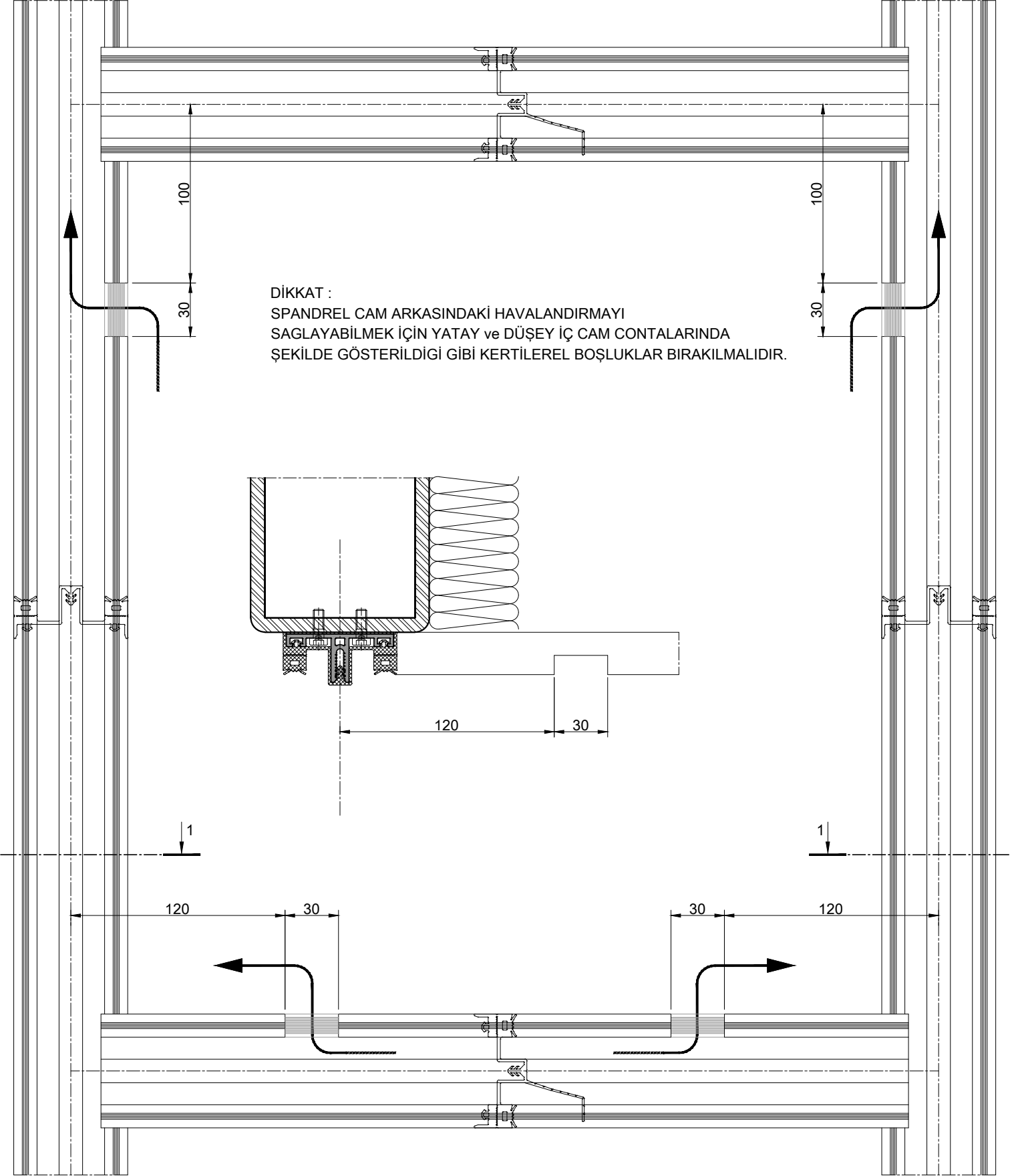


*BASKI VİDASI AŞIRI SIKILMASI DURUMUNDA BASKI PROFİLİ ORTA KISMINDA ÇÖKME OLUŞUR.
BU DURUMDA BASKI CONTALARI AŞIRI EZİLME SEBEBİYLE DIŞA DOGRU DEFORME OLUR.

BASKI PROFİLİ UYGULAMASI

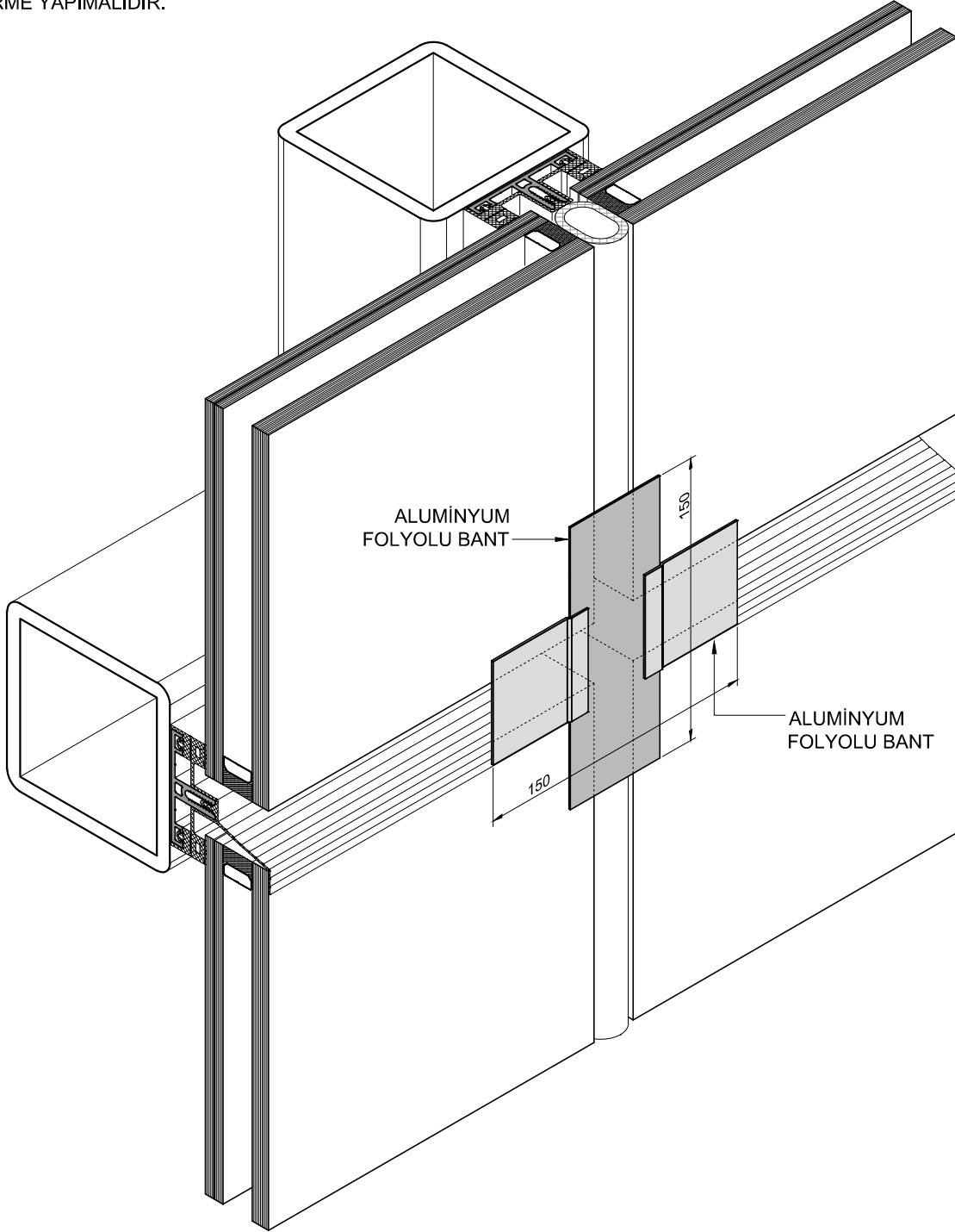
- 1 - BASKI PROFİLİ Max.250mm ARA İLE VİDALANIR.
- 2 - BASKI VİDASI 5Nm TORK İLE SIKILIR .
- 3 - BASKI VİDASI SIKARKEN SÜRTÜNMEYİ ÖNLEMEK İÇİN VİDA MUTLAKA YAGLANMALIDIR.
- 4 - MONTAJA BAŞLANMADAN ÖNCE BASKI VİDALARI YERİNE SIKILDIKTAN SONRA ÖLÇÜ KONTROLÜ YAPILMALIDIR
-VİDA SIKILAN NOKTA İLE, İKİ VİDA ARASINDAKİ ÖLÇÜ FARKI Max:0,5mm OLMALIDIR..

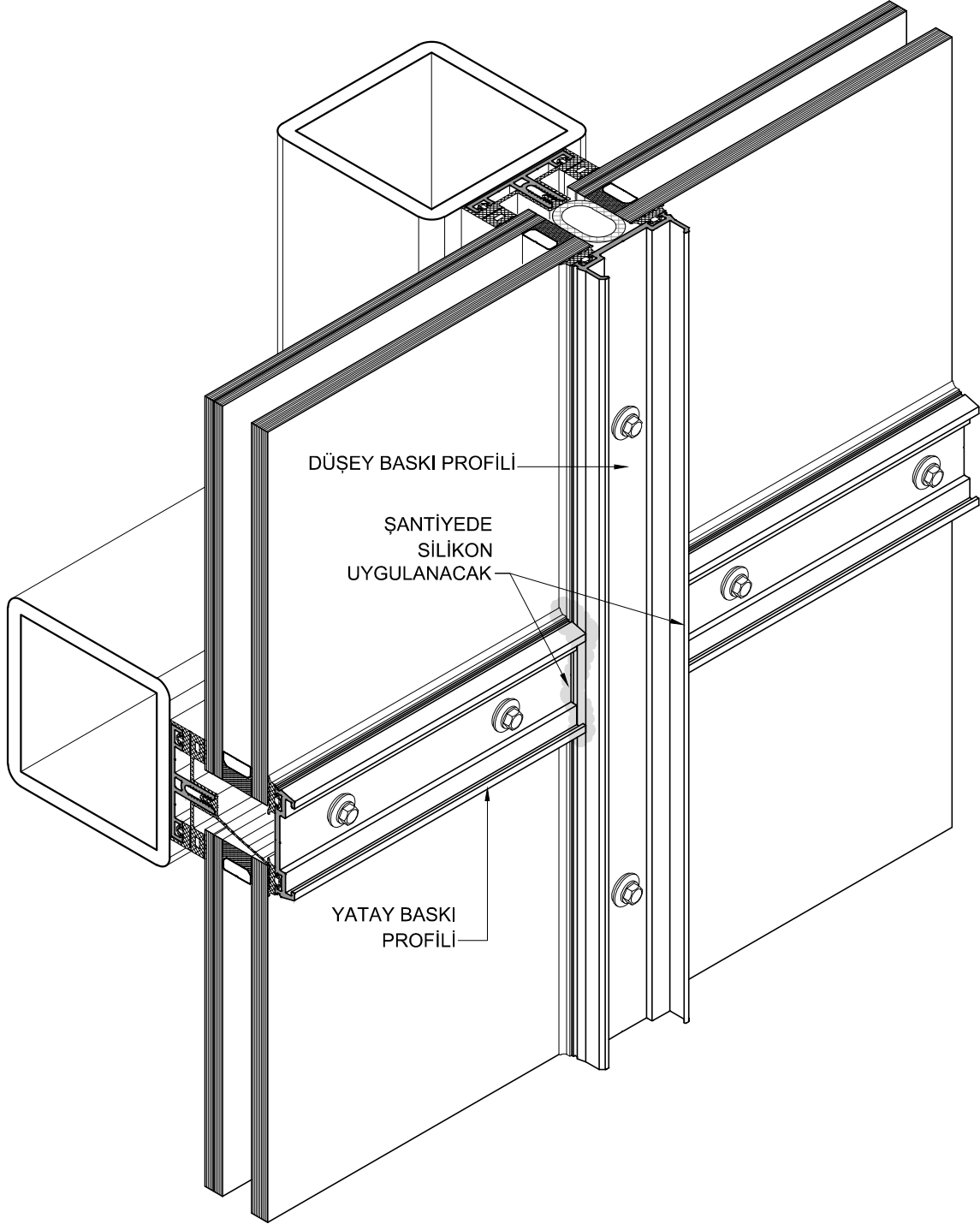
DİKKAT :
SPANDREL CAM ARKASINDAKİ HAVALANDIRMAYI
SAGLAYABİLMEK İÇİN YATAY ve DÜŞEY İÇ CAM CONTALARINDA
ŞEKİLDE GÖSTERİLDİĞİ GİBİ KERTİLEREL BOŞLUKLAR BIRAKILMALIDIR.



ALUMİNYUM FOLYO BANT UYGULAMA TALİMATI

- 1 - BUTİL BANT UYGULANACAK CAM YÜZEYİNİN KURU VE TEMİZ OLMASI GEREKLİDİR.
- 2 - BUTİL BANT UYGULANMASI İÇİN UYGUN HAVA SICAKLIĞI +5° İLE +40° ARASIDIR.
- 3 - BUTİL BANT CAMIN ÜZERİNE Min.5mm BİNDİRME YAPIMALIDIR.
- 4 - YATAY BUTİL BANT,DÜŞEY YÖNDE SÜREKLİ DEVAM EDEN BUTİL BANT ÜZERİNE Min.10mm BİNDİRME YAPIMALIDIR.





DİKKAT :
YATAY BASKI PROFİLİ İKİ UCUNA,
DIŞ KAPAK TAKILMADAN ÖNCE SİLİKON UYGULANMALIDIR.

ALUMİNYUM FOLYO BANT UYGULAMA TALİMATI

- 1 - BUTİL BANT UYGULANACAK CAM YÜZEYİNİN KURU VE TEMİZ OLMASI GEREKLİDİR.
- 2 - BUTİL BANT UYGULANMASI İÇİN UYGUN HAVA SICAKLIĞI +5° İLE +40° ARASIDIR.
- 3 - BUTİL BANT CAMIN ÜZERİNE Min.5mm BİNDİRME YAPIMALIDIR.
- 4 - YATAY BUTİL BANT,DÜŞEY YÖNDE SÜREKLİ DEVAM EDEN BUTİL BANT ÜZERİNE Min.10mm BİNDİRME YAPIMALIDIR.

