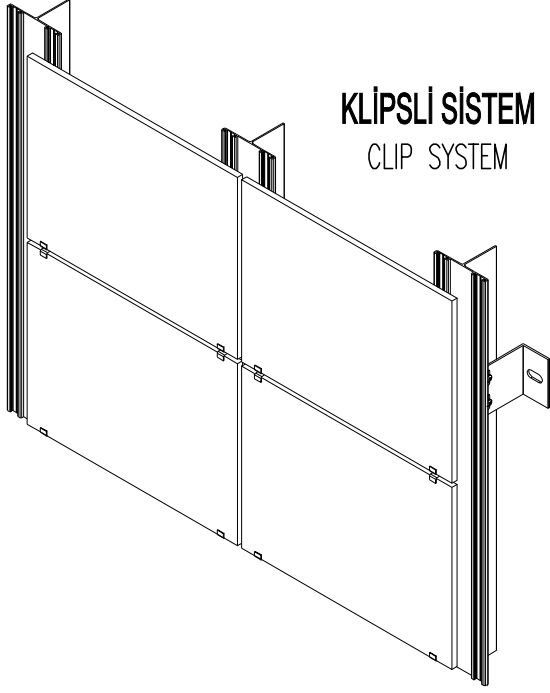
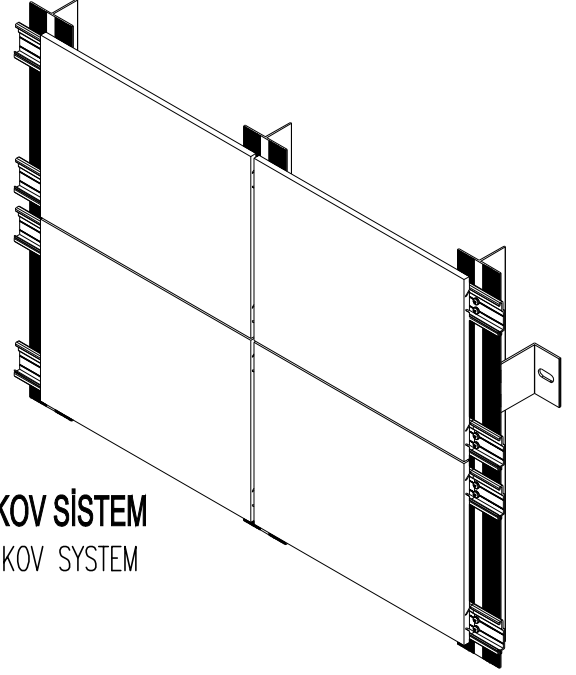
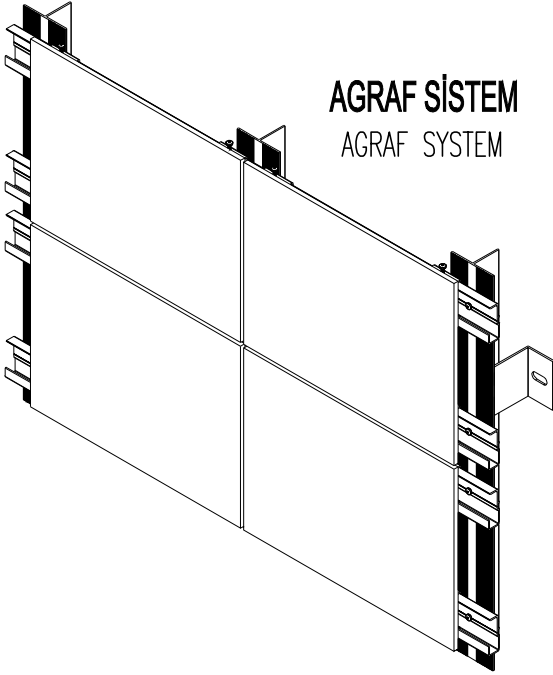




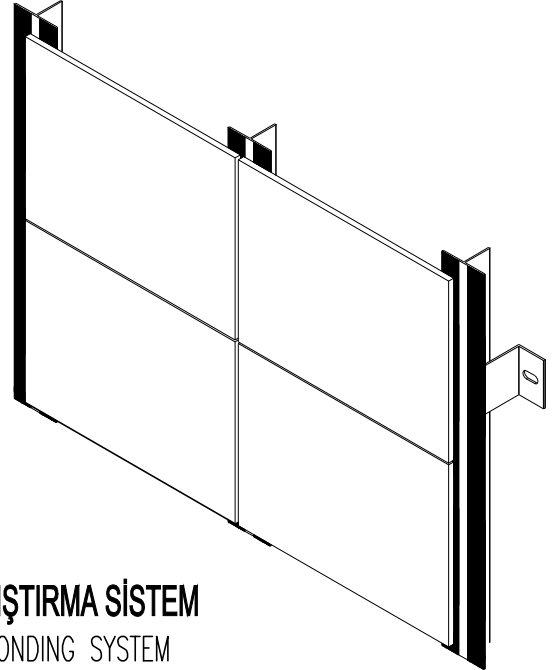
KLİPSLİ SİSTEM
CLIP SYSTEM



ZİKOV SİSTEM
ZIKOV SYSTEM



AGRAF SİSTEM
AGRAF SYSTEM



YAPIŞTIRMA SİSTEM
BONDING SYSTEM

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

ALUTECH SER
CEPHE SİSTEMLERİ
FACADE SYSTEMS

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

No. Nr.	PROFİL KESİTİ PROFILE VIEW	PROFİL NO PROFILE NO	PROFİL AÇIKLAMASI PROFILE DESCRIPTION	BAĞLANTI PARÇALARI CORNER CLEATS	gr/m	STATİK STATIC			
						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	$W_x \text{ cm}^3$	$W_y \text{ cm}^3$
1		SER-101 (97.6 - 53) (2 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		935	6	23,74		
2		SER-102 (97.6 - 70) (2 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		1035	13,83	23,75		
3		SER-103 (26.6 - 53) (2 mm)	TAŞIYICI L PROFİL MULLION L PROFILE		479	5.11	0,86		
4		SER-104 (26.6 - 6.8) (18 mm)	TAŞIYICI PROFİL MULLION PROFILE		227				
5		SER-105 (38.7 - 19.3) (15 mm)	KÖŞE DERZ PROFİL CORNER JOINT PROFILE		312				
6		SER-106 (60 - 42.5) (25 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		677	4.04	4,49		
7		SER-107 (80 - 60) (2 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		748	9.30	8,52		
8		SER-108 (70 - 50) (18 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		551	9.30	8,52		
9		SER-110 (80 - 50.5) (25 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		922	7.12	12,10		
10		SER-111 (80 - 40) (2 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		551	4.77	4,69		

Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER
CEPHE SİSTEMLERİ
FACADE SYSTEMS

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

No. Nr.	PROFİL KESİTİ PROFILE VIEW	PROFİL NO PROFILE NO	PROFİL AÇIKLAMASI PROFILE DESCRIPTION	BAĞLANTI PARÇALARI CORNER CLEATS	gr/m	STATİK STATIC			
						Ix cm ⁴	Iy cm ⁴	Wx cm ³	Wy cm ³
11		SER-112 (60 - 40) (1.8 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		447	2,41	2,67		
12		SER-113 (40 - 80) (15 mm)	TAŞIYICI PROFİL MULLION PROFILE		951	10,16	5,08		
13		SER-114 (60 - 50) (1.8 mm)	TAŞIYICI T PROFİL MULLION T PROFILE		505	4,56	2,96		
14		SER-201 (19,2 - 48) (1.8 mm)	KLİPS PROFİL CLIP PROFILE		495				
15		SER-202 (10,5 - 55,1) (25 mm)	KLİPS ADAPTÖR PROFİL CLIP ADAPTER PROFILE		432				
16		AG-201 (21,1 - 60) (2 mm)	AGRAF PROFİL AGRAF PROFILE		615				
17		SER-301 (80 - 50) (3 mm)	TAŞIYICI L PROFİL MULLION L PROFILE		1032				
18		SER-302 (120 - 50) (3 mm)	TAŞIYICI L PROFİL MULLION L PROFILE		1357				
19		SER-303 (160 - 50) (3 mm)	TAŞIYICI L PROFİL MULLION L PROFILE		1683				
20									

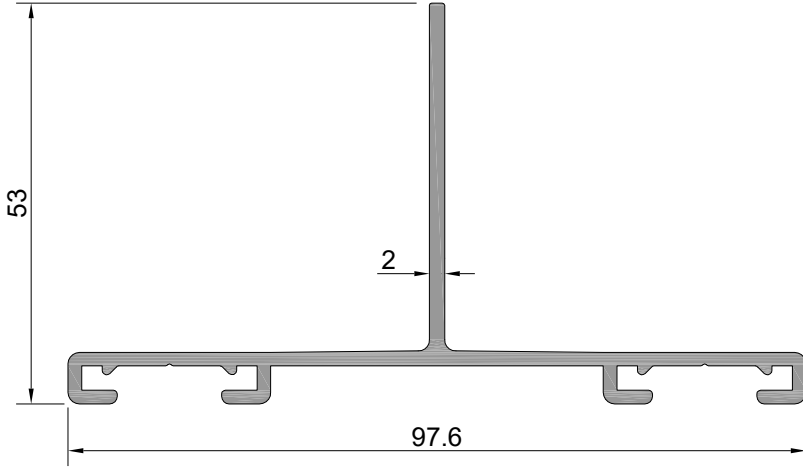
Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

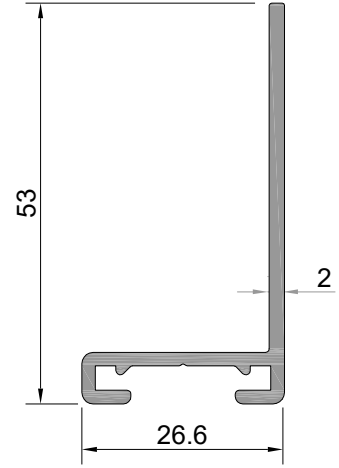
ALUTECH SER
CEPHE SİSTEMİ PROFİLLERİ
FACADE SYSTEM PROFILE

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

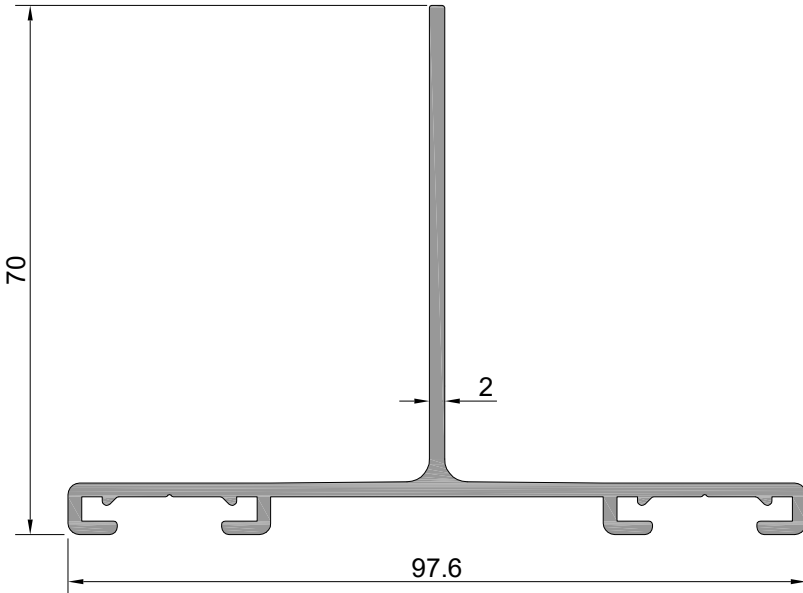
KLİPSLİ SİSTEM
CLIP SYSTEM



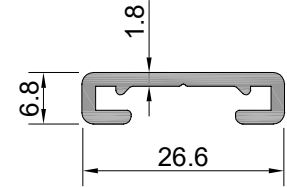
Profil No : SER-101
Ağırlık : 935 gr/m
Ix : 6,00 cm⁴
Iy : 23,74 cm⁴



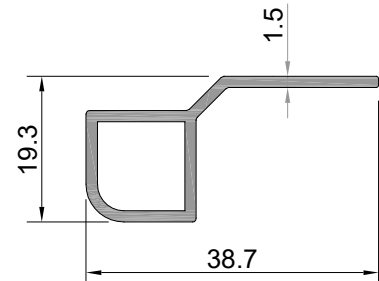
Profil No : SER-103
Ağırlık : 479 gr/m
Ix : 5,11 cm⁴
Iy : 0,86 cm⁴



Profil No : SER-102
Ağırlık : 1035 gr/m
Ix : 13,83 cm⁴
Iy : 23,75 cm⁴



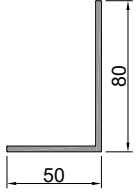
Profil No : SER-104
Ağırlık : 227 gr/m



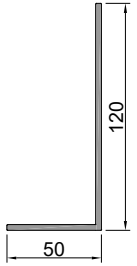
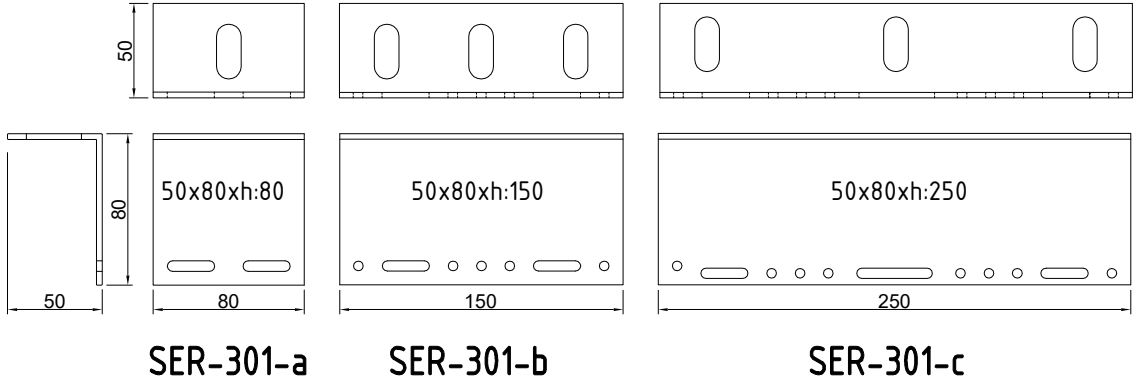
Profil No : SER-105
Ağırlık : 312 gr/m

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

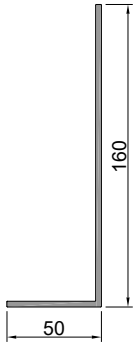
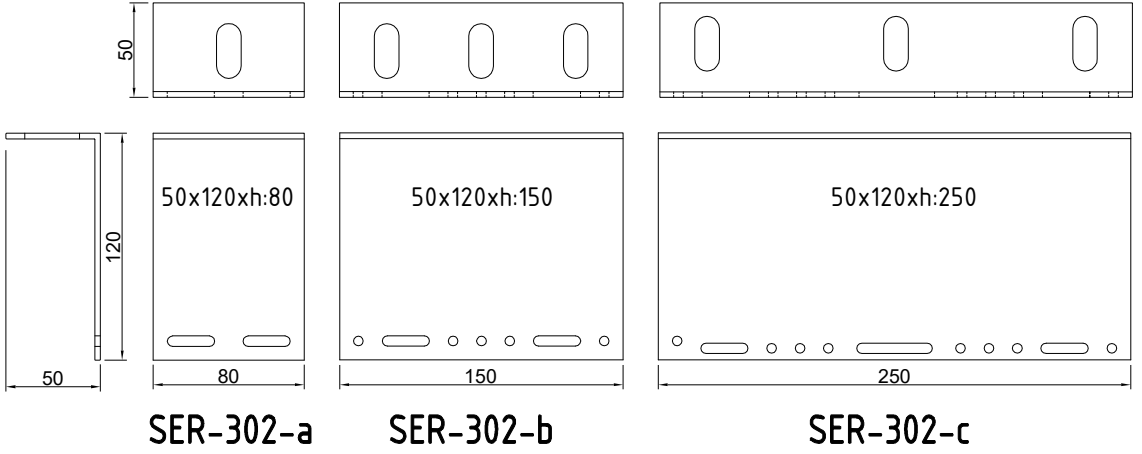
ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES



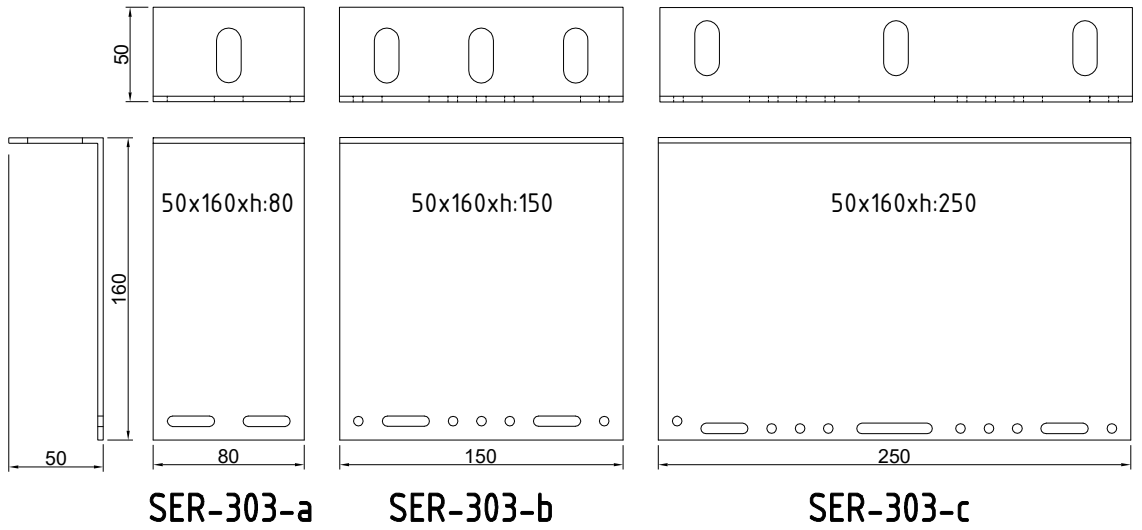
SER-301
Ağırlık:1032 gr/m



SER-302
ağırlık:1357 gr/m

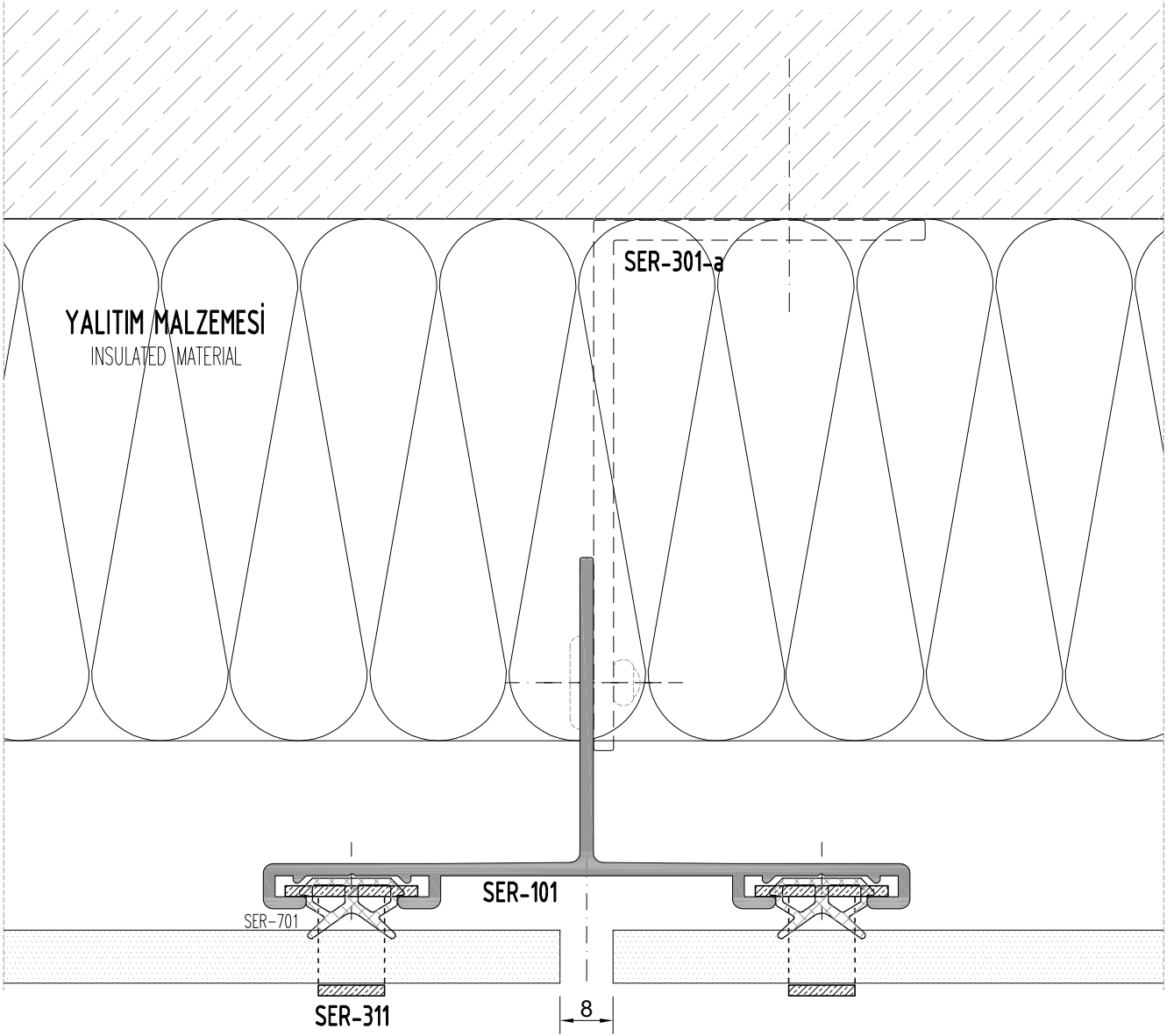
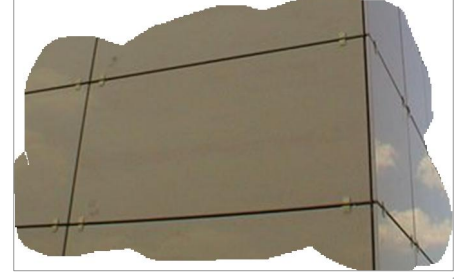


SER-303
ağırlık:1683 gr/m



ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

PLAN DETAY
PLAN DETAIL

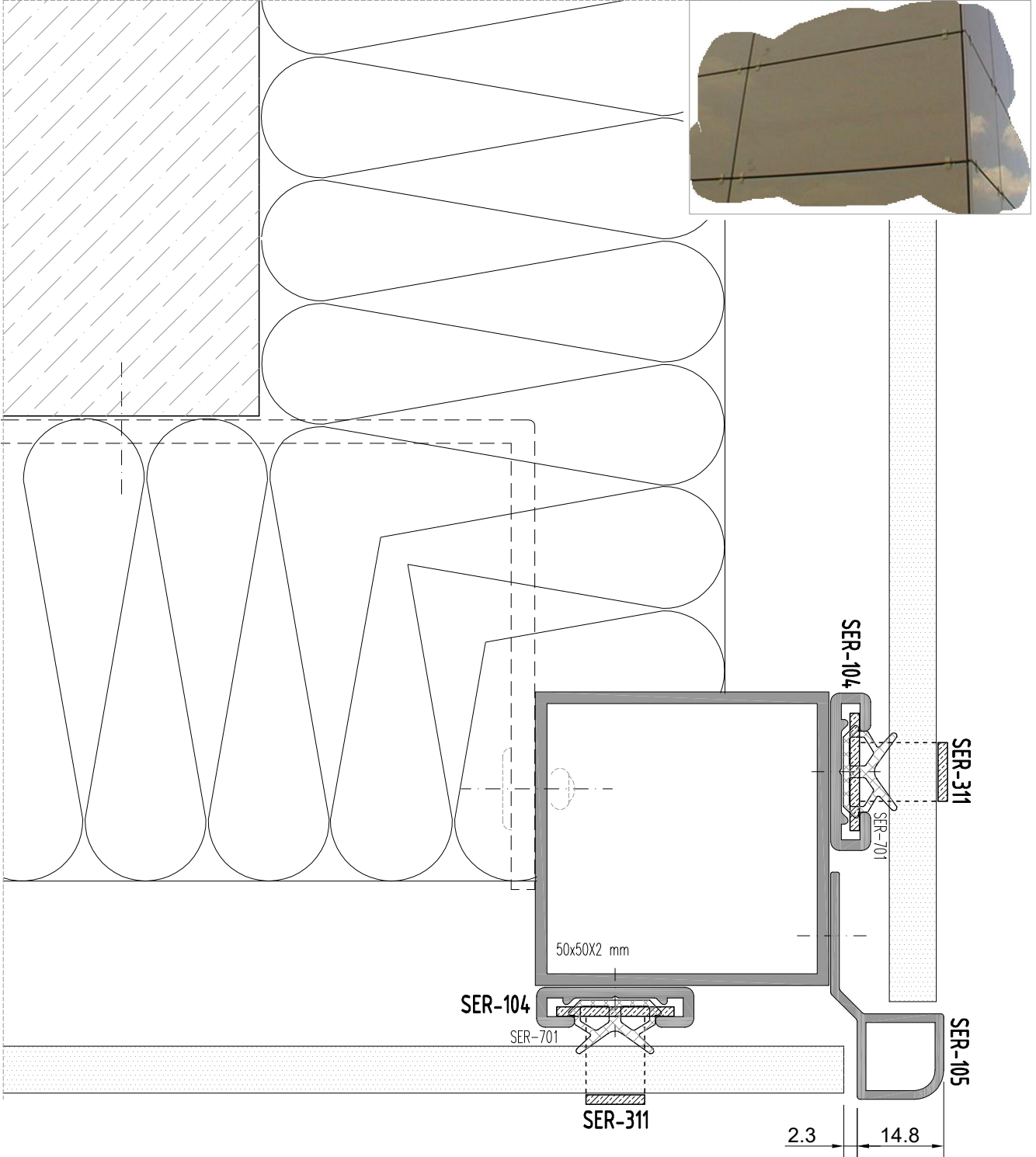


Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

PLAN DETAY
PLAN DETAIL

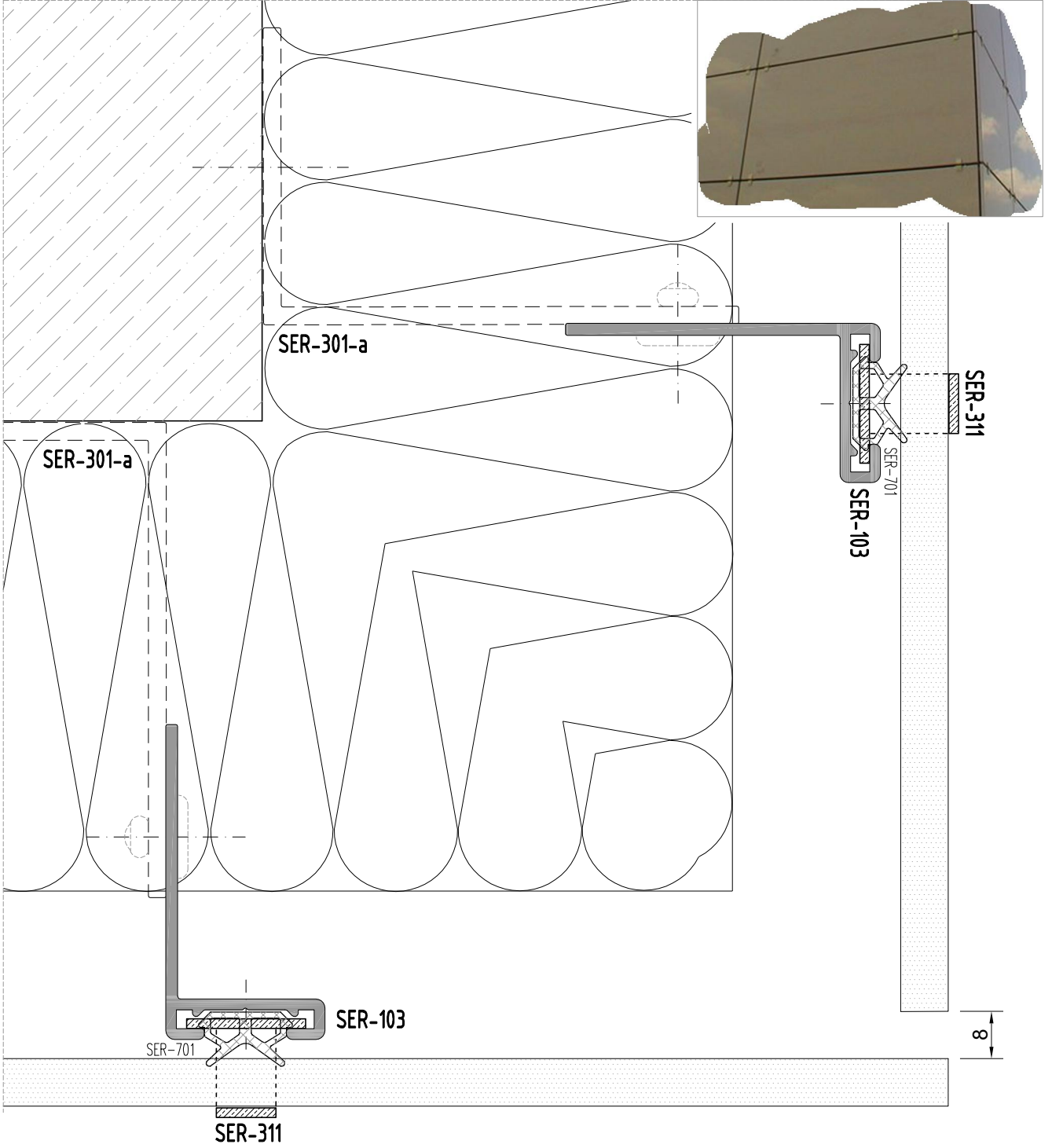


Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

PLAN DETAY
PLAN DETAIL

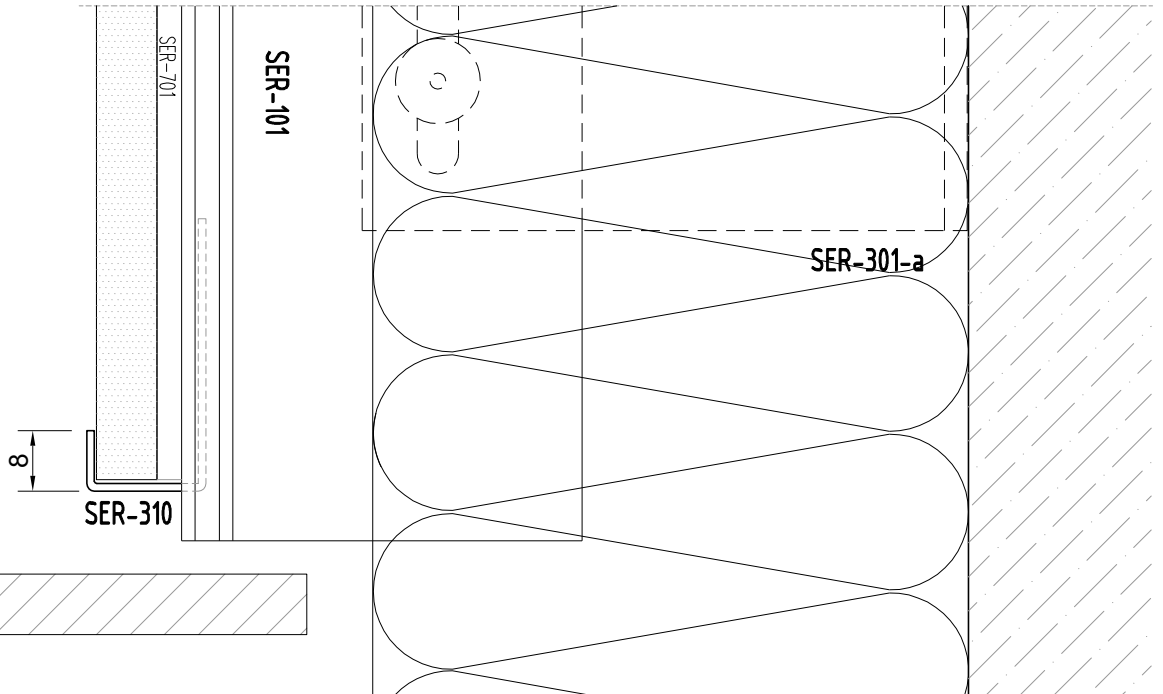
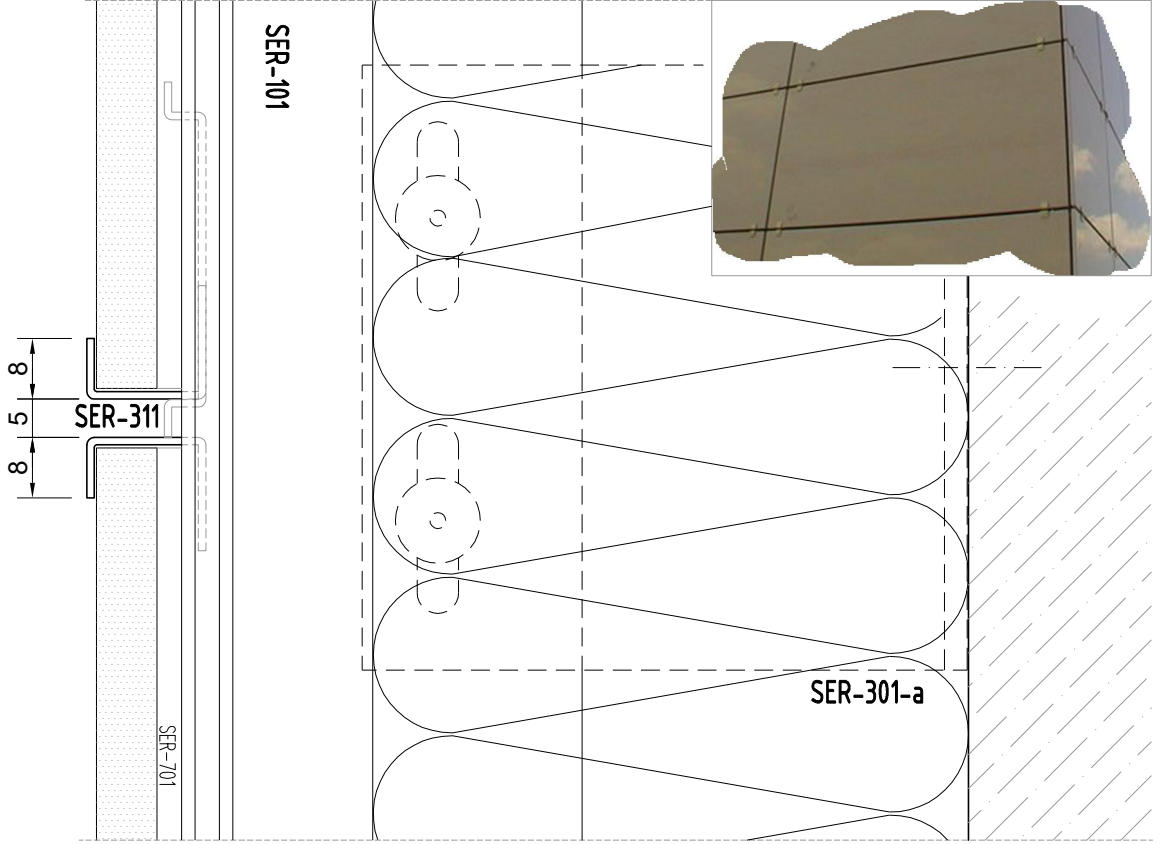


Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

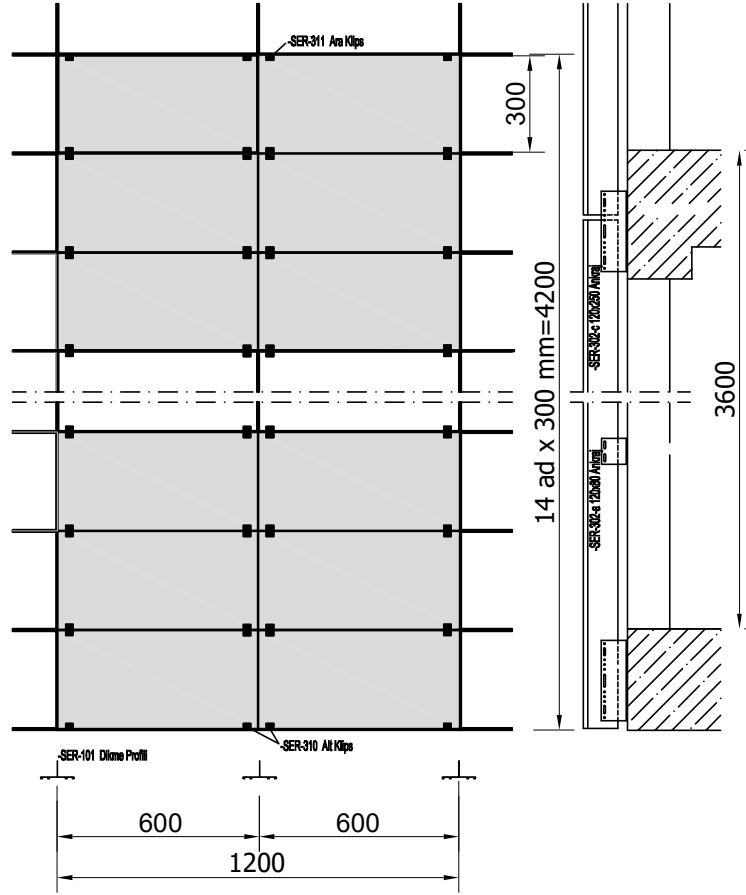
KESİT DETAY
SECTION DETAIL



ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

ANALİZ ÖRNEĞİ
-30 x 60 cm TAŞ İÇİN ANALİZ
5,05 m² için analiz değerleri alınmıştır.

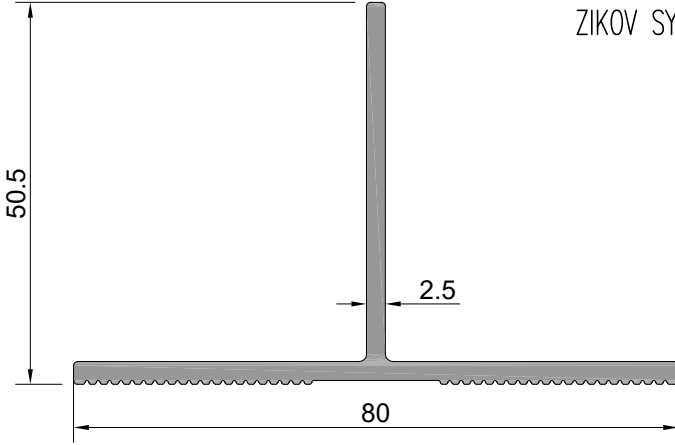


MALZEMENİN CİNSİ	BİRİM	MİKTAR	TOPLAM
-SER-101 Dikme Profili	0,933 kg/m	12,6 m ^(4,2x3)	11,76 kg
-SER-302-c 120x250 Ankraj	3 ad.	1 ad.	3 ad.
-SER-302-a 120x80 Ankraj	3 ad.	1 ad.	3 ad.
-SER-310 Alt Klips	4 ad.	1 ad.	4 ad.
-SER-311 Ara Klips	4 ad.	28 taş	112 ad-SER-310=104ad
-SER-312 8mm Fuga Elmanı	2 ad.	28 taş	56 ad.
-4,8x15 mm Geniş Kafa Pop Perçin (Ankrajlarda Kullanılır.)	SER-302-c 3x3:9ad. SER-302-a 3x1:3ad.	9+3	12 ad.
-4,0x10mm Alü. Pop Perçin	SER-310+SER312	4+56	60 ad.
-Çelik dübel (paslanmaz)	SER-302-c 3x3:9ad. SER-302-a 3x1:3ad.	9+3	12 ad.
-SER-701 EPDM Fitol (0.65gr)	12.6 m ^(4,6x3)	2 sıra	25.20 m

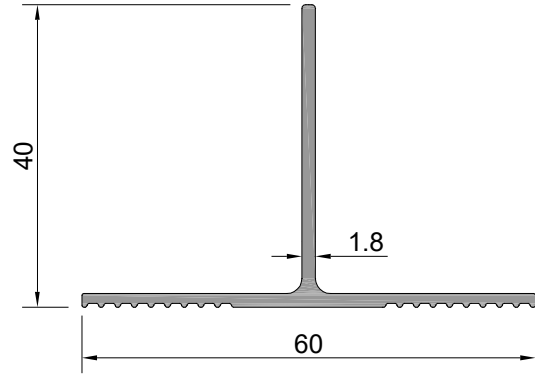
ALUTECH SER
CEPHE SİSTEMİ PROFİLLERİ
FACADE SYSTEM PROFILE

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

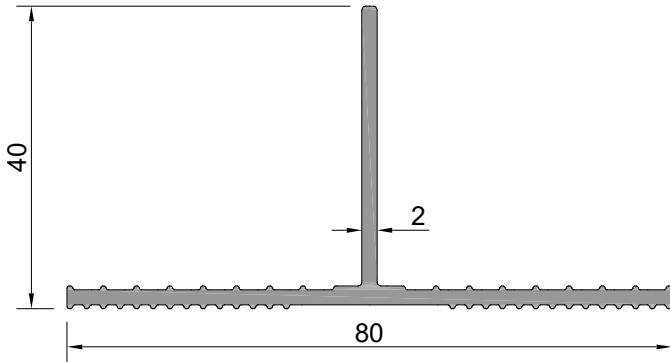
ZİKOV SİSTEM
ZIKOV SYSTEM



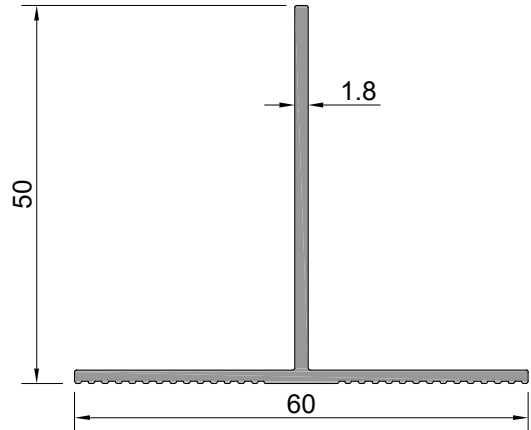
Profil No: **SER-110**
Ağırlık : 922 gr/m
lx : 7,12 cm⁴
ly : 12,10 cm⁴



Profil No: **SER-112**
Ağırlık : 447 gr/m
lx : 2,41 cm⁴
ly : 2,67 cm⁴



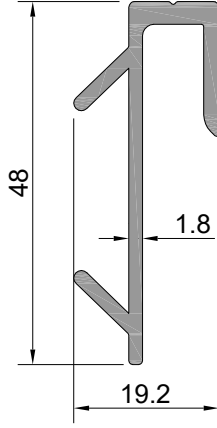
Profil No: **SER-111**
Ağırlık : 689 gr/m
lx : 2,94 cm⁴
ly : 9,64 cm⁴



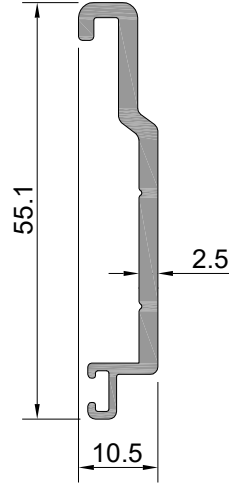
Profil No: **SER-114**
Ağırlık : 504 gr/m
lx : 4,57 cm⁴
ly : 2,96 cm⁴

ALUTECH SER
CEPHE SİSTEMİ PROFİLLERİ
FACADE SYSTEM PROFILE

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

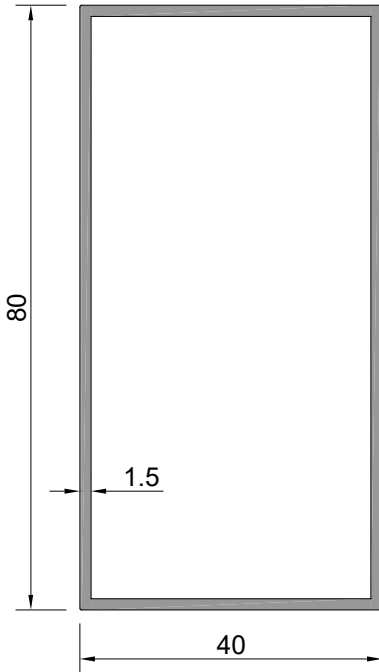


Profil No: SER-201
Ağırlık : 495 gr/m



Profil No: SER-202
Ağırlık : 432 gr/m

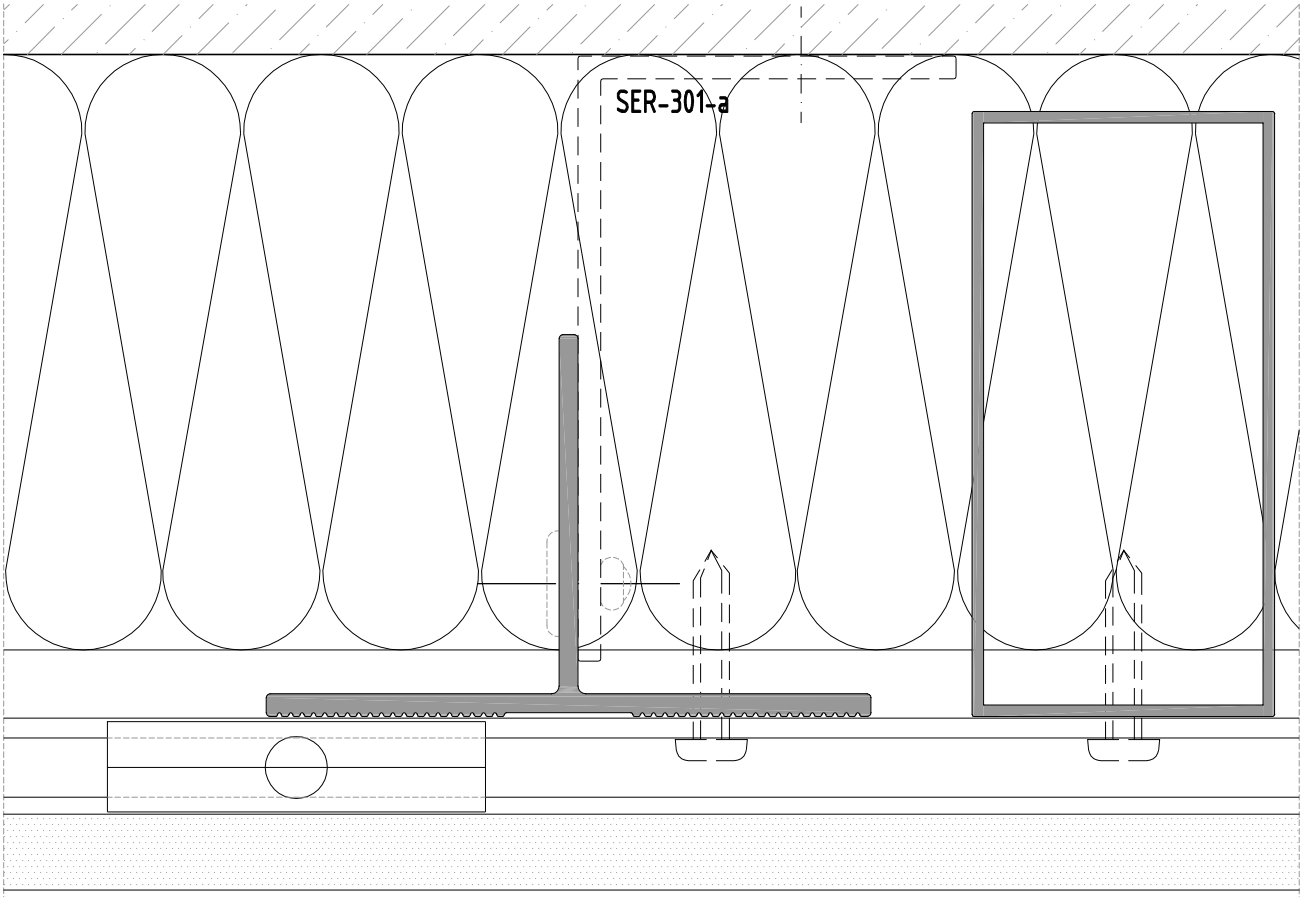
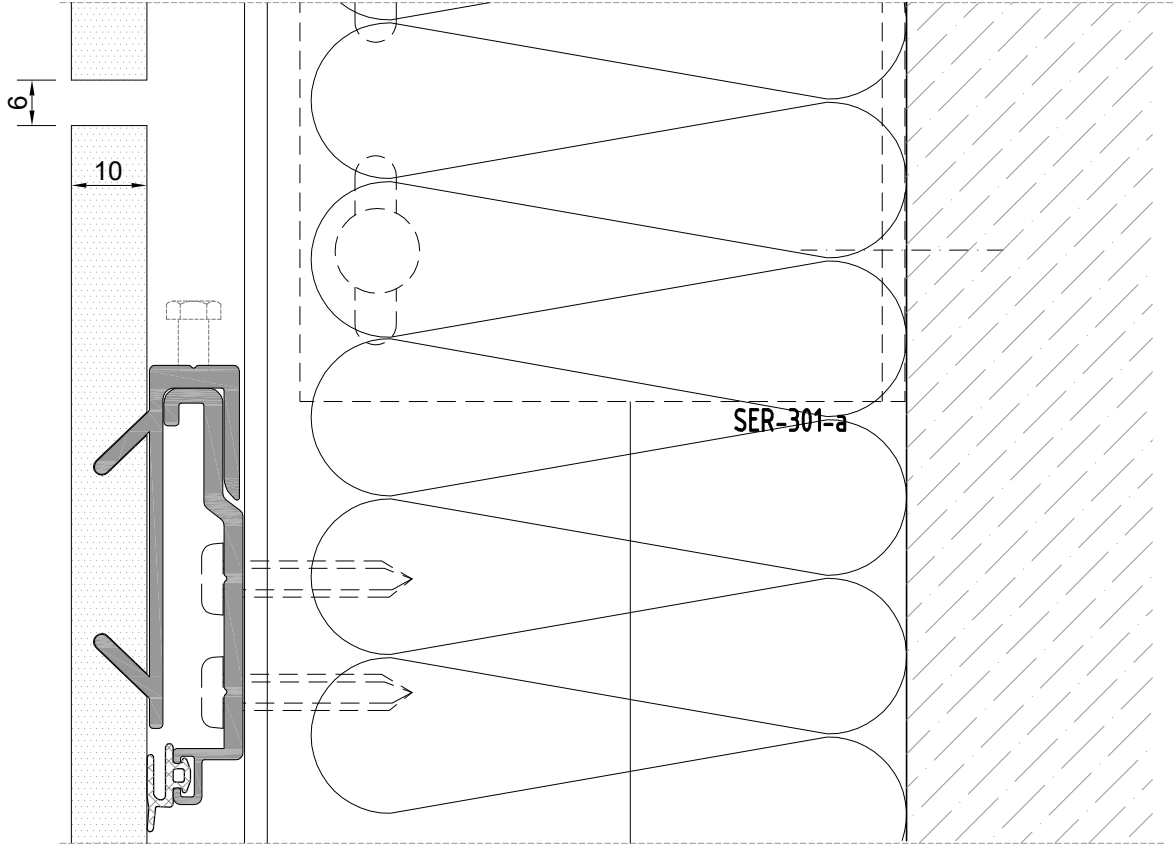
SER-201-a	50 mm	100 adet/pcs
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Profil No: SER-113
Ağırlık : 951 gr/m
Ix : 10,16 cm⁴
Iy : 29,89 cm⁴

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

PLAN VE KESİT DETAY
PLAN AND SECTION DETAIL



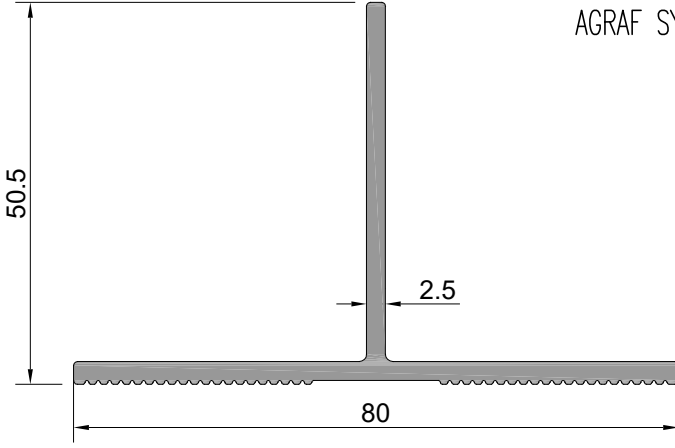
Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

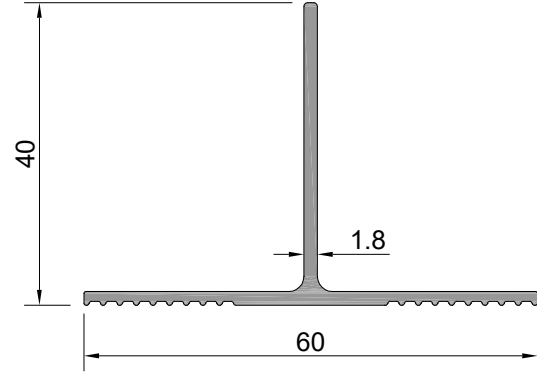
ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

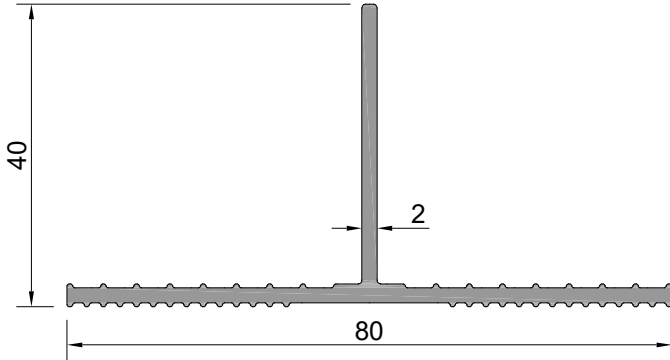
AGRAF SİSTEM
AGRAF SYSTEM



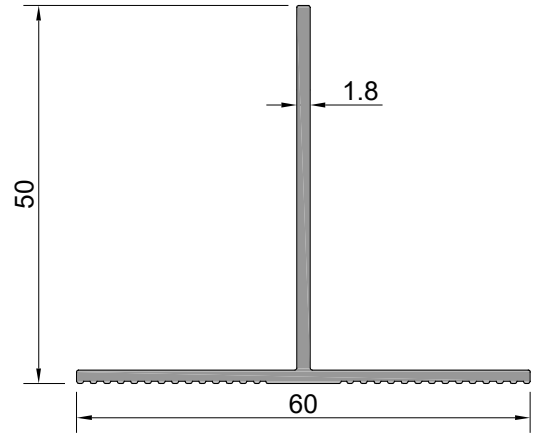
Profil No: SER-110
Ağırlık : 922 gr/m
Ix : 7,12 cm⁴
Iy : 12,10 cm⁴



Profil No: SER-112
Ağırlık : 447 gr/m
Ix : 2,41 cm⁴
Iy : 2,67 cm⁴



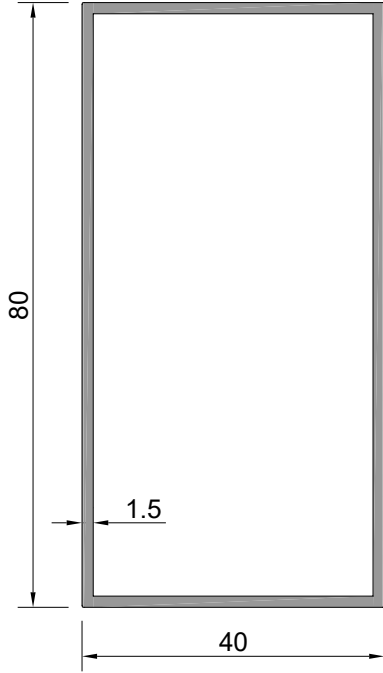
Profil No: SER-111
Ağırlık : 689 gr/m
Ix : 2,94 cm⁴
Iy : 9,64 cm⁴



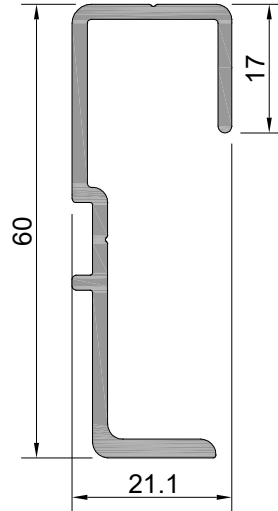
Profil No: SER-114
Ağırlık : 505 gr/m
Ix : 4,57 cm⁴
Iy : 2,96 cm⁴

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

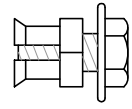


Profil No: SER-113
Ağırlık : 951 gr/m
lx : 10,16 cm⁴
ly : 29.89 cm⁴



Profil No: AG-201
Ağırlık : 615 gr/m

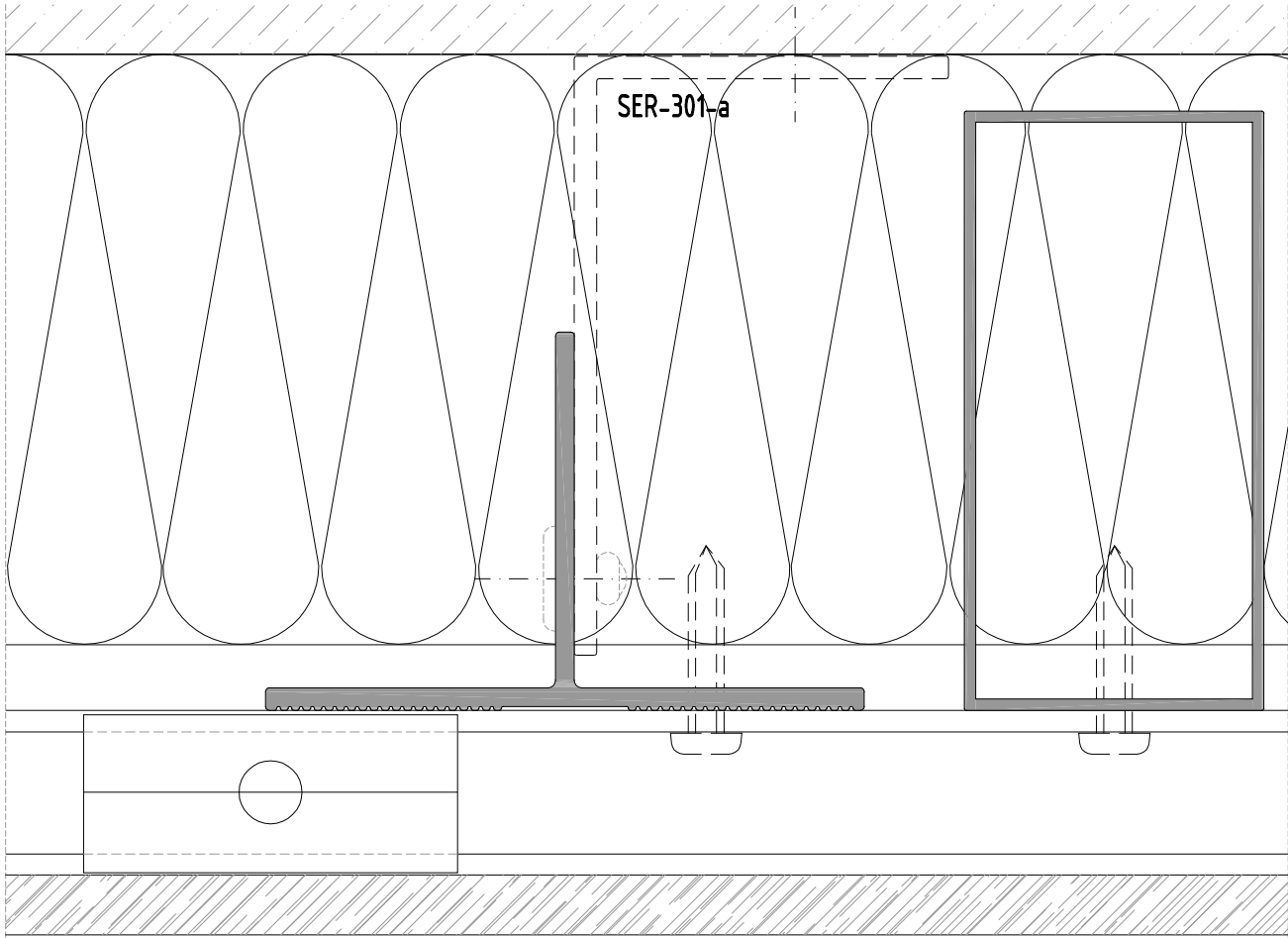
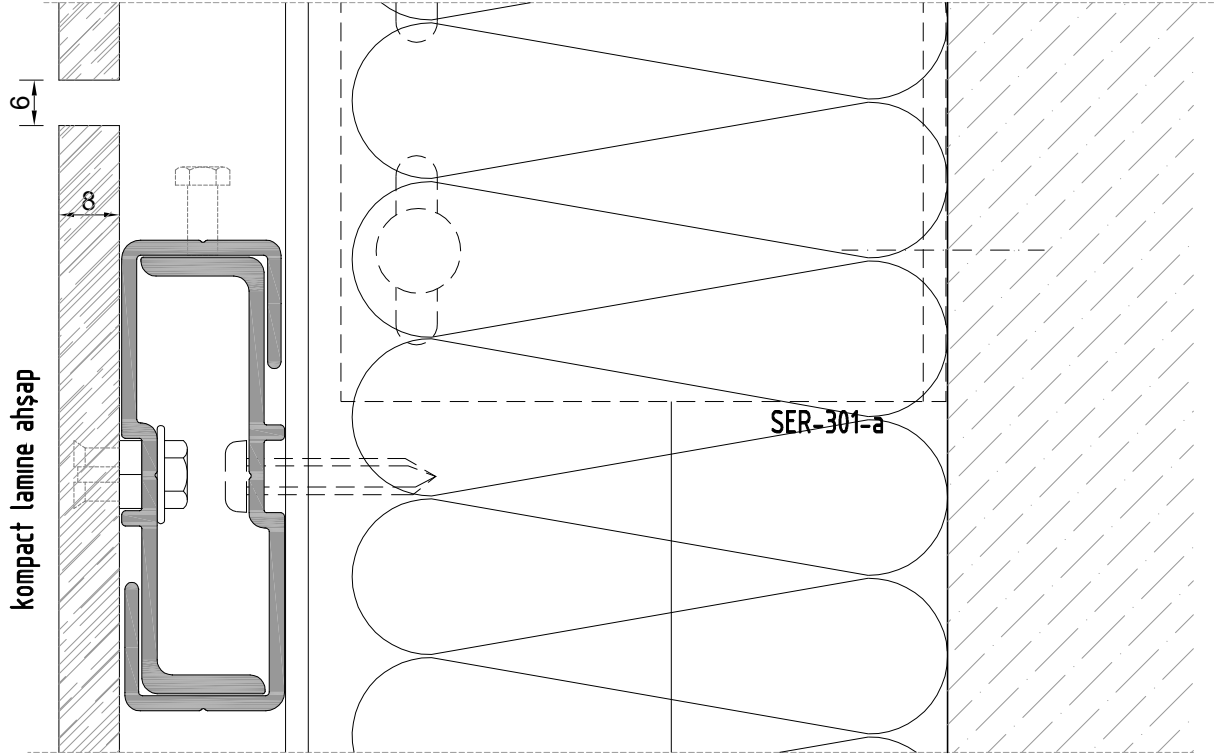
AG-201-a	50 mm	100 adet/pcs
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Profil No: AG-301
özel insert cıvata

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

PLAN VE KESİT DETAY
PLAN AND SECTION DETAIL



Profil değerleri teoriktir. Ağırlık olarak teslimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER

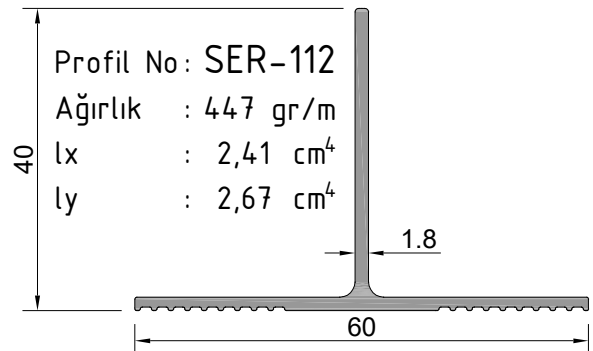
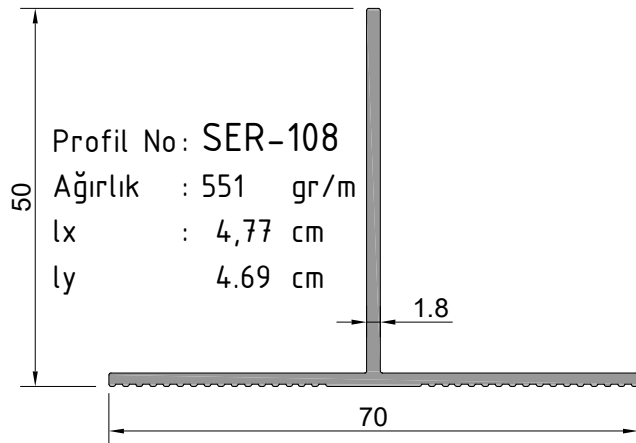
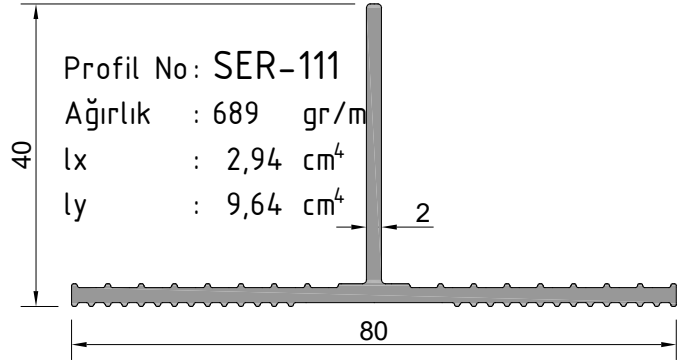
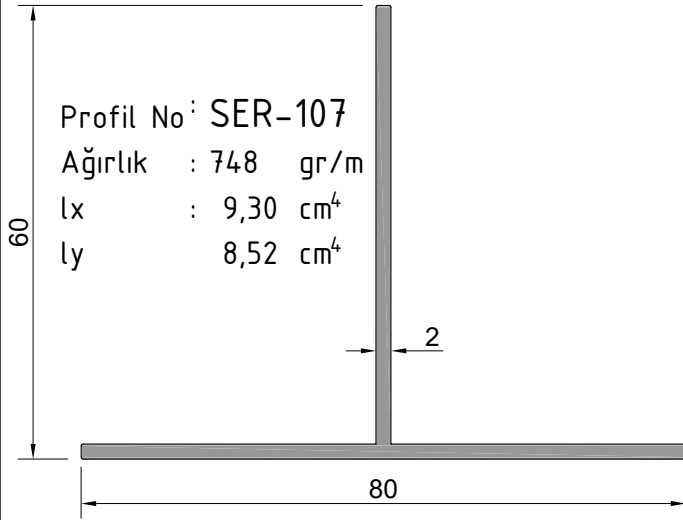
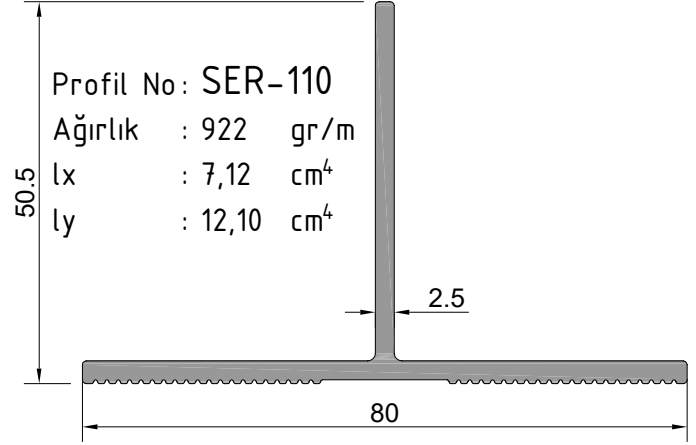
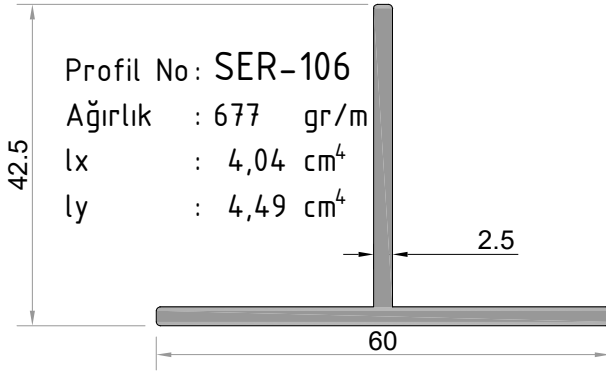
CEPHE SİSTEMİ

FACADE SYSTEM

ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES

YAPIŞTIRMA SİSTEM

BONDING SYSTEM

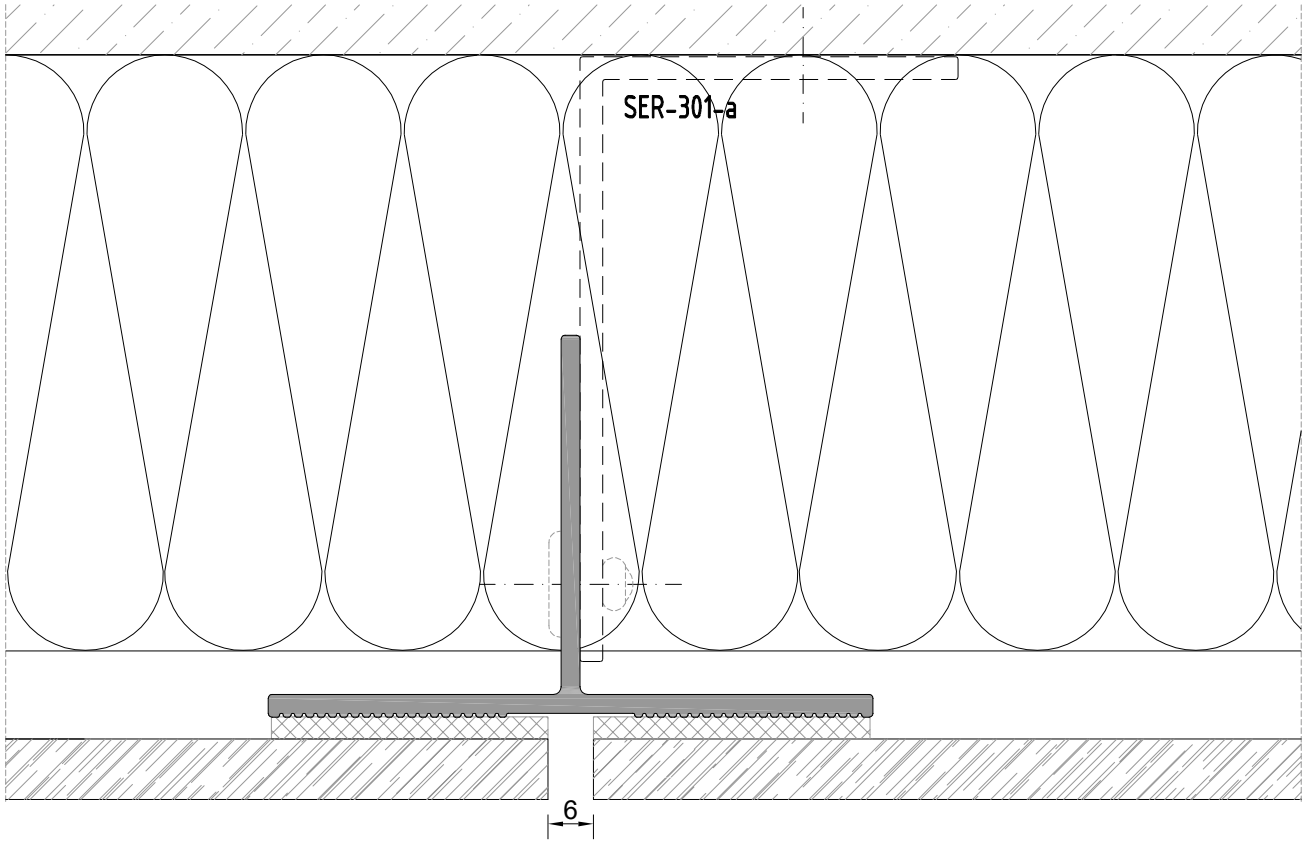
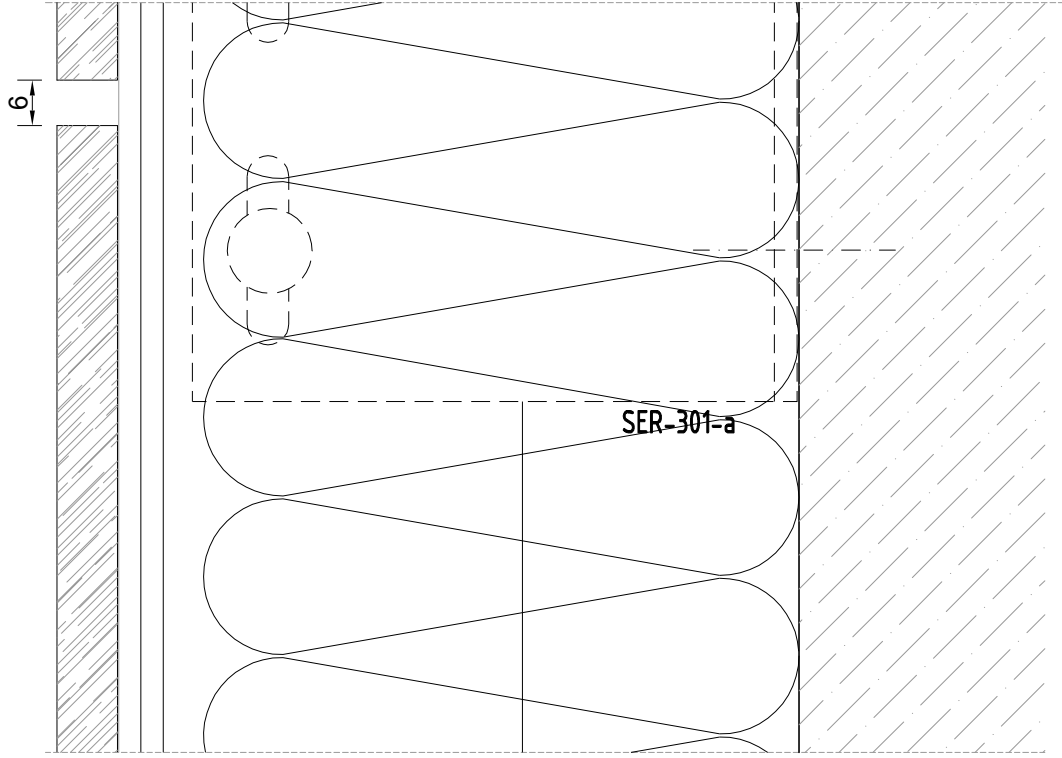


Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

PLAN VE KESİT DETAY
PLAN AND SECTION DETAIL

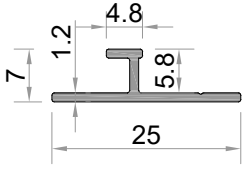


Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

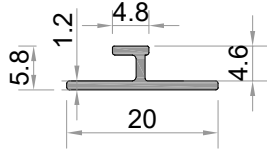
Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

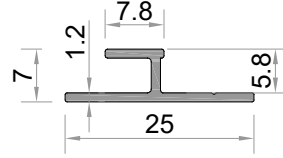
ÜRÜN TEKNİK ÖZELLİKLERİ
PRODUCT'S TECHNICAL FEATURES



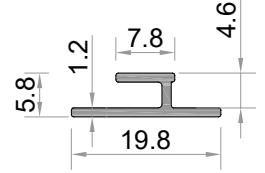
Profil No: SER-203
Ağırlık : 111 gr/m



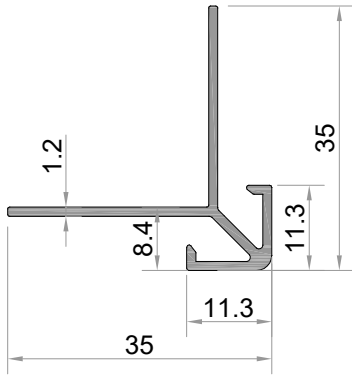
Profil No: SER-204
Ağırlık : 92 gr/m



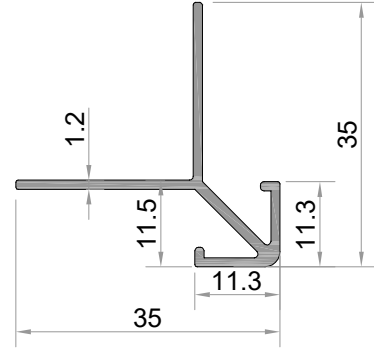
Profil No: SER-205
Ağırlık : 121 gr/m



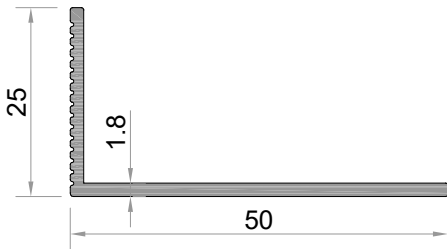
Profil No: SER-206
Ağırlık : 101 gr/m



Profil No: SER-207
Ağırlık : 287 gr/m



Profil No: SER-208
Ağırlık : 282 gr/m



Profil No: SER-209
Ağırlık : 347 gr/m

ALUTECH SER

CEPHE SİSTEMİ

FACADE SYSTEM

PLAN VE KESİT DETAY
PLAN AND SECTION DETAIL

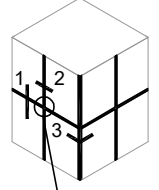
SER-204 (DÜŞEY DERZ PROFİLİ YATAY DERZ PROFİLİNDE KESİLECEK)

SER-203
(YATAY DERZ PROFİLİ BOY GİDECEK)

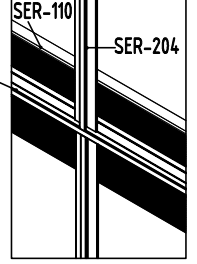
1a

SER-110

SER-301-a



SER-203



SER-204 (DÜŞEY DERZ PROFİLİ YATAY DERZ PROFİLİNDE KESİLECEK)

SER-301-a

SER-110

2a

SER-203

SER-204

Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER

CEPHE SİSTEMİ

FACADE SYSTEM

PLAN VE KESİT DETAY
PLAN AND SECTION DETAIL

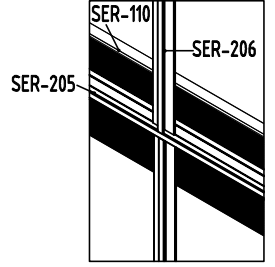
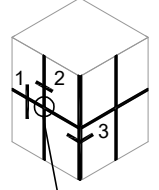
SER-206 (DÜŞEY DERZ PROFİLİ YATAY DERZ PROFİLİNDE KESİLECEK)

SER-205
(YATAY DERZ PROFİLİ BOY GİDECEK)

1b

SER-110

SER-301-a



SER-206 (DÜŞEY DERZ PROFİLİ YATAY DERZ PROFİLİNDE KESİLECEK)

SER-301-a

SER-110

2b

SER-205

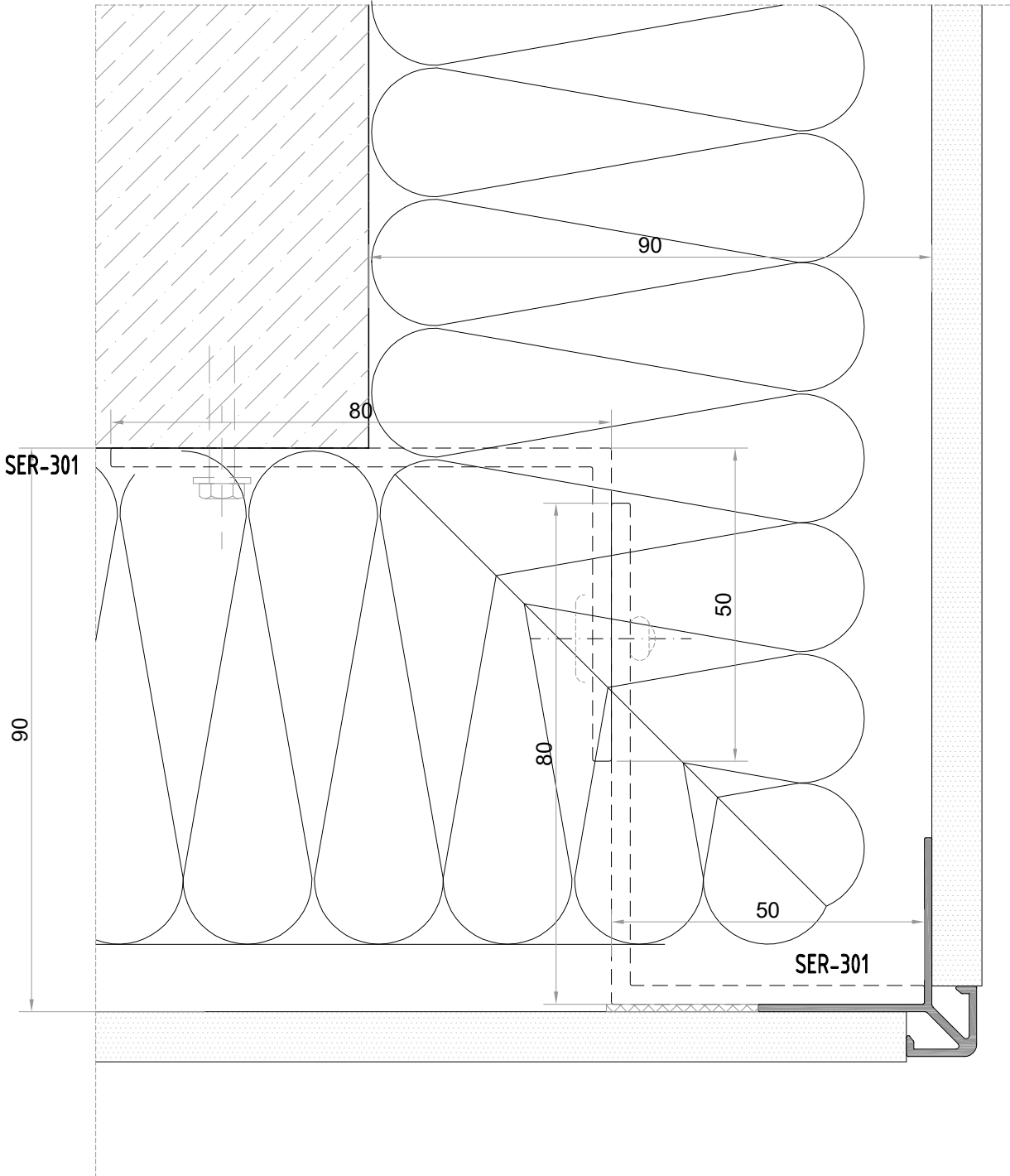
8
SER-206

Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

ALUTECH SER
CEPHE SİSTEMİ
FACADE SYSTEM

PLAN VE KESİT DETAY
PLAN AND SECTION DETAIL

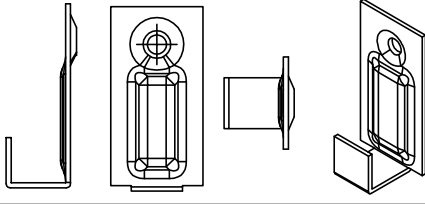


Profil değerleri teoriktir. Ağırlık olarak testimde yapılan tartım geçerlidir.
Profil imalatları TS EN 12020-2 ve TS EN 755-9 toleransı,
Moment değerleri EN 14024'e göre hesaplanmıştır.

Profile values are theoretical pre-shipment weight will be valid.
The tolerances of Profile manufacturing are calculated according to EN 12020-2
and TS EN 755-9; moment values are calculated according to EN 14024.

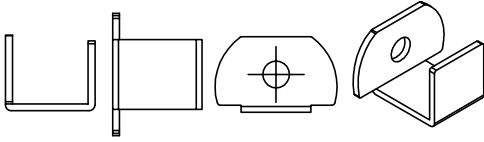
ALUTECH SER
CEPHE SİSTEMİ PROFİLLERİ
FACADE SYSTEM PROFILE

KLİPSLİ SİSTEM ÜRÜN TEKNİK ÖZELLİKLERİ
CLIP SYSTEM PRODUCT'S TECHNICAL FEATURES



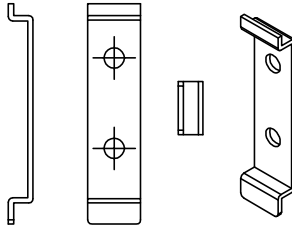
SER-310

ALT KLİPS (Tash tutturma (alt baslangic) tırnağı)
304 Kalite Paslanmaz Çelik 1.2 mm, talepedilen RAL kodunda boyanır.



SER-311

ARA KLİPS (Tash tutturma ara tırnak)
304 Kalite Paslanmaz Çelik 1.2 mm, talepedilen RAL kodunda boyanır.
8-9-10-11 mm Tashlar için



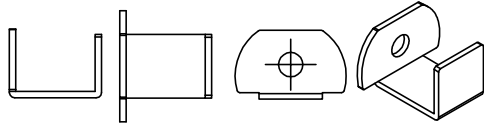
SER-312

FUGA ELAMANI (Derz ayar parçasi)
304 Kalite Paslanmaz Çelik 1.2 mm, Siyah boyalı
6-8 mm Derz için



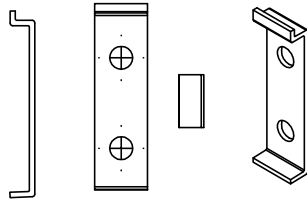
SER-313

45° DERZ AYAR PARÇASI
304 Kalite Paslanmaz Çelik 1.2 mm, Siyah boyalı
8 mm derz için



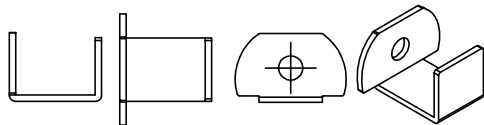
SER-314

ARA KLİPS (Tash tutturma ara tırnak)
304 Kalite Paslanmaz Çelik 1.2 mm, talepedilen RAL kodunda boyanır.
11-12 mm Tashlar için



SER-315

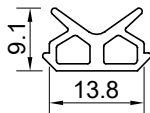
FUGA ELAMANI (Derz ayar parçasi)
304 Kalite Paslanmaz Çelik 1.2 mm, Siyah boyalı
4-6 mm Derz için



SER-316

ARA KLİPS (Tash tutturma ara tırnak)
304 Kalite Paslanmaz Çelik 1.2 mm, talepedilen RAL kodunda boyanır.
15-16 mm Tashlar için

SER-701



taşıyıcı çarpma fitil
mullion acoustical (epdm)

70 gr/m

15 kg
(kutda)

214 m
(kutda)