



piazza®

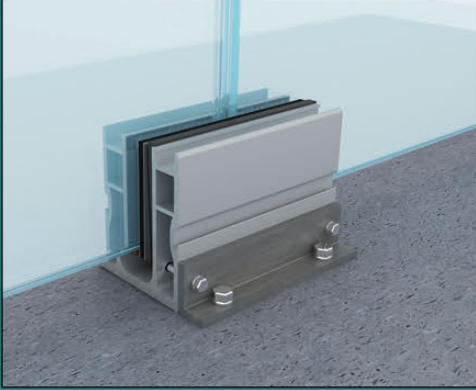
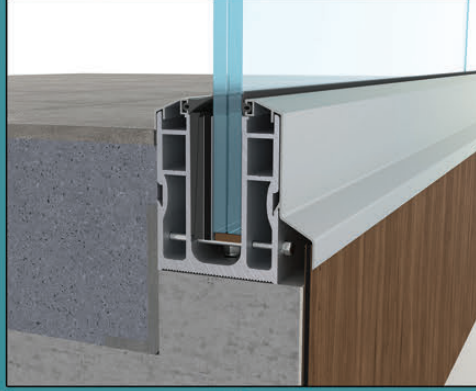
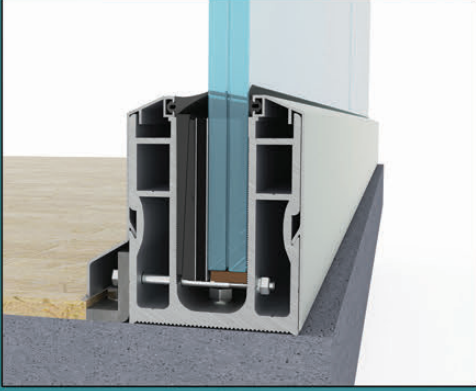
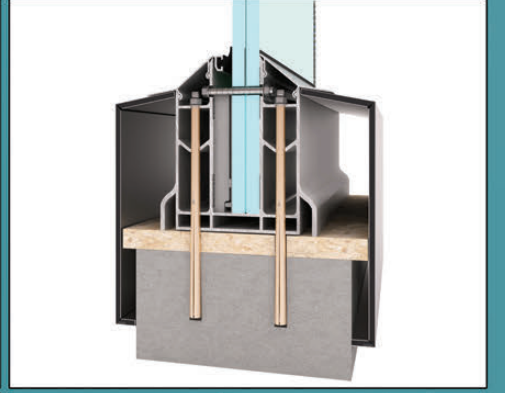
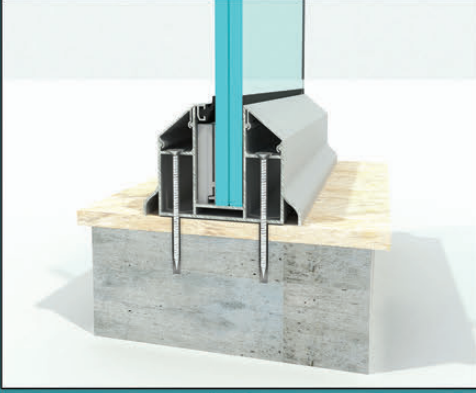
Alüminyum Sistemleri

Alüminyumun hayatımızla birleştiği nokta...

ZEMİNDEN TAŞIYICILI CAM BAZA DETAYLARI

DİKEY PROFİL TAŞIYICILI
CAM VE DİKEY BARIYERLİ
CAM KORKULUKLAR

ZEMİN ÜZERİ,
ZEMİN İÇİ ve
DÖŞEME ÖNÜ
CAM KORKULUKLAR



2013

2014

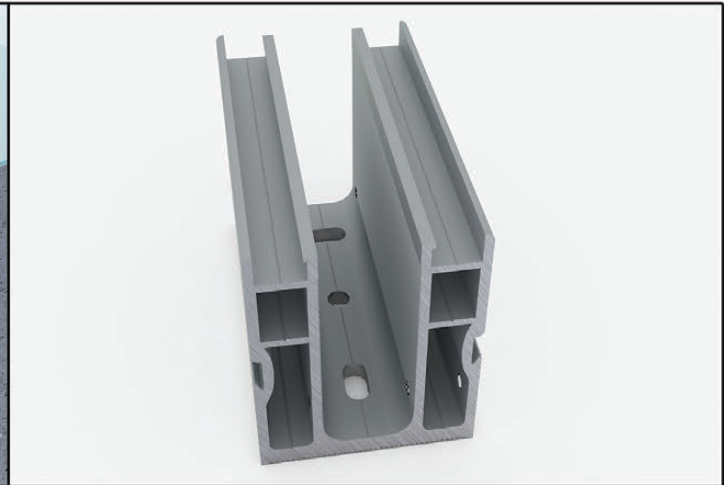
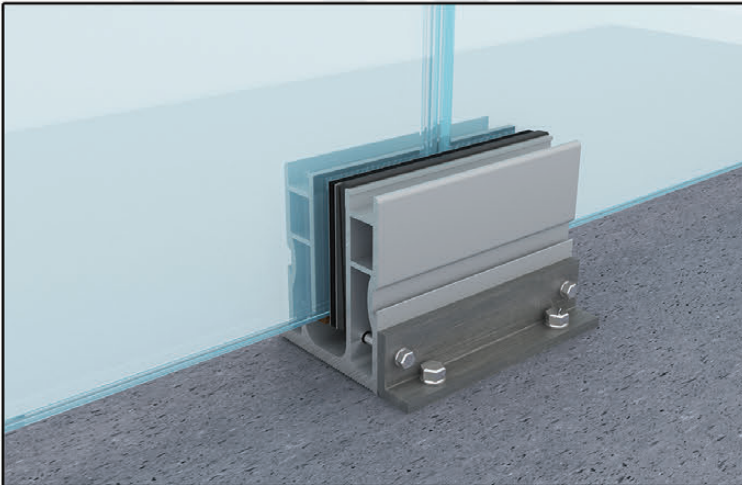
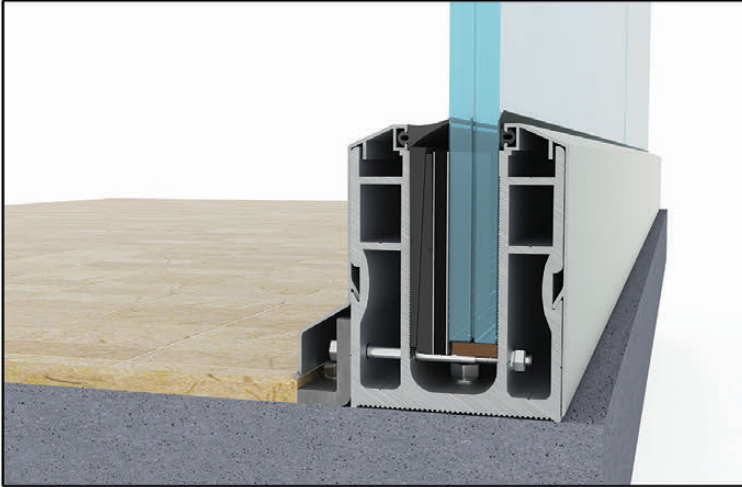
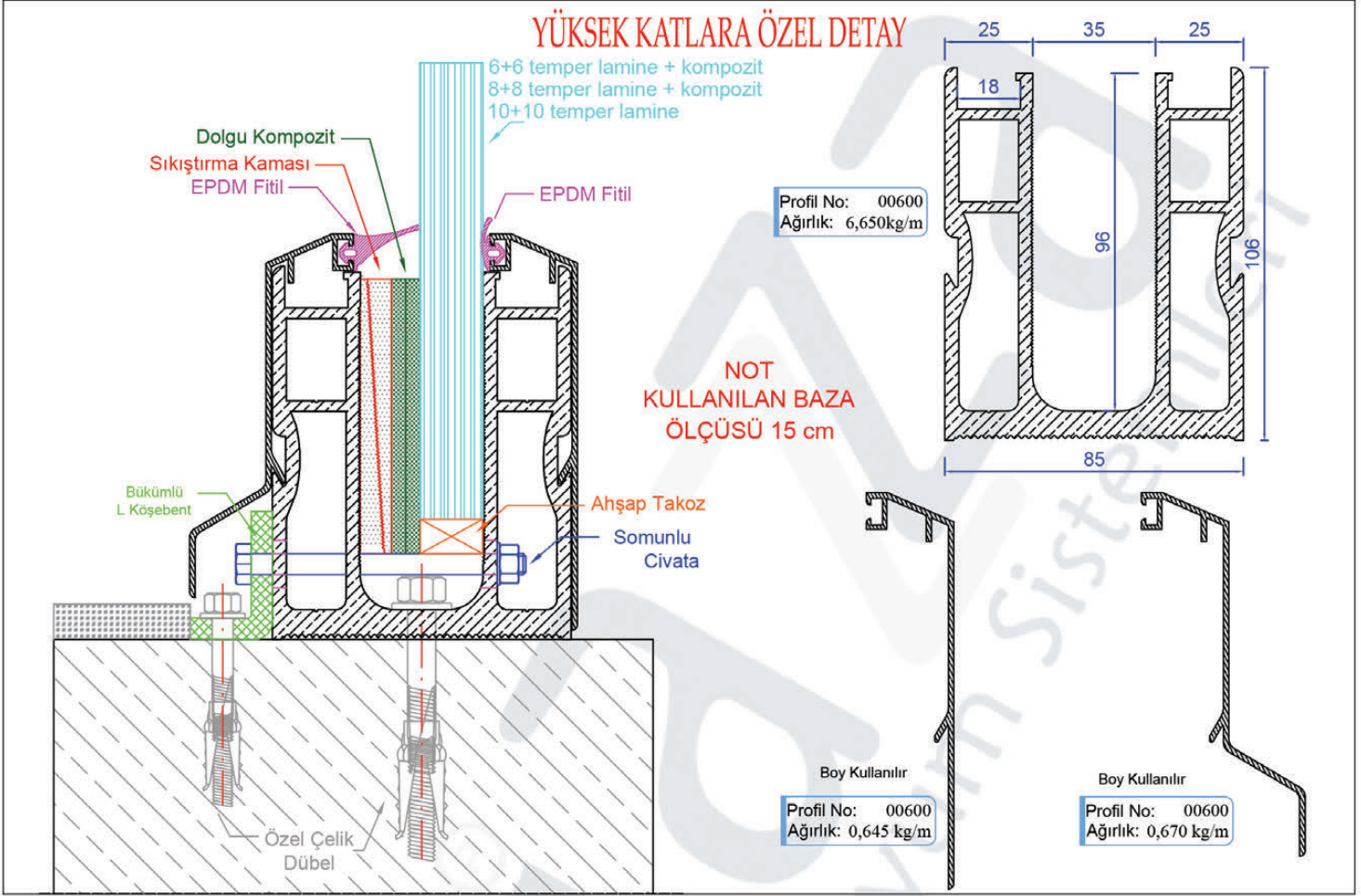
2015

2016

2017

2018

2019

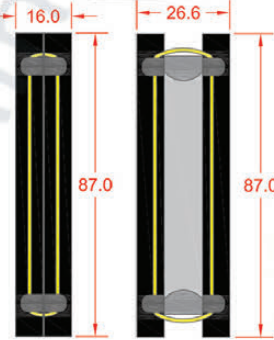




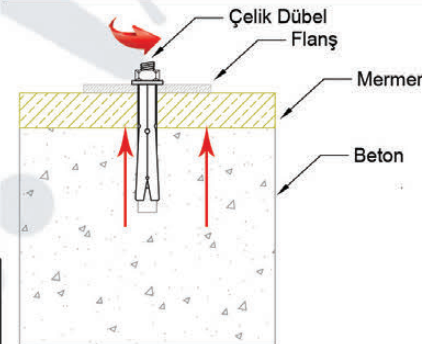
ÖZEL ÇELİK DÜBEL



SIKIŞTIRMA APARATI

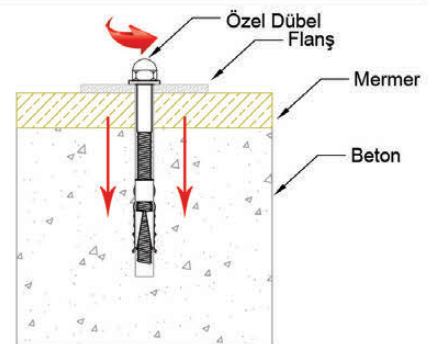


Adet / TL



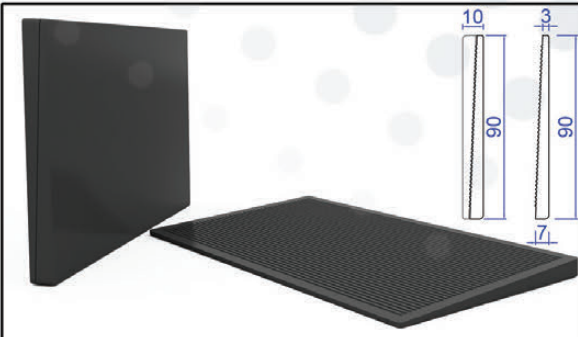
**ÇEKME ÇELİK DÜBEL
KULLANIM ŞEKLİ**

Mevcutta kullanılan çelik dübel sabitleme işlemi cıvata soldan sağa çevrilerek yapılır, dübel kovani genişleyerek kendini yukarı (ok yönünde) çeker ve döşemeyi zayıflatıp sisteme zarar verir.

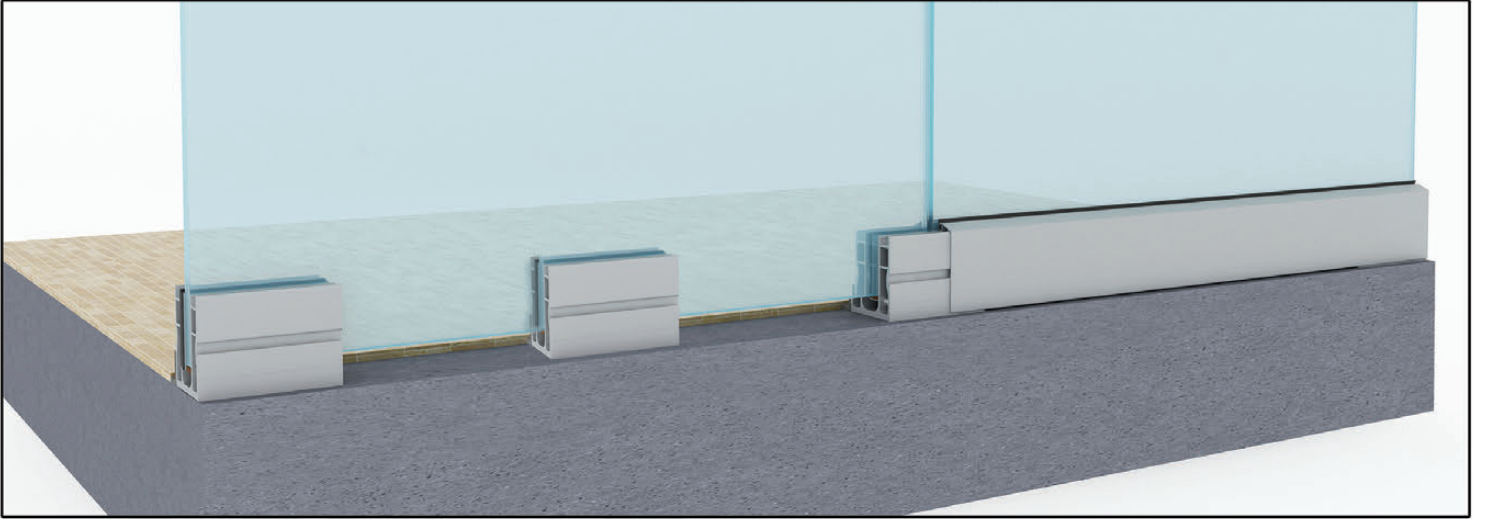


**ÖZEL ÇELİK DÜBEL
KULLANIM ŞEKLİ**

Özel çelik dübel sabitleme işlemi cıvata soldan sağa çevrilerek yapılır, cıvatanın çevrilmesiyle dübel kovani açılarak beton içinde genişleyerek sistemi aşağı (ok yönünde) çeker. Böylece döşemeye zarar vermez.

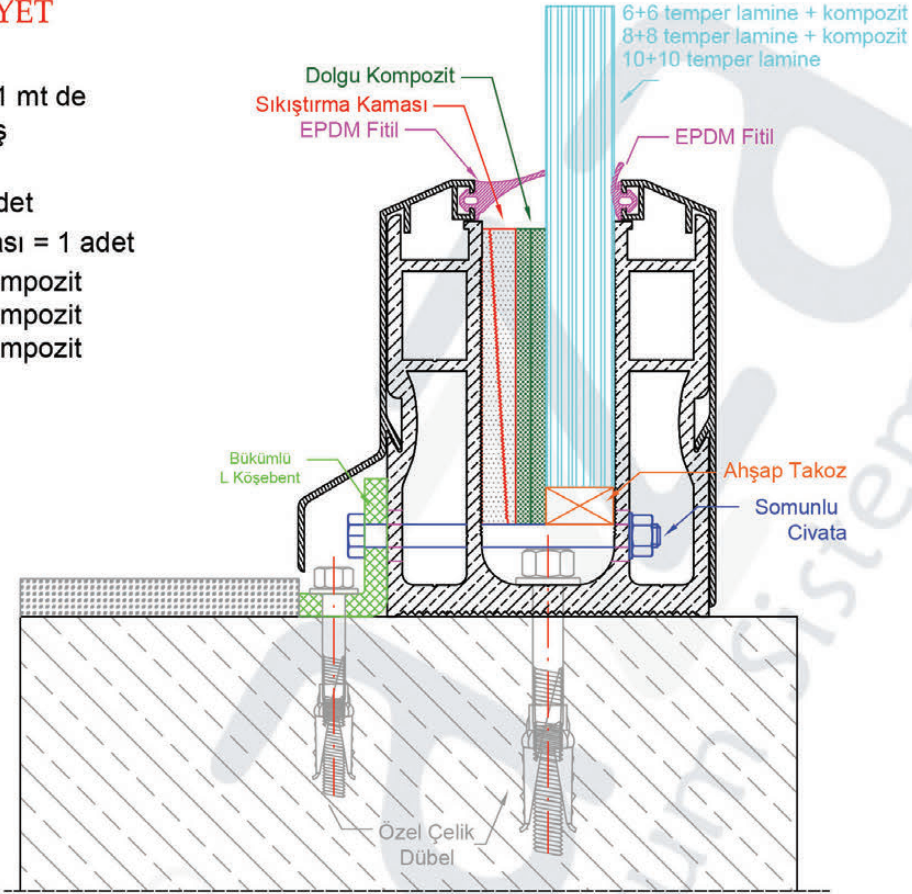


SIKIŞTIRMA KAMASI



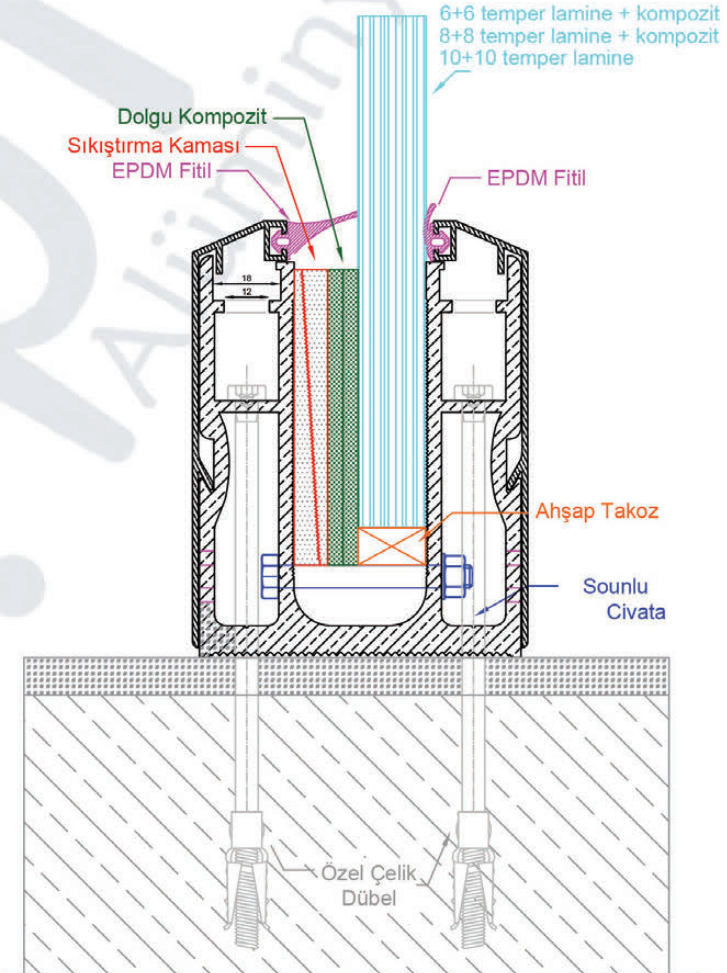
TAKRİBİ MALİYET ANALİZİ

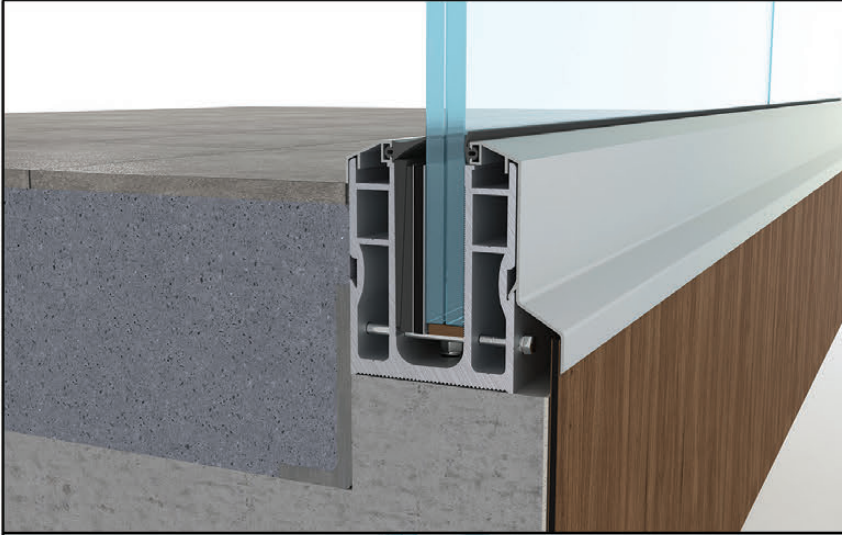
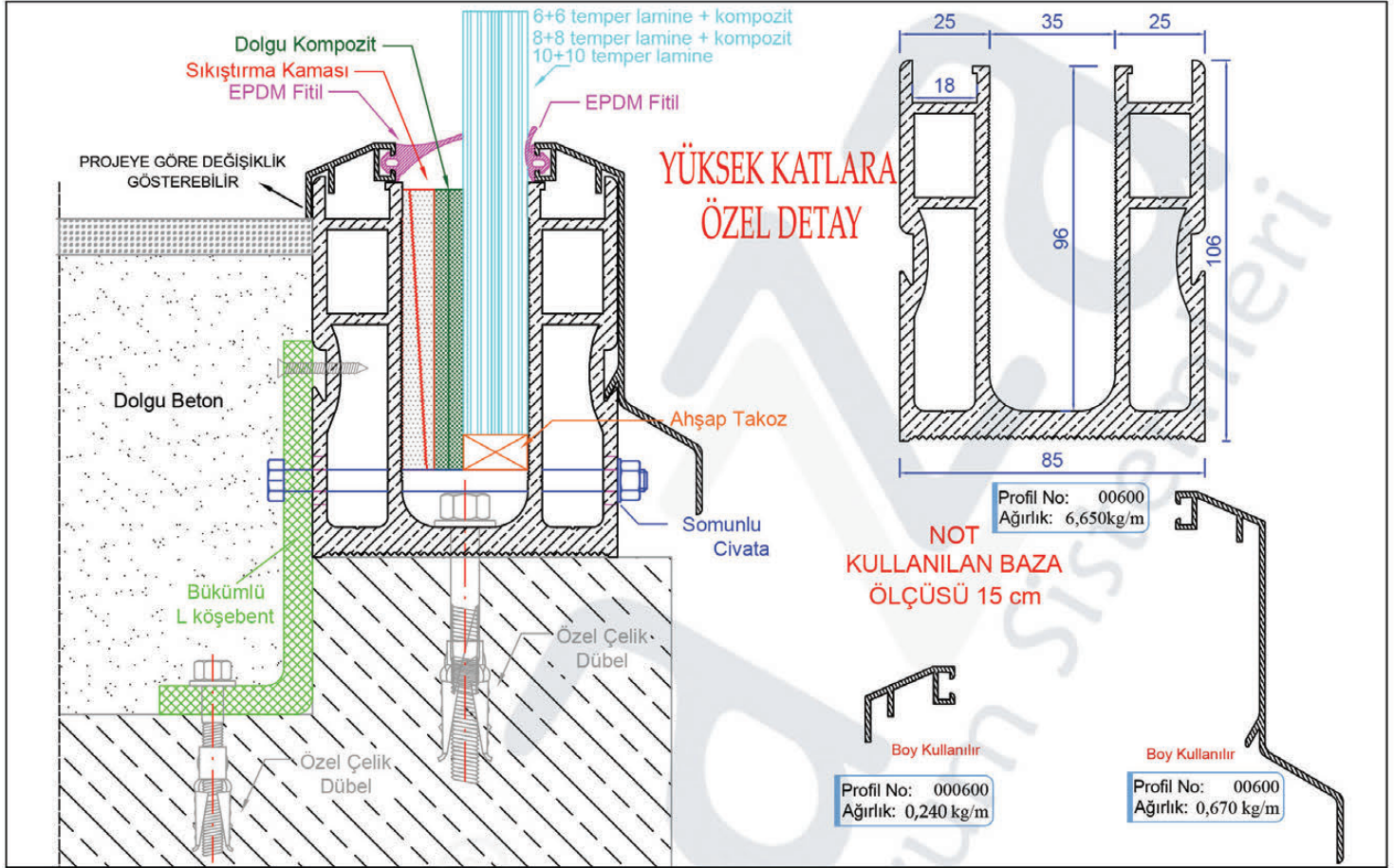
- 1 mt toplam ağırlık = (1 mt de taşıyıcı profil + iç ve dış kapak) **3,540 kg/mt**
- Özel Çelik Dübel = 5 adet
- Plastik Sıkıştırma Kaması = 1 adet
- 12 mm cam = 4 adet kompozit
16 mm cam = 3 adet kompozit
18 mm cam = 2 adet kompozit

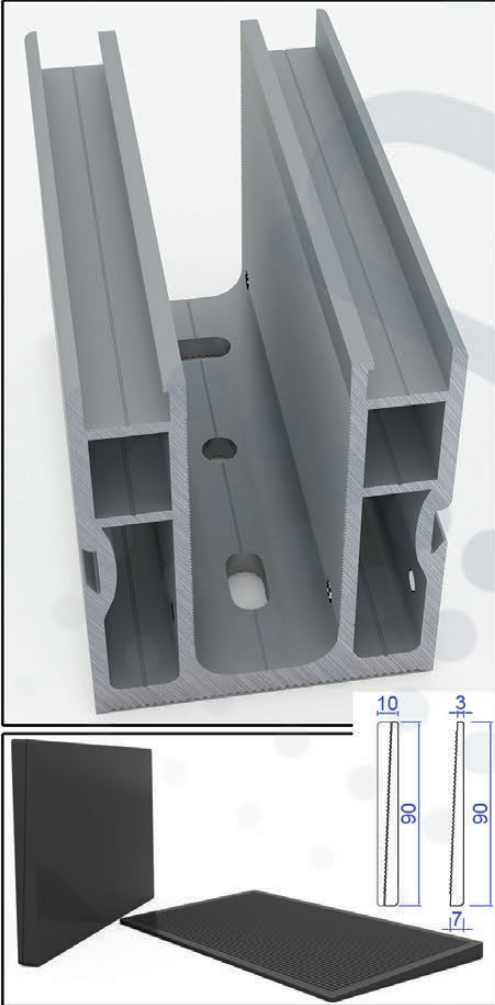
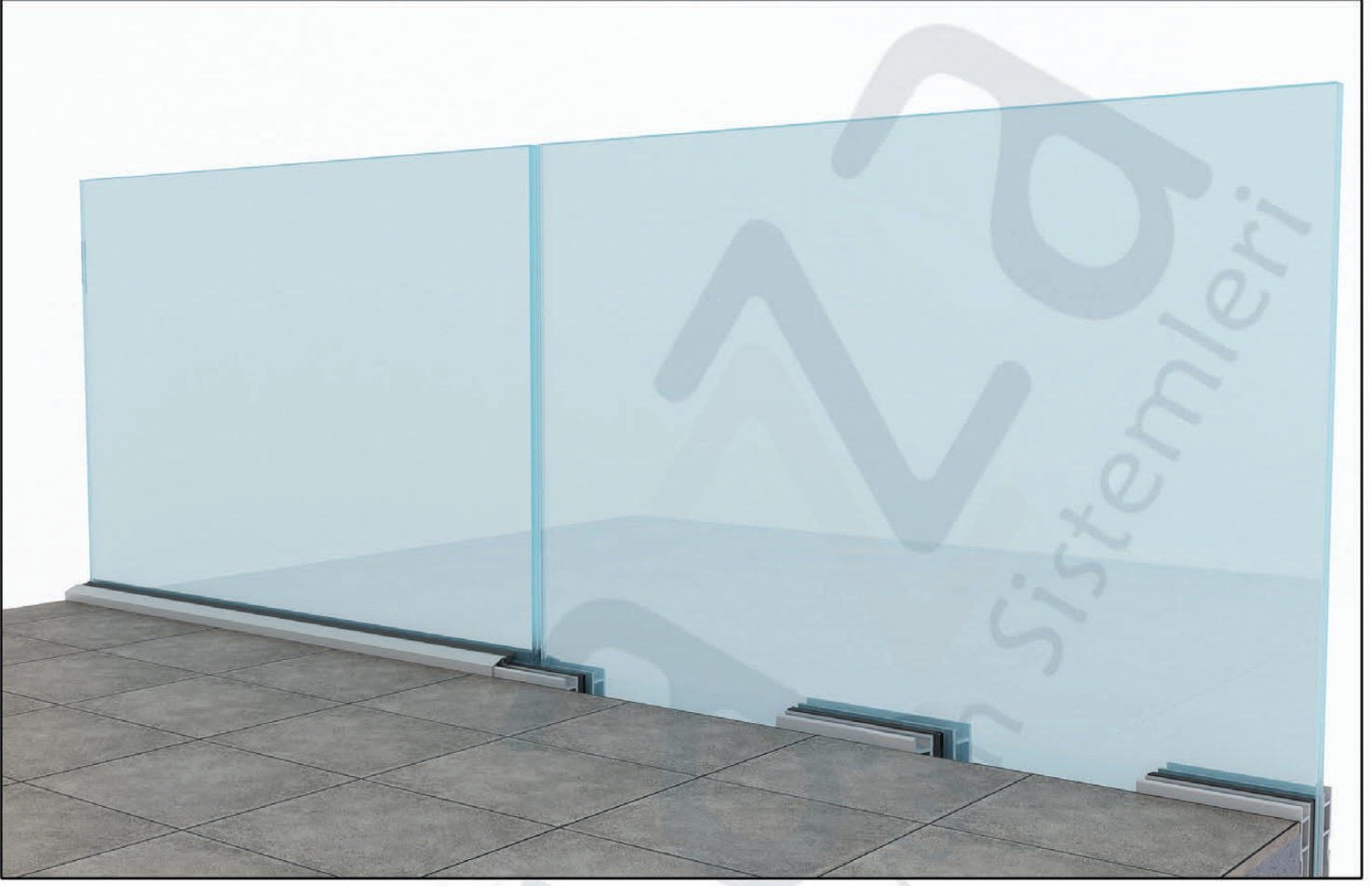


TAKRİBİ MALİYET ANALİZİ

- 1 mt toplam ağırlık = (1 mt de taşıyıcı profil + iç ve dış kapak) **3,510 kg/mt**
- Özel Çelik Dübel = 4 adet
- Plastik Sıkıştırma Kaması = 1 adet
- 12 mm cam = 4 adet kompozit
16 mm cam = 3 adet kompozit
18 mm cam = 2 adet kompozit





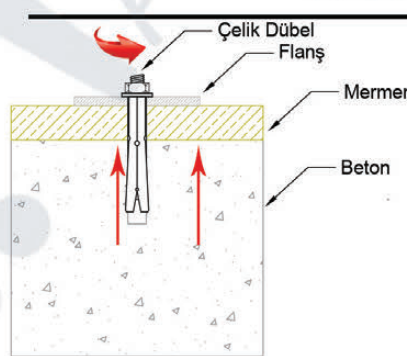
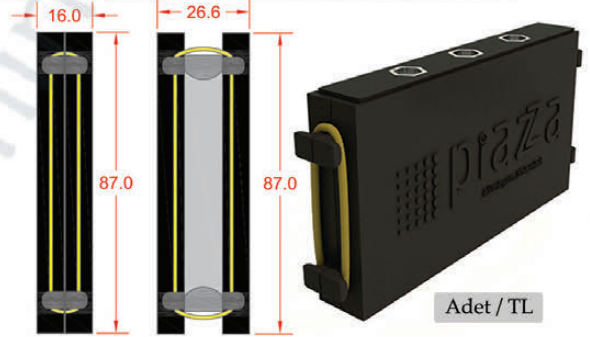


SIKIŞTIRMA KAMASI

ÖZEL ÇELİK DÜBEL

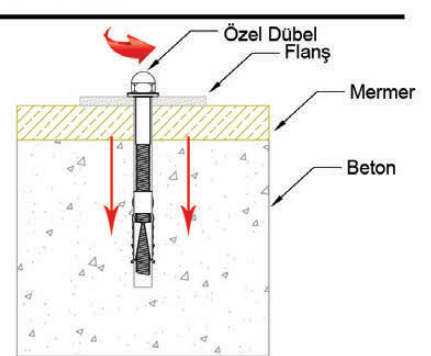


SIKIŞTIRMA APARATI



**ÇEKME ÇELİK DÜBEL
KULLANIM ŞEKLİ**

Mevcutta kullanılan çelik dübel sabitleme işlemi cıvata soldan sağa çevrilerek yapılır, dübel kovani genişleyerek kendini yukarı (ok yönünde) çeker ve döşemeyi zayıflatıp sisteme zarar verir.

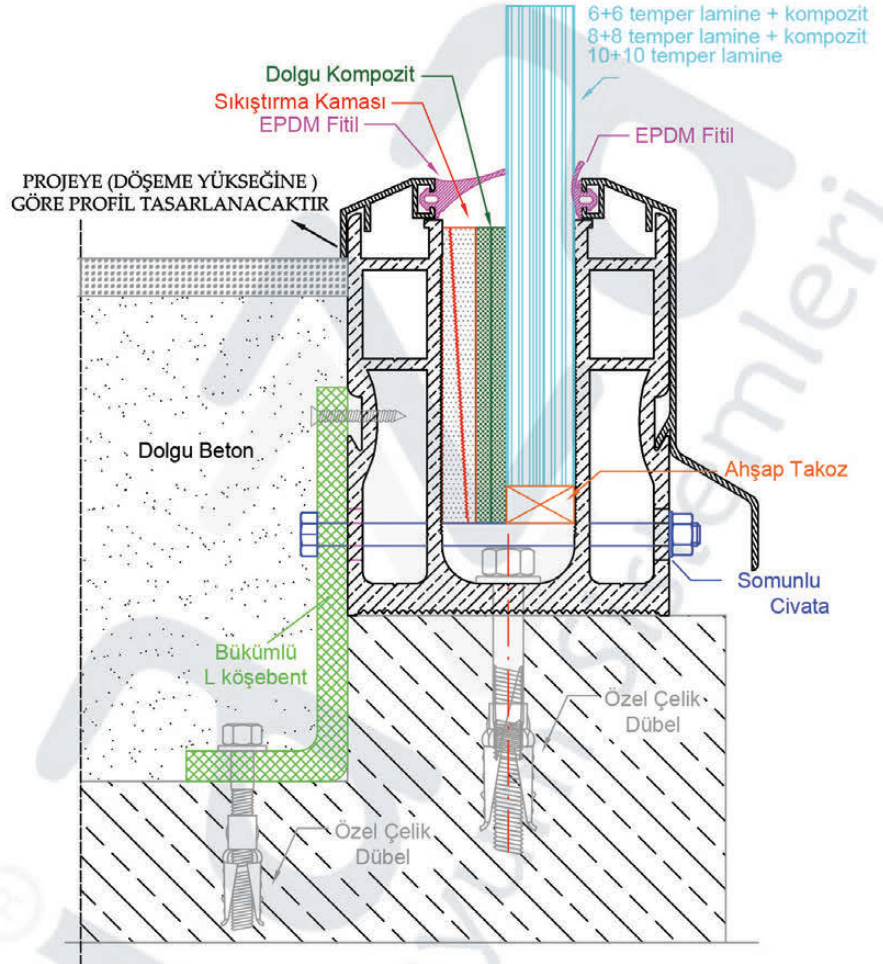


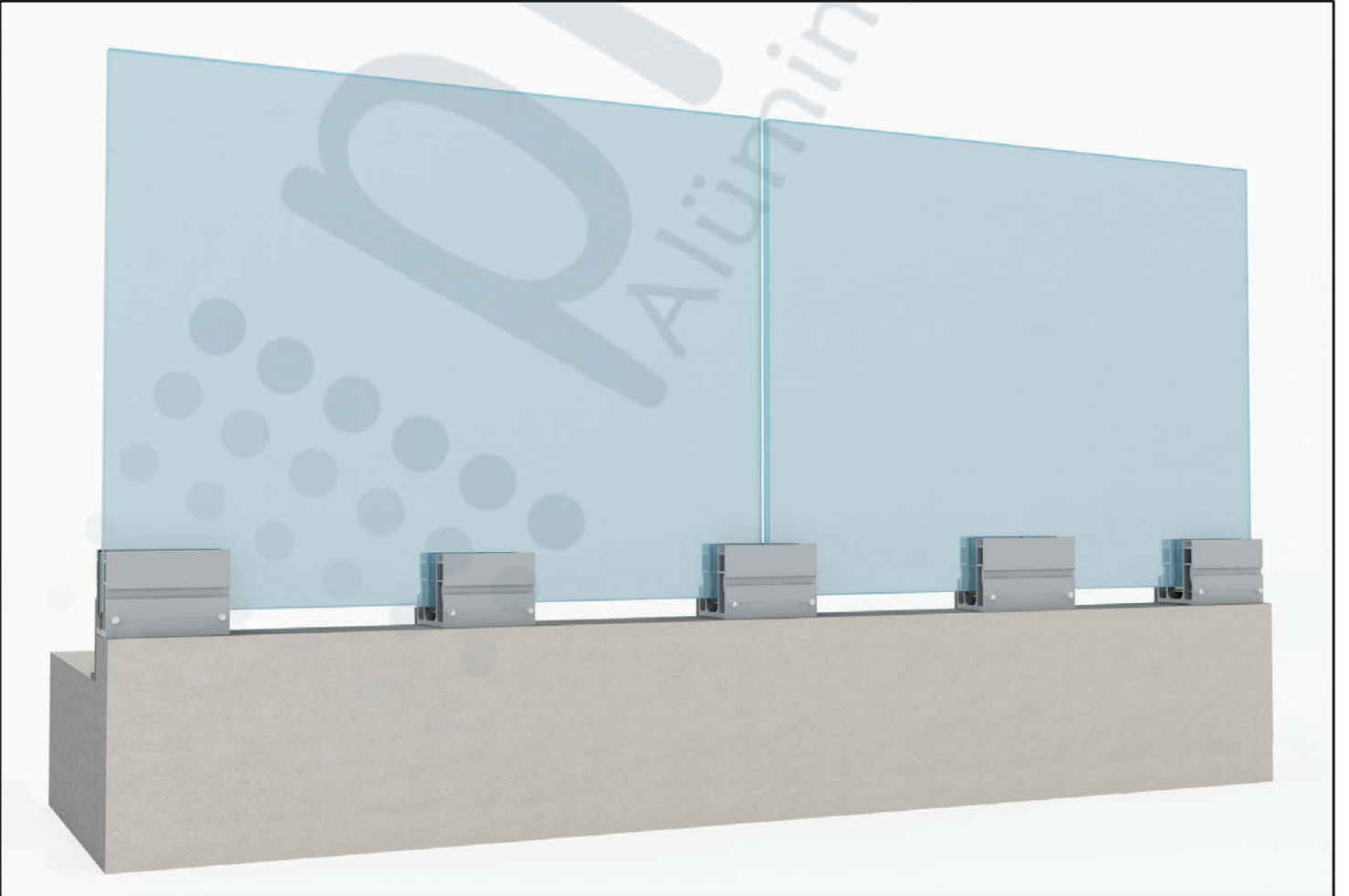
**ÖZEL ÇELİK DÜBEL
KULLANIM ŞEKLİ**

Özel çelik dübel sabitleme işlemi cıvata soldan sağa çevrilerek yapılır, cıvatanın çevrilmesiyle dübel kovani açılarak beton içinde genişleyerek sistemi aşağı (ok yönünde) çeker. Böylece döşemeye zarar vermez.

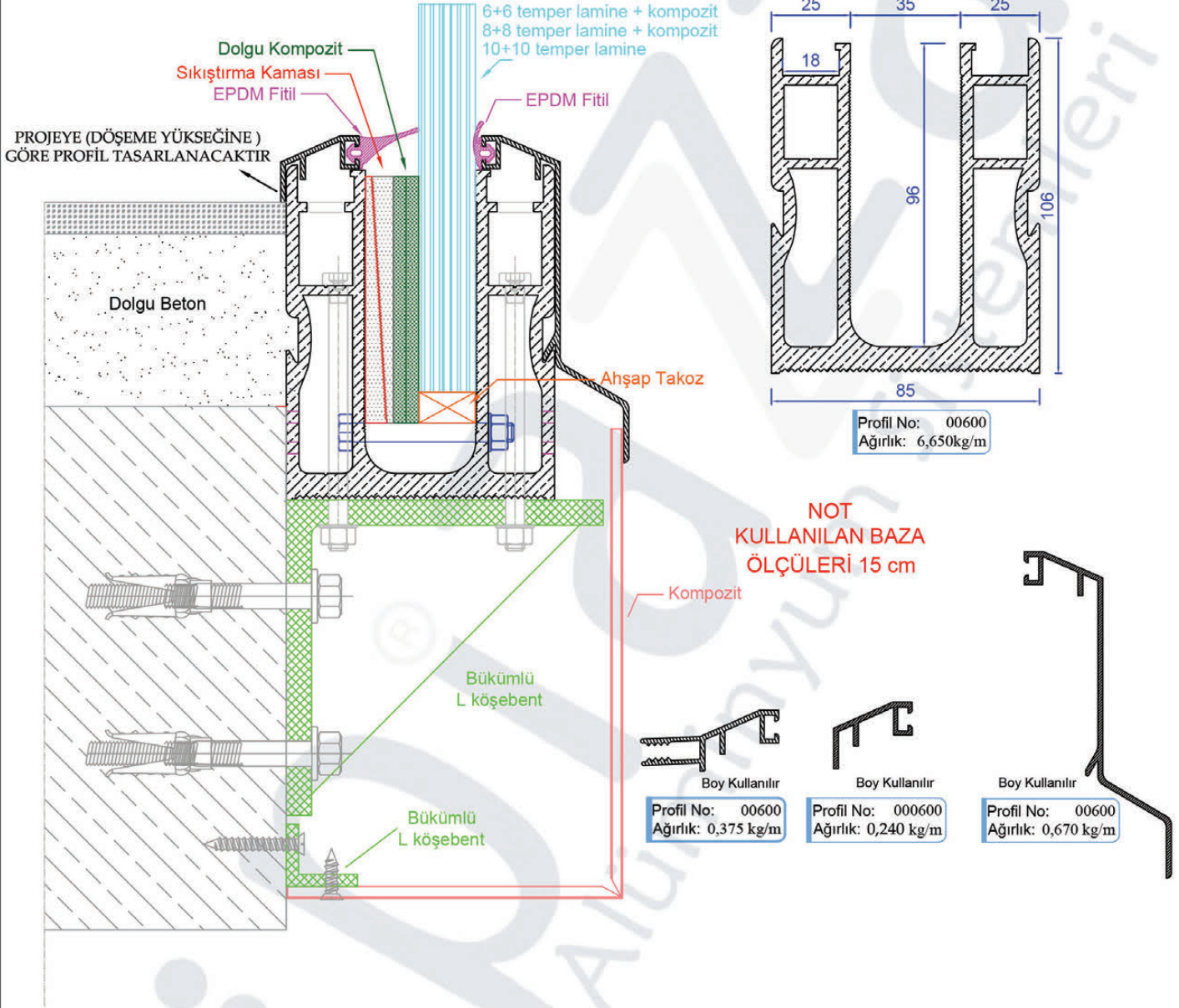
TAKRİBİ MALİYET ANALİZİ

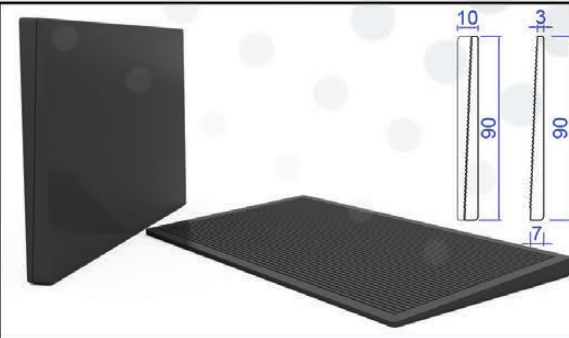
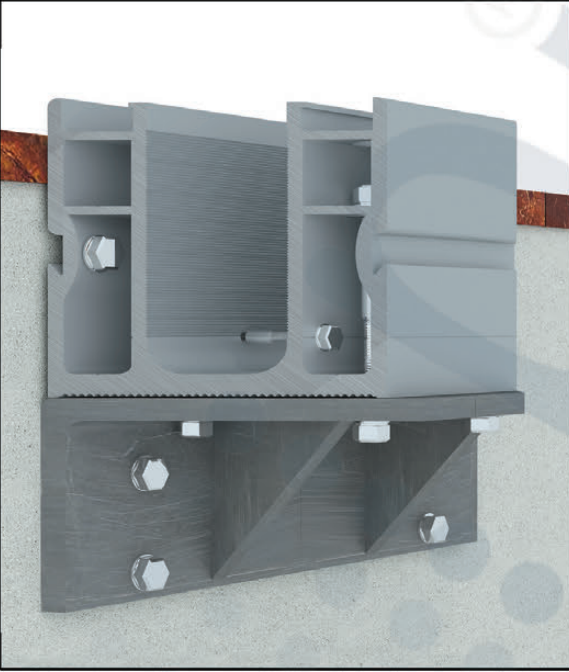
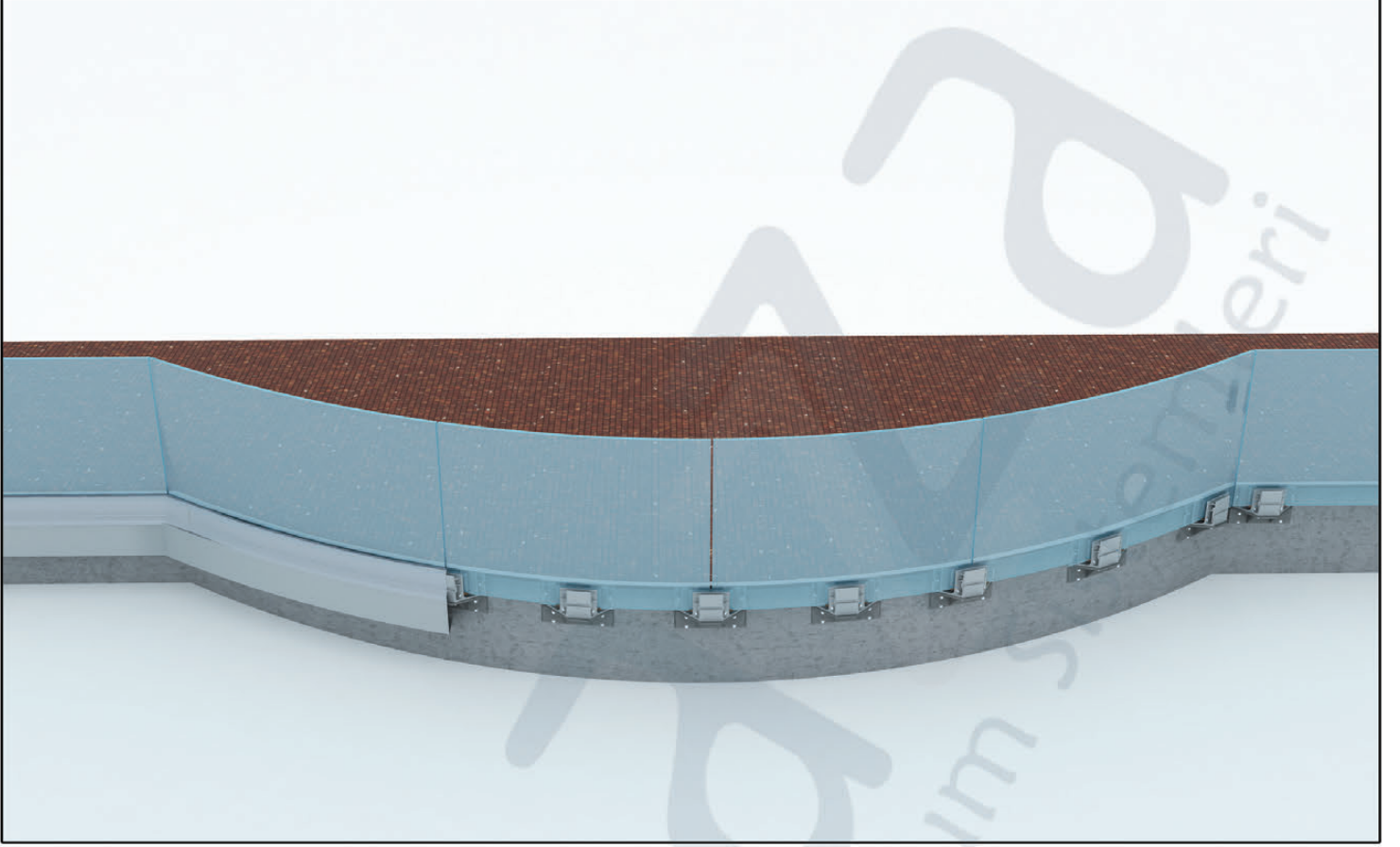
- 1 mt toplam ağırlık = (1 mt de 15 cm taşıyıcı profil + iç ve dış kapak) **3,130 kg/mt**
- Özel Çelik Dübel = 5 adet
- Plastik Sıkıştırma Kaması = 1 adet
- 12 mm cam = 4 adet kompozit
- 16 mm cam = 3 adet kompozit
- 18 mm cam = 2 adet kompozit





YÜKSEK KATLARDA İÇ VE DIŞ BÜKEY (DAİRESEL) ÖZEL DETAY



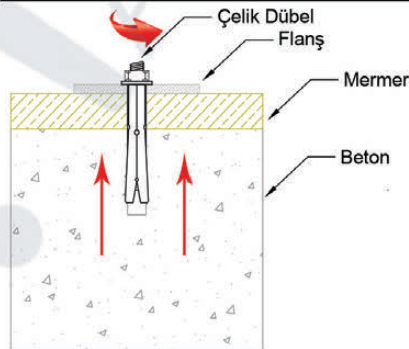


SIKIŞTIRMA KAMASI

ÖZEL ÇELİK DÜBEL

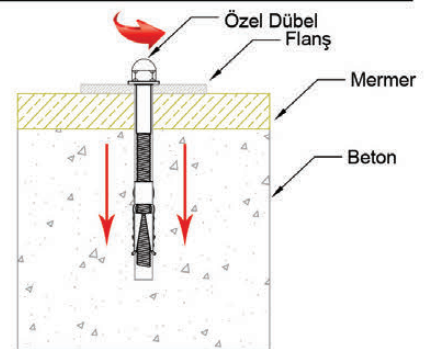


SIKIŞTIRMA APARATI



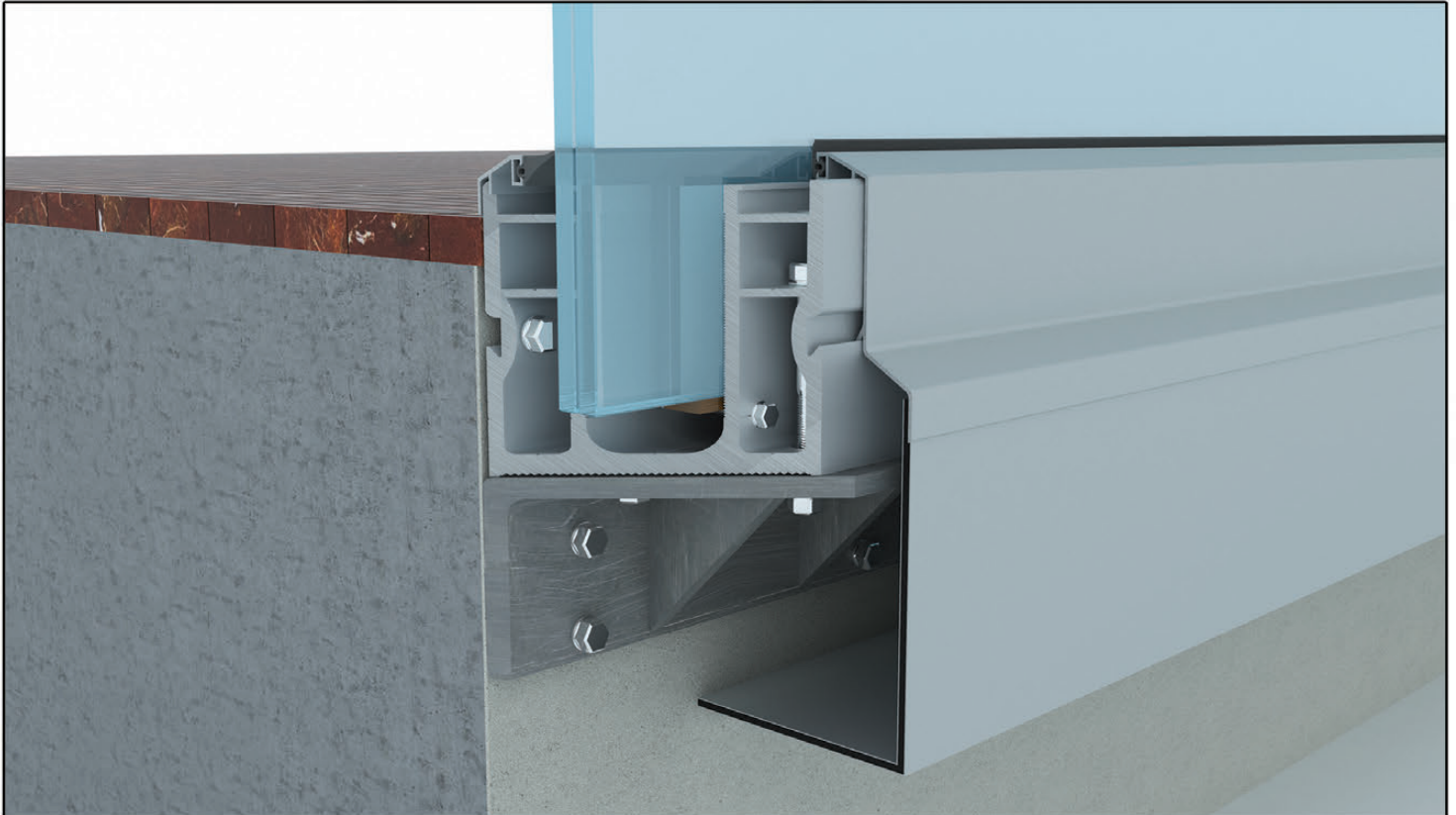
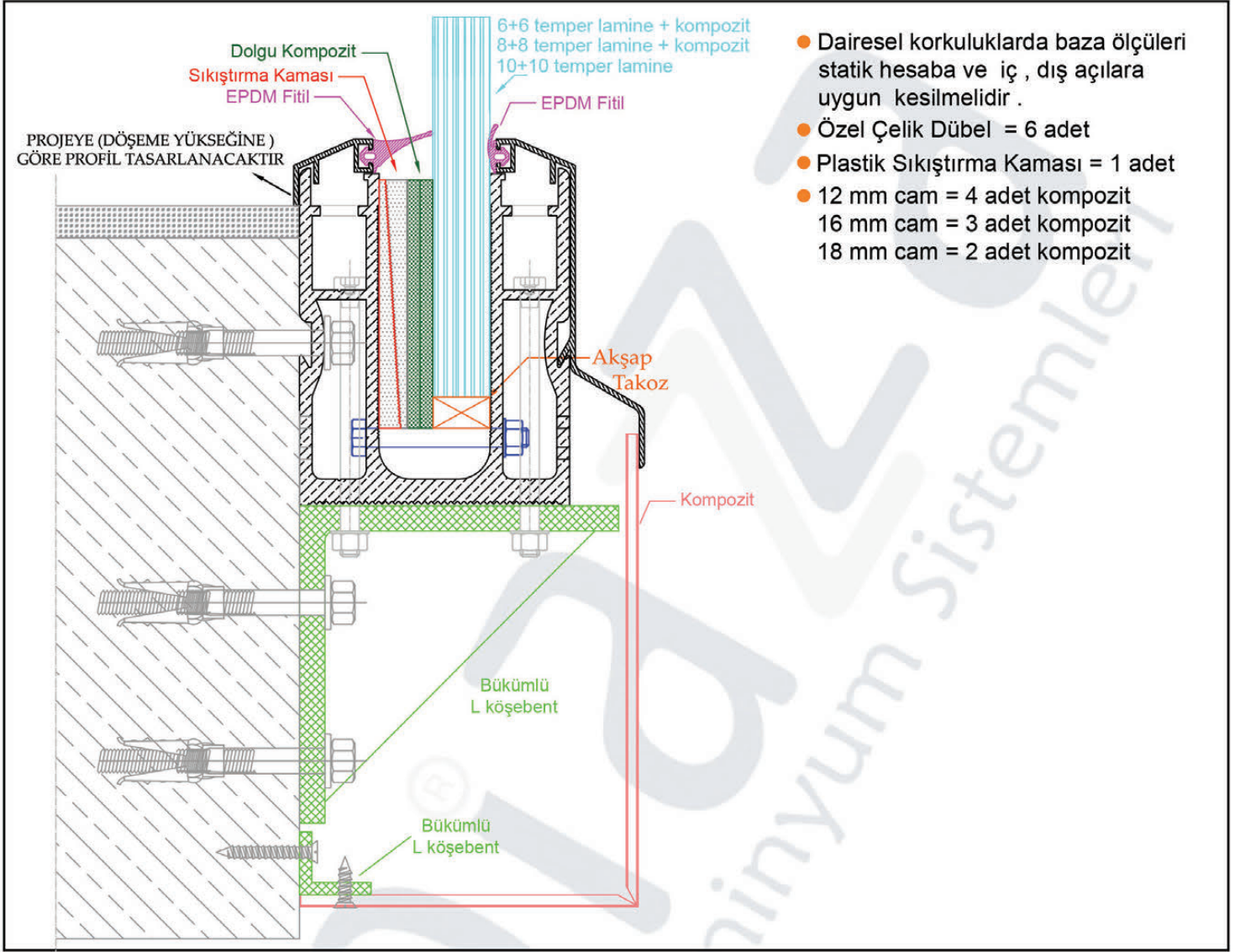
**ÇEKME ÇELİK DÜBEL
KULLANIM ŞEKLİ**

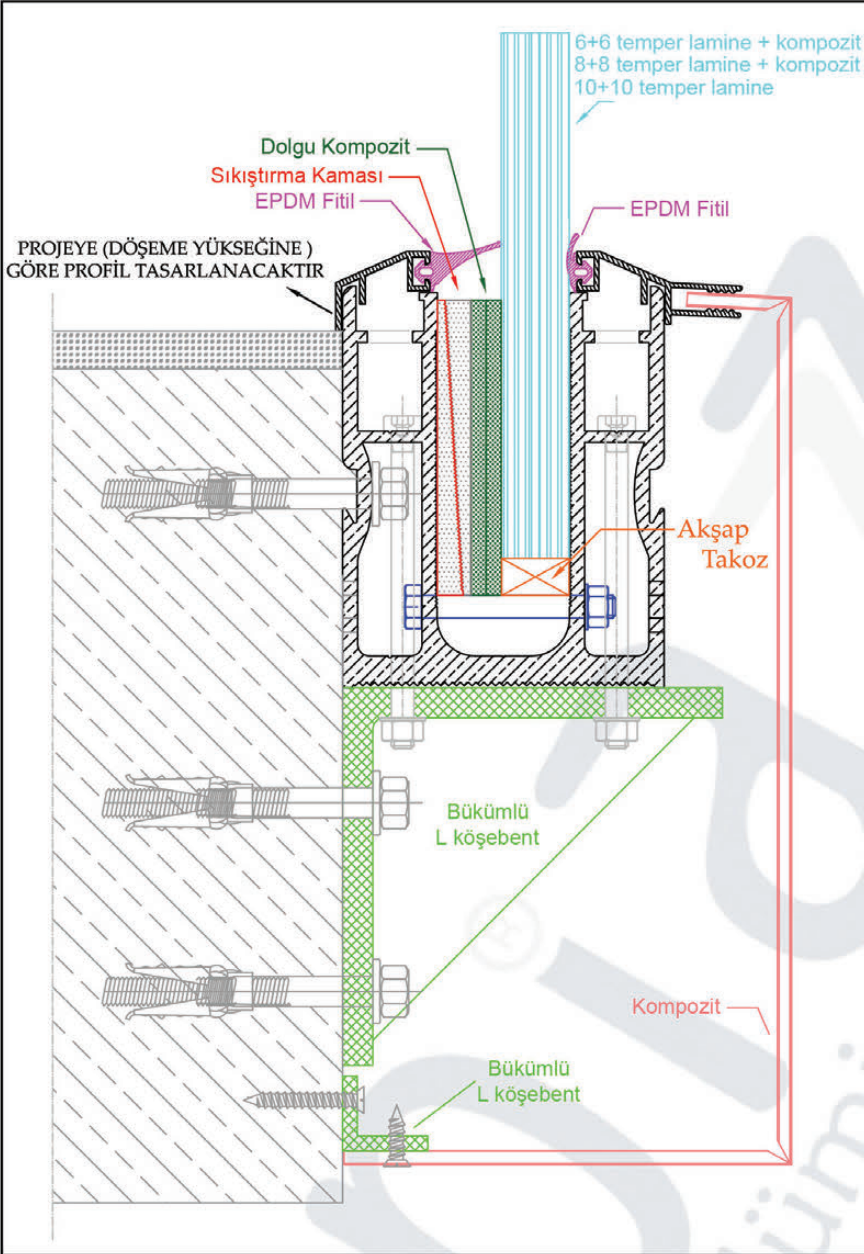
Mevcutta kullanılan çelik dübel sabitleme işlemi cıvata soldan sağa çevrilerek yapılır, dübel kovani genişleyerek kendini yukarı (ok yönünde) çeker ve döşemeyi zayıflatıp sisteme zarar verir.



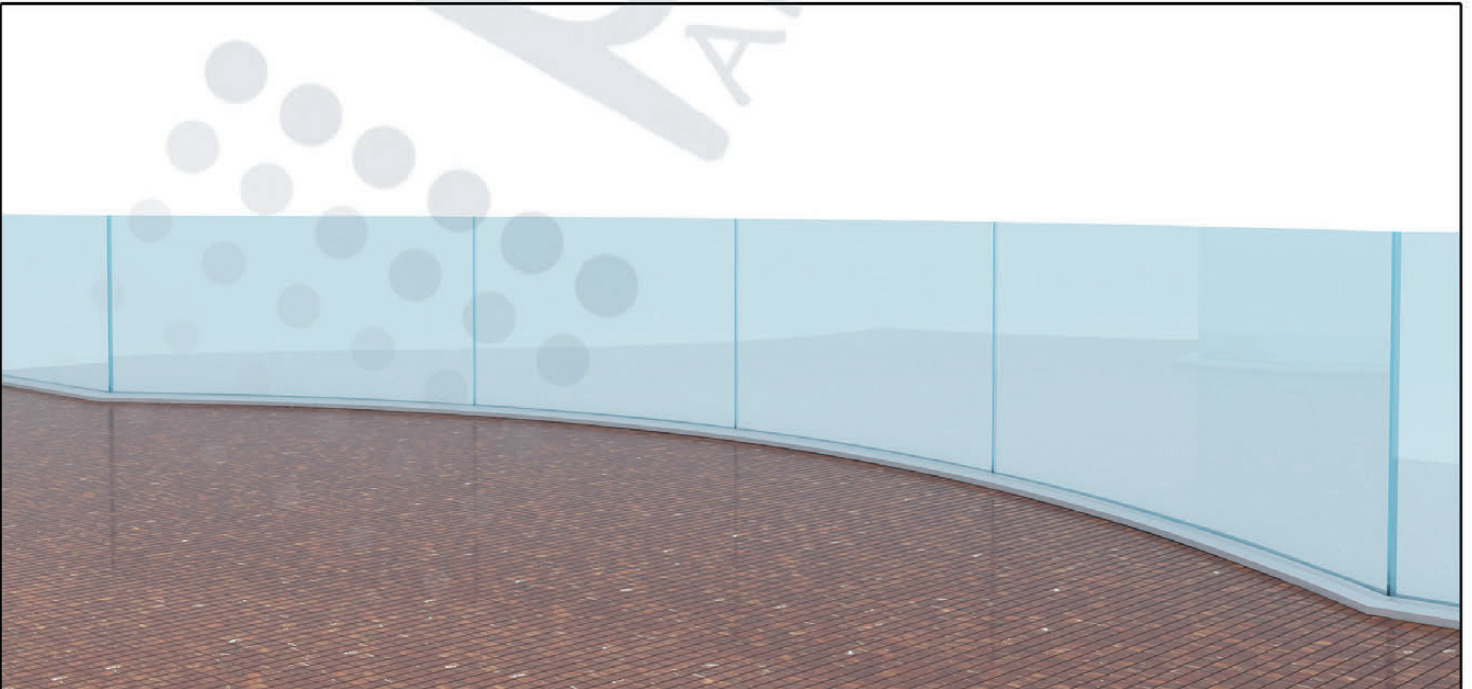
**ÖZEL ÇELİK DÜBEL
KULLANIM ŞEKLİ**

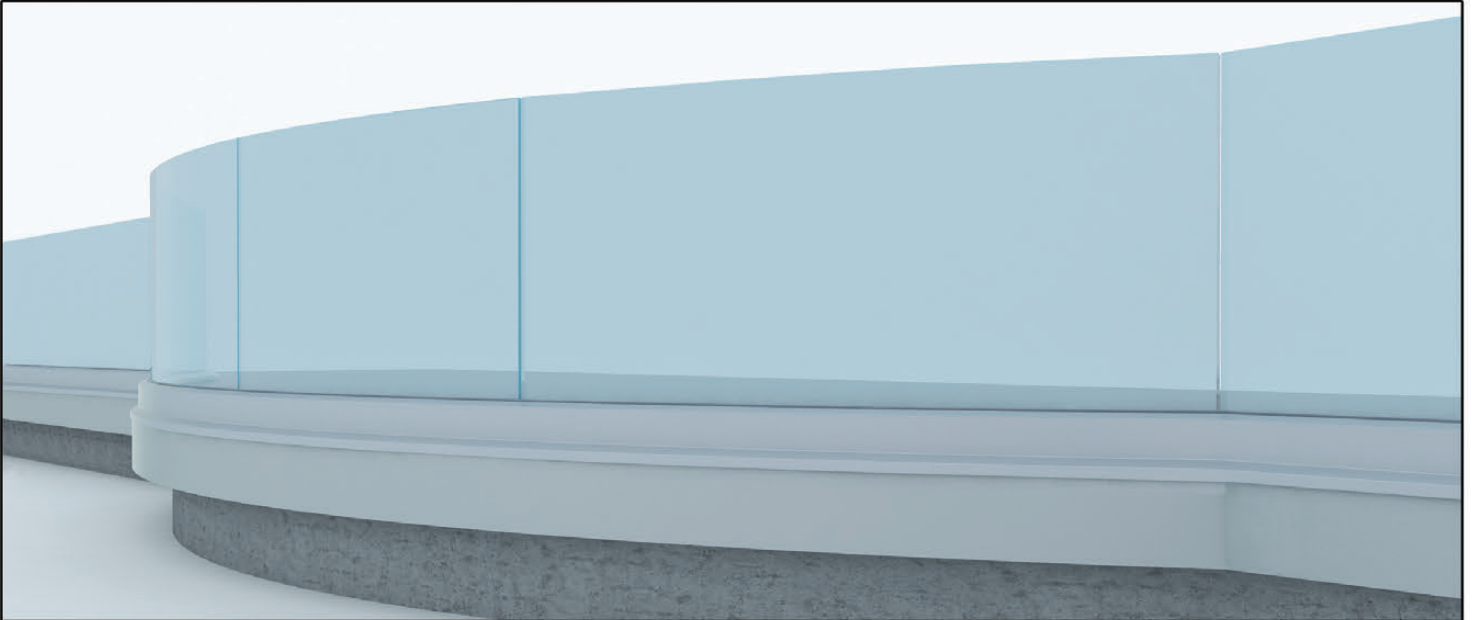
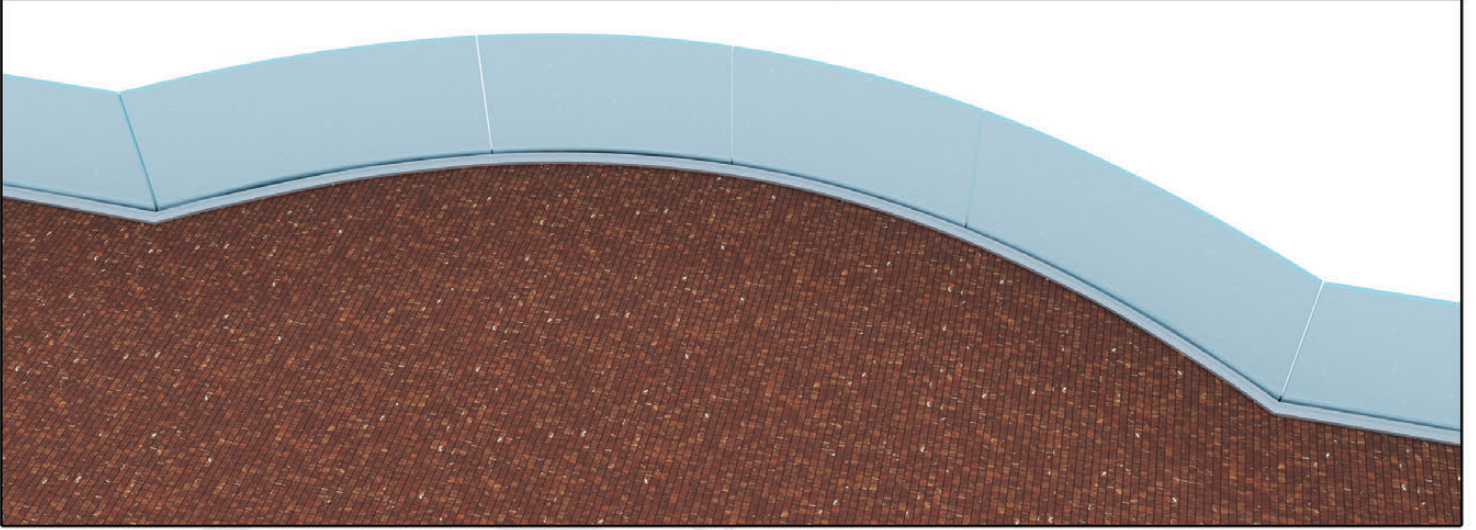
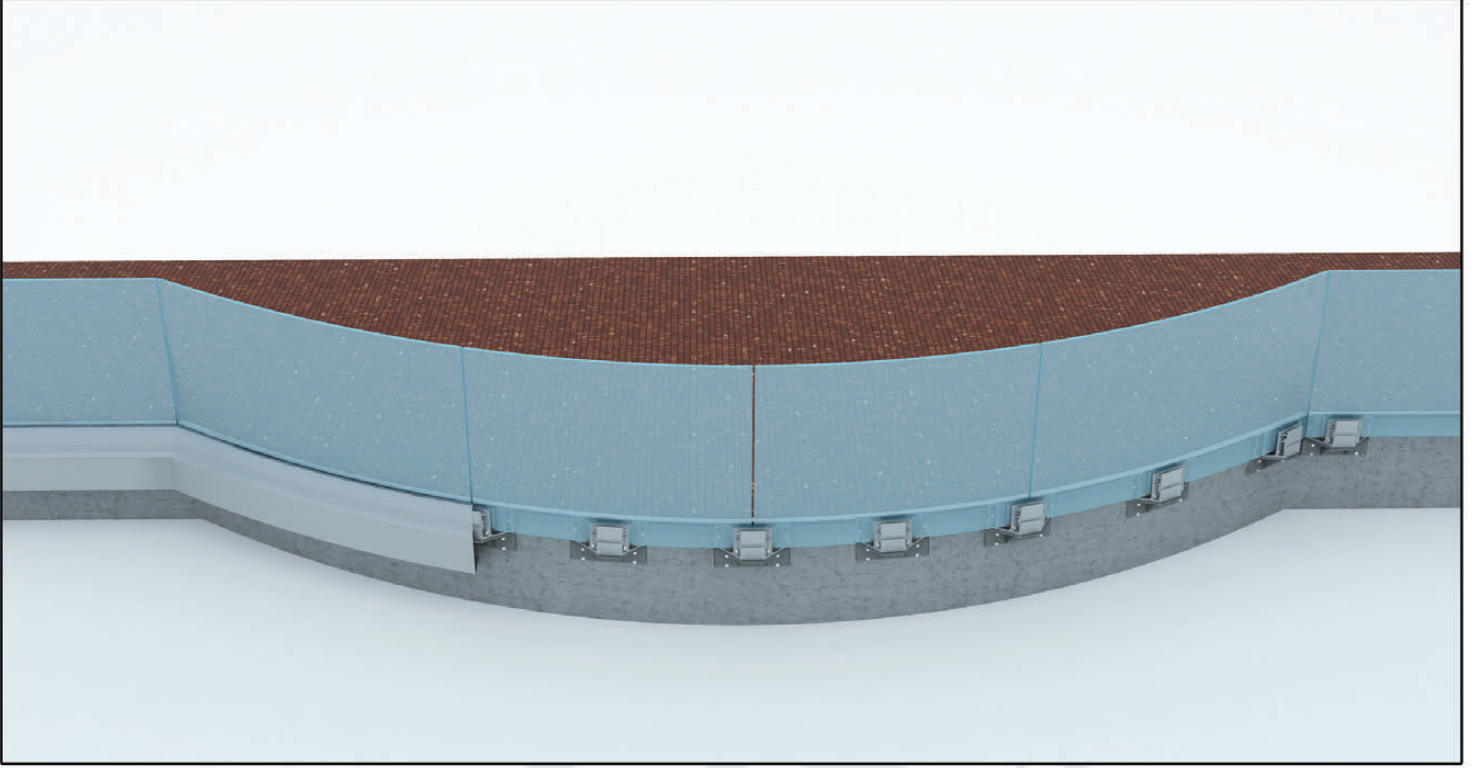
Özel çelik dübel sabitleme işlemi cıvata soldan sağa çevrilerek yapılır, cıvatanın çevrilmesiyle dübel kovani açılarak beton içinde genişleyerek sistemi aşağı (ok yönünde) çeker. Böylece döşemeye zarar vermez.





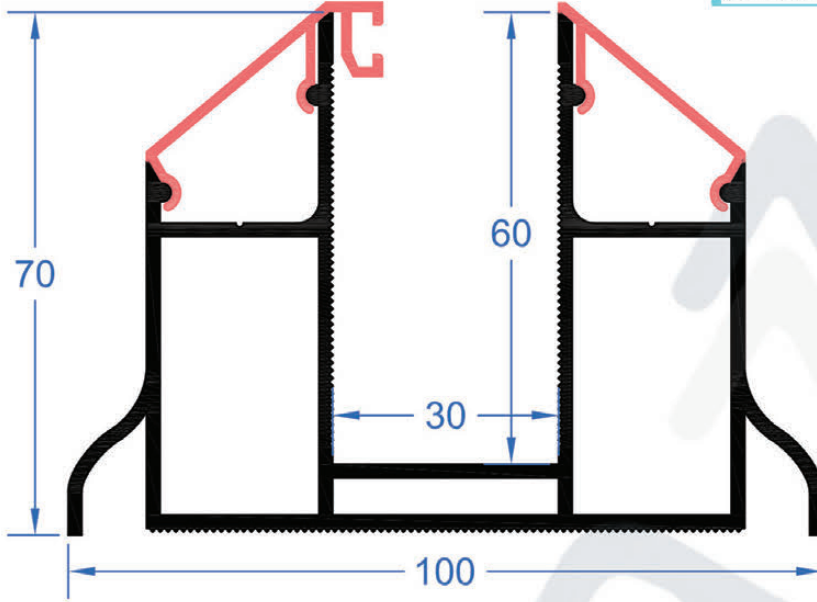
- Dairesel korkuluklarda baza ölçüleri statik hesaba ve iç , dış açılara uygun kesilmelidir .
- Özel Çelik Dübel = 6 adet
- Plastik Sıkıştırma Kaması = 1 adet
- 12 mm cam = 4 adet kompozit
- 16 mm cam = 3 adet kompozit
- 18 mm cam = 2 adet kompozit





EKONOMİK BAZA

YAKLAŞIK TOPLAM SİSTEM AĞIRLIĞI : 2,600 m/t
(KASA VE 2 ÇITA)



Profil No: 590641
Ağırlık: 2,095 Kg/m



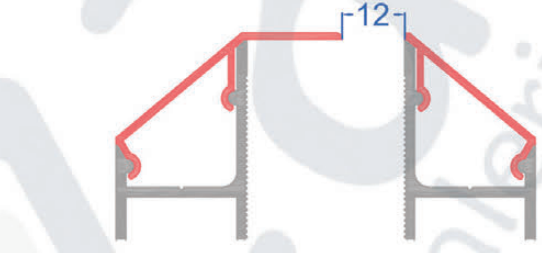
Fitilli İç Çita

Profil No: 470651
Ağırlık: 0,232 Kg/m

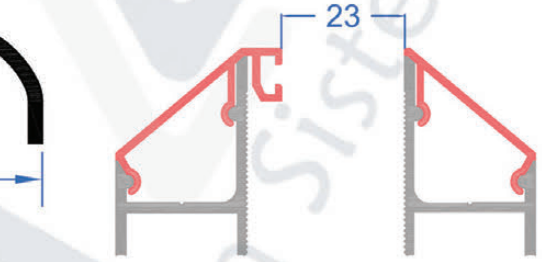


Dış çita

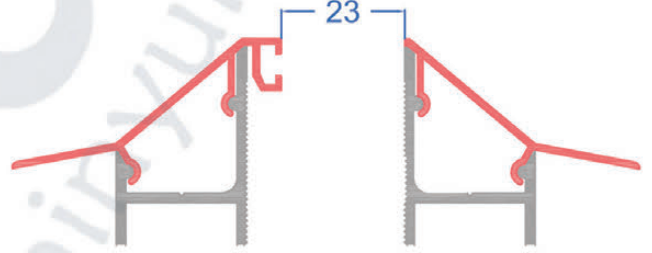
Profil No: 480617
Ağırlık: 0,161 Kg/m



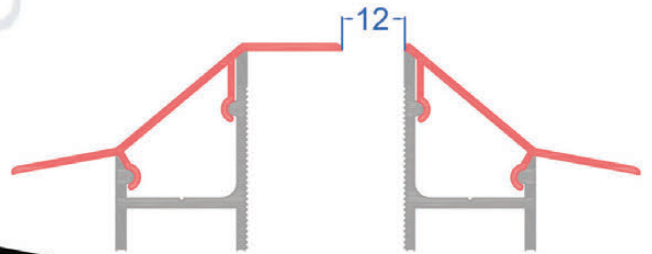
12



23



23



12



Fitilli Damlalıklı İç Çita

Profil No: 000000
Ağırlık: 0,295 Kg/m



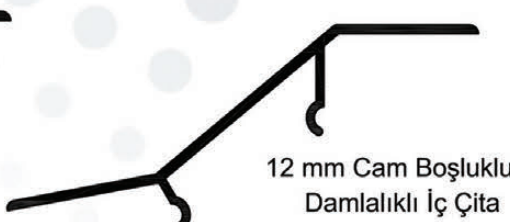
Damlalıklı dış çita

Profil No: 480686
Ağırlık: 0,228 Kg/m



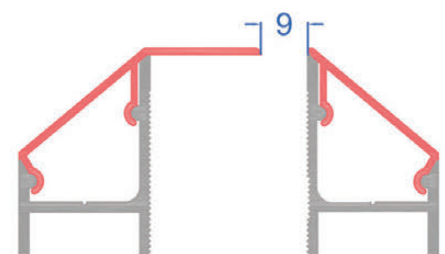
12 mm Cam Boşluklu İç Çita

Profil No: 480687
Ağırlık: 0,220 Kg/m

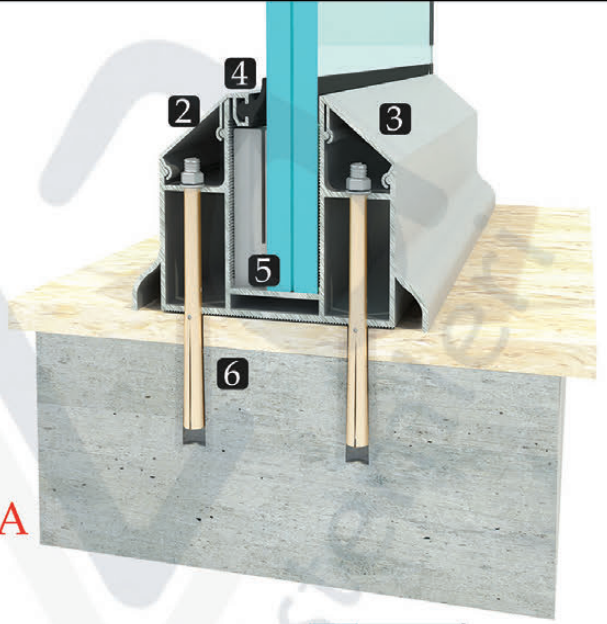
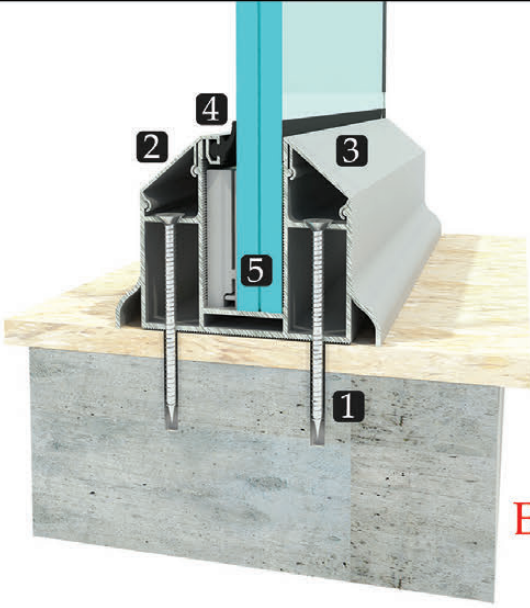


12 mm Cam Boşluklu Damlalıklı İç Çita

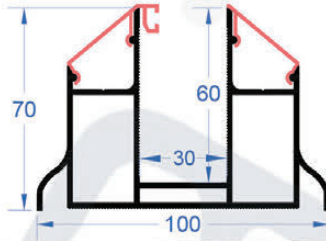
Profil No: 480685
Ağırlık: 0,285 Kg/m



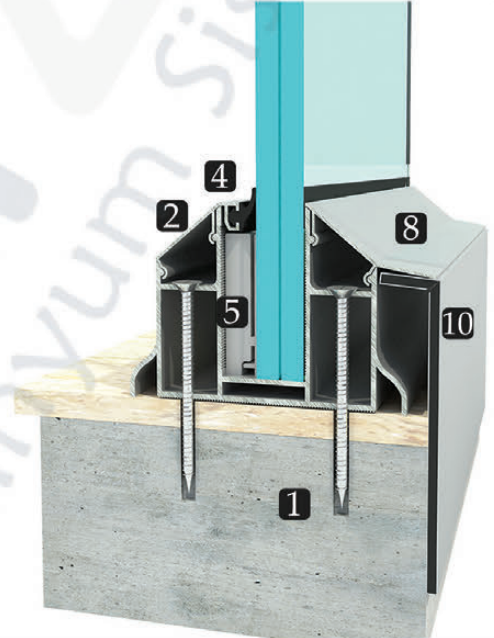
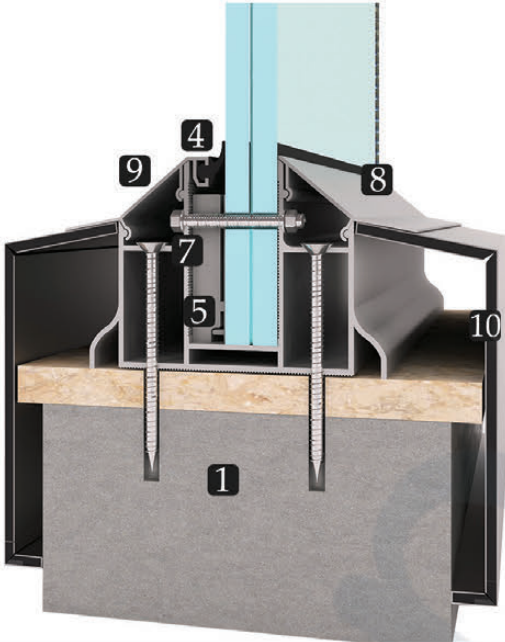
9



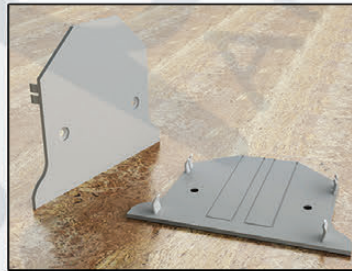
EKONOMİK BAZA



TAKRİBİ SİSTEM AĞIRLIĞI
Ağırlık : 2,600 Kg/m

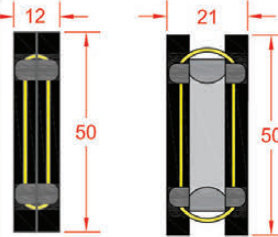


- 1 İmbus (Tork Vida)
40-50 cm ara ile karşılıklı olarak kullanılır.
- 2 Fitilli İç Çıta
- 3 Dış Çıta
- 4 Fitol (8+8 6+6 camlar için)
- 5 Plastik Sıkıştırma Aparatı
- 6 Çelik Dübel
40-50 cm ara ile karşılıklı olarak kullanılır.
- 7 Somunlu Civata (İsteğe bağlı)
- 8 Damlalıklı Dış Çıta
- 9 Fitilli Damlalıklı İç Çıta
- 10 Kompozit veya Levha (herhangi bir kaplama)



PLASTİK KAPAK

SOMUNLU CİVATA



Sıkıştırma Aparatı Adet / TL

MONTAJ DETAYLARI 43-44. sayfada

DÜBEL

Çekme Dübel



İMBUS VİDA



Cam Boşluğundaki Dolgu Uygulaması

Cam Boşluğu	= 30 mm
Plastik Kama Geniřliđi	= 12 mm
Cam kalınlıđı	= a
kompozit veya kompak	= x
x = 30 - (12 + a)	

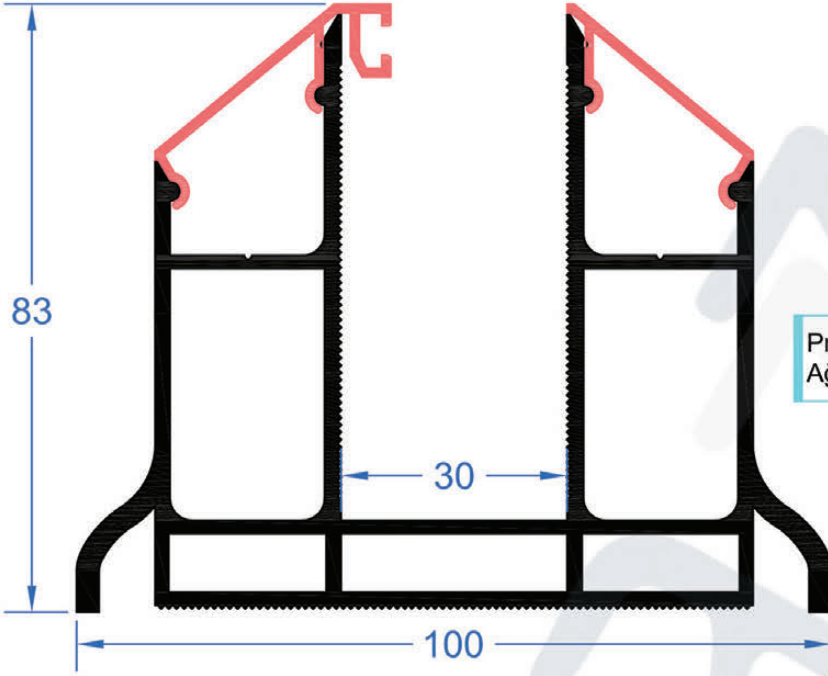
NOT

- * Çelik dübel ve imbus vidadan hangisi kullanılacaksa 40-50 cm aralıkla karşılıklı kullanılır.
- * Sıkıştırma Aparatı ve kompozit 40 - 50 cm aralıkla kullanılır.

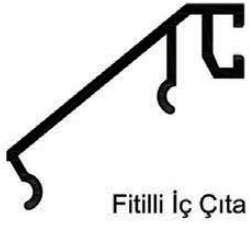


ORTA BAZA

YAKLAŞIK TOPLAM SİSTEM AĞIRLIĞI : 3,300 m/t
(KASA VE 2 ÇITA)

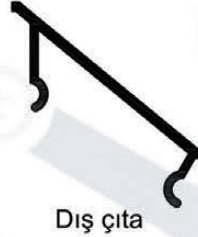


Profil No: 460601
Ağırlık: 2,836 Kg/m



Fitilli İç Çita

Profil No: 470651
Ağırlık: 0,232 Kg/m



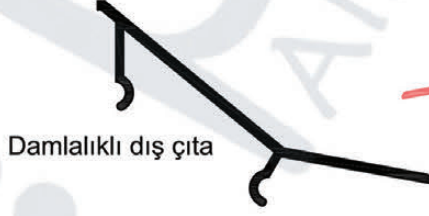
Dış çita

Profil No: 480617
Ağırlık: 0,161 Kg/m



Fitilli Damlalıklı İç Çita

Profil No: 000000
Ağırlık: 0,295 Kg/m



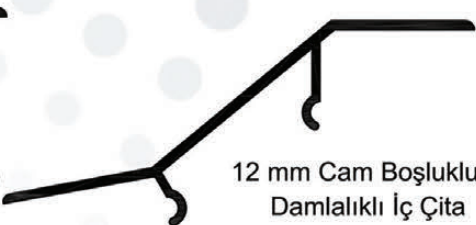
Damlalıklı dış çita

Profil No: 480686
Ağırlık: 0,228 Kg/m



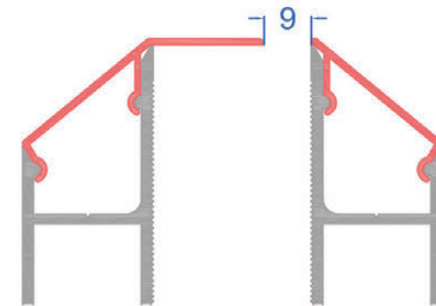
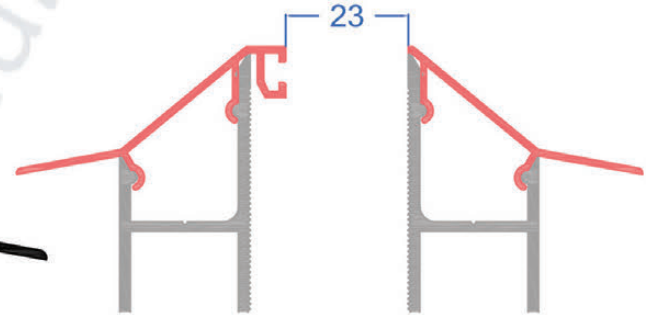
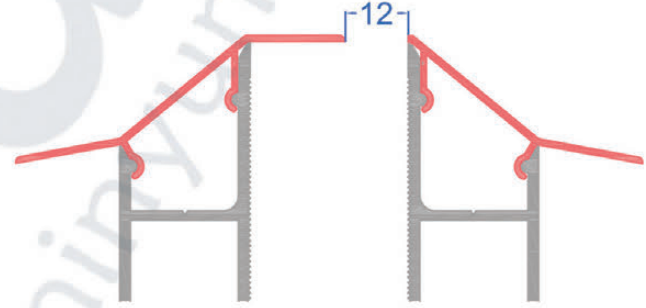
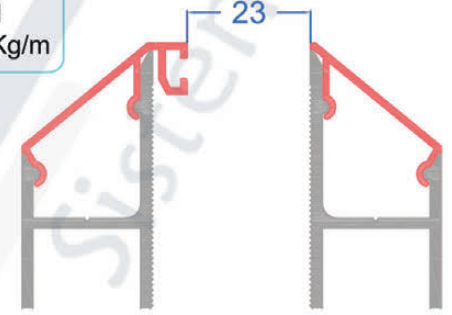
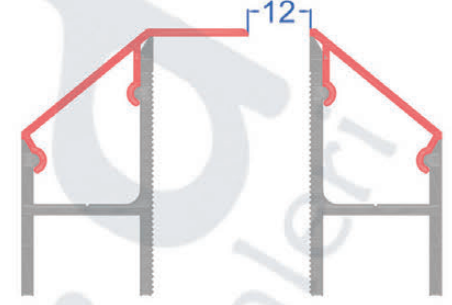
12 mm Cam Boşluklu İç Çita

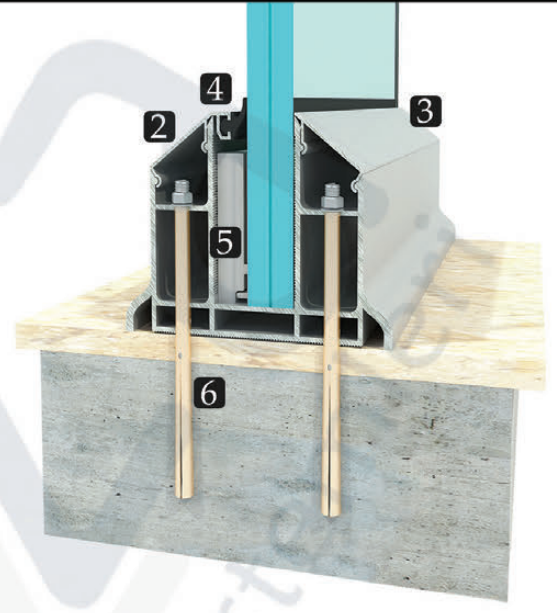
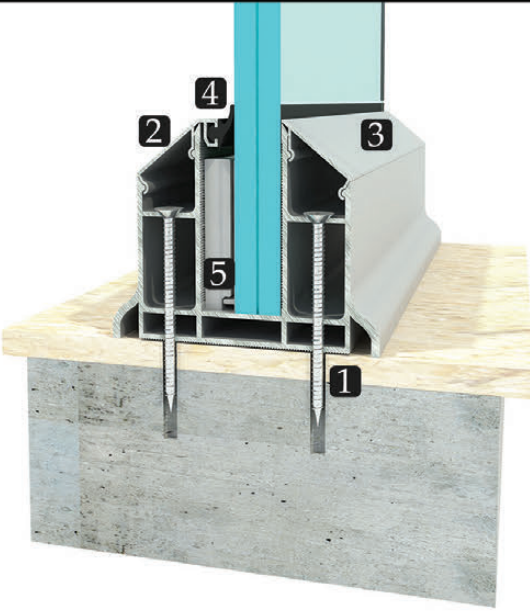
Profil No: 480687
Ağırlık: 0,220 Kg/m



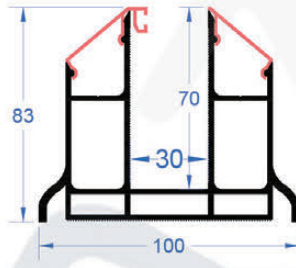
12 mm Cam Boşluklu Damlalıklı İç Çita

Profil No: 480685
Ağırlık: 0,285 Kg/m

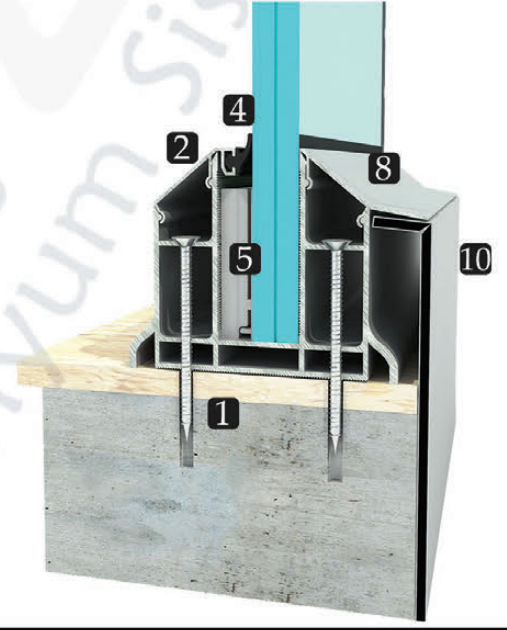
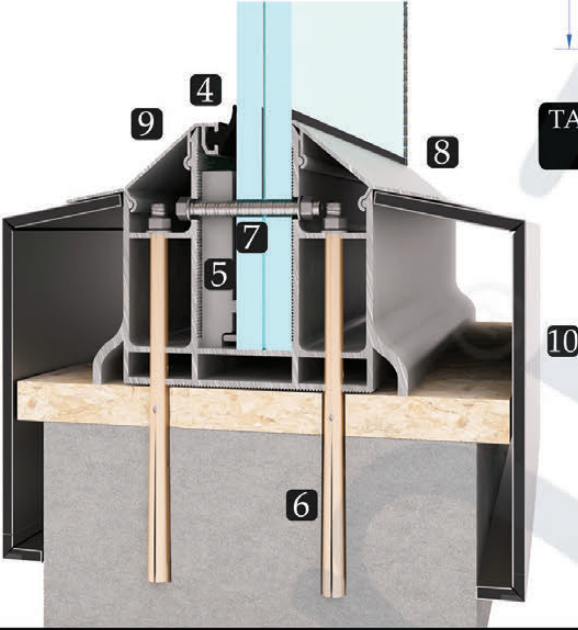




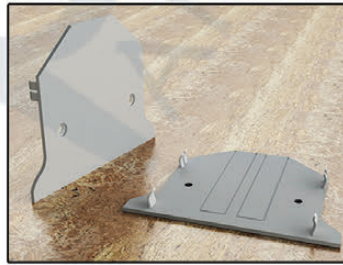
ORTA BAZA



TAKRİBİ SİSTEM AĞIRLIĞI
Ağırlık : 3,300 Kg/m

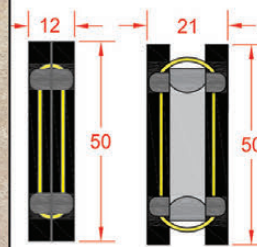


- 1 İmbus (Tork Vida)
40-50 cm ara ile karşılıklı olarak kullanılır.
- 2 Fitilli İç Çıta
- 3 Dış Çıta
- 4 Fitil (8+8 6+6 camlar için)
- 5 Plastik Sıkıştırma Kaması
- 6 Çelik Dübel
40-50 cm ara ile karşılıklı olarak kullanılır.
- 7 Somunlu Civata
- 8 Damlalıklı Dış Çıta
- 9 Fitilli Damlalıklı İç Çıta
- 10 Kompozit veya Levha (herhangi bir kaplama)



PLASTİK KAPAK

SOMUNLU CİVATA



Sıkıştırma Aparatı Adet / TL



MONTAJ DETAYLARI 43-44. sayfada

DÜBEL

Çekme Dübel



Özel Dübel

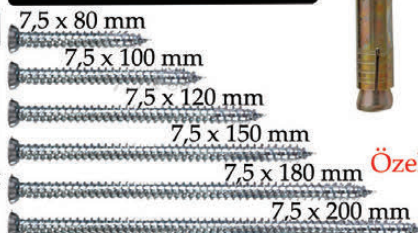
Cam Boşluğundaki Dolgu Uygulaması

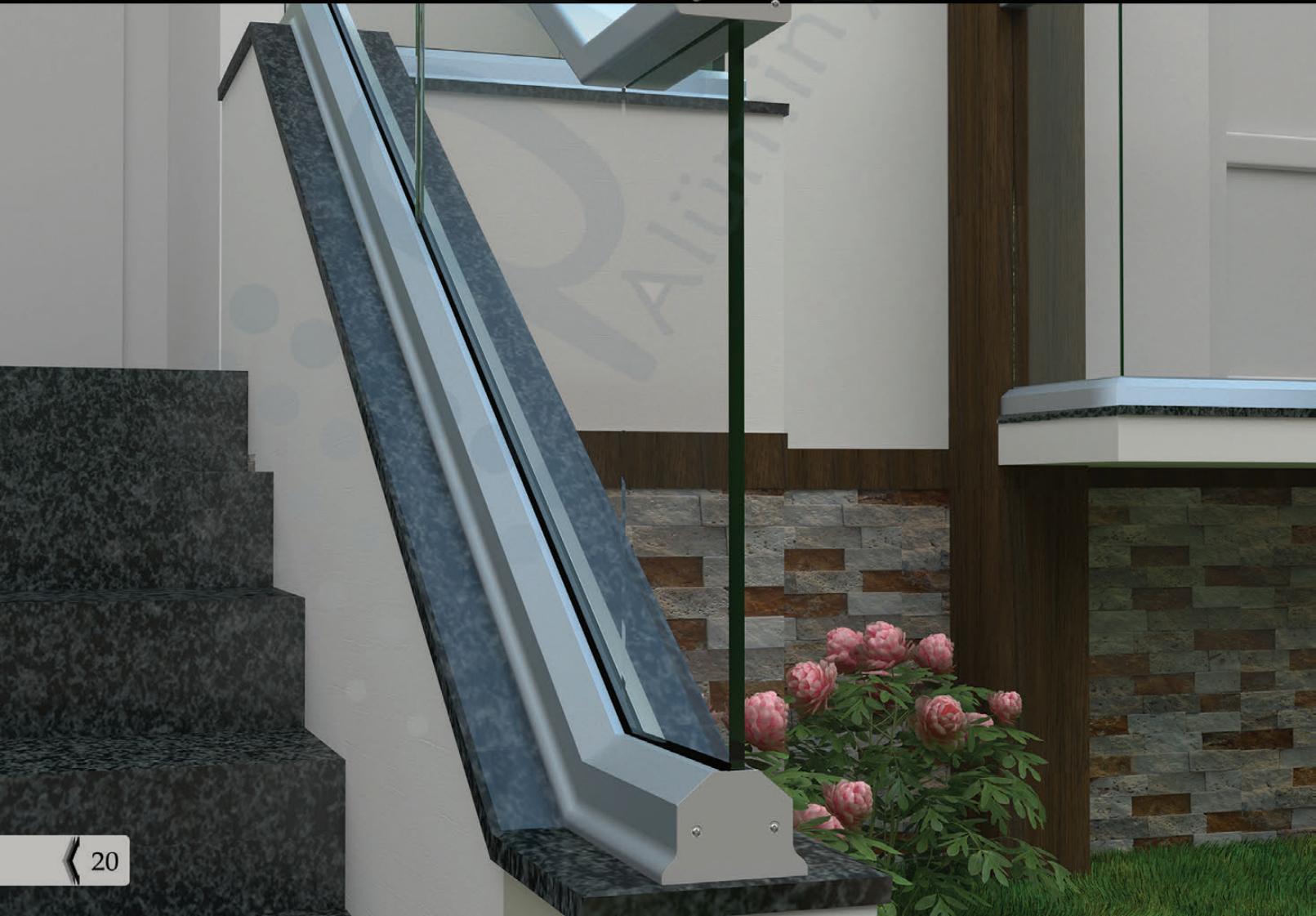
Cam Boşluğu	= 30 mm
Plastik Kama Genişliği	= 12 mm
Cam kalınlığı	= a
kompozit veya kompak	= x
$x = 30 - (12 + a)$	

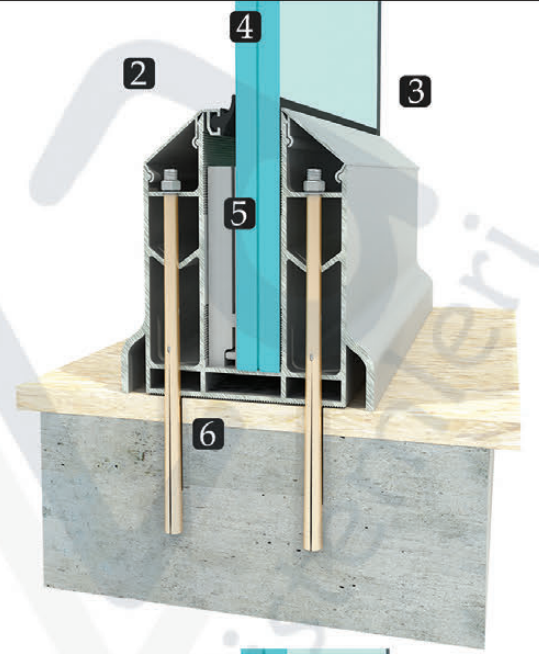
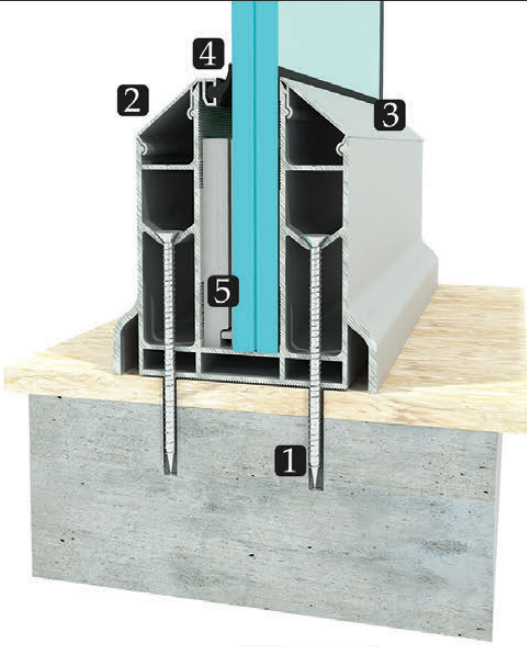
NOT

* Çelik dübel ve imbus vidadan hangisi kullanılacaksa 40-50 cm aralıkla karşılıklı kullanılır.
* Sıkıştırma Aparatı ve kompozit 40 - 50 cm aralıkla kullanılır.

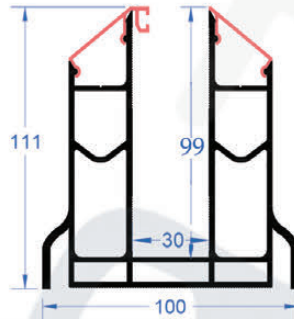
İMBUS VİDA



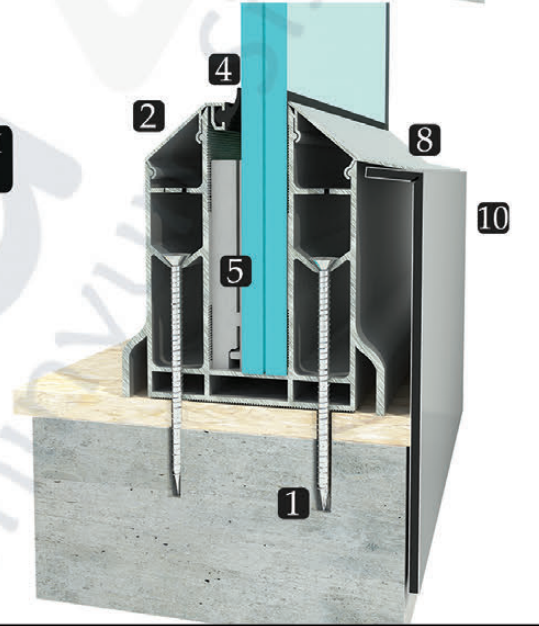
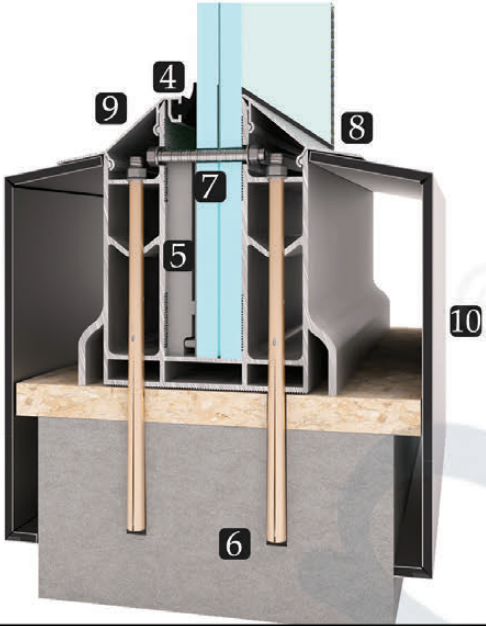




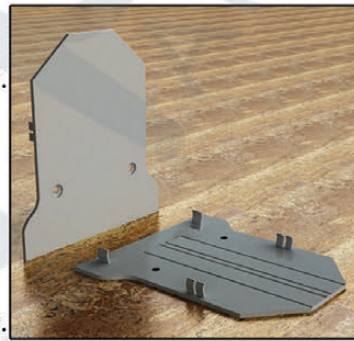
BÜYÜK BAZA



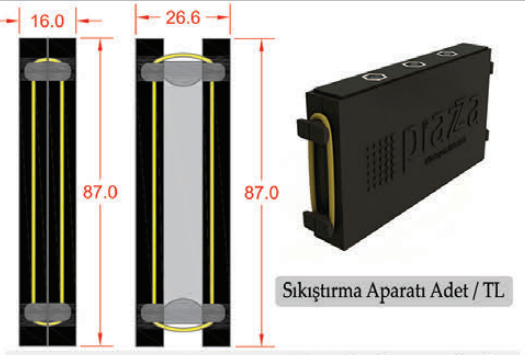
TAKRİBİ SİSTEM AĞIRLIĞI
Ağırlık : 4,200 Kg/m



- 1 İmbus (Tork Vida)
40-50 cm ara ile karşılıklı olarak kullanılır.
- 2 Fitilli İç Çıta
- 3 Dış Çıta
- 4 Fitil (8+8 6+6 camlar için)
- 5 Plastik Sıkıştırma Kaması
- 6 Çelik Dübel
40-50 cm ara ile karşılıklı olarak kullanılır.
- 7 Somunlu Civata (İsteğe bağlı)
- 8 Damlalıklı Dış Çıta
- 9 Fitilli Damlalıklı İç Çıta
- 10 Kompozit veya Levha (herhangi bir kaplama)



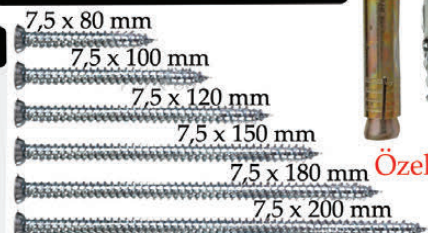
PLASTİK KAPAK
SOMUNLU CİVATA



MONTAJ DETAYLARI 43-44. sayfada

DÜBEL
Çekme Dübel

İMBUS VİDA



Özel Dübel

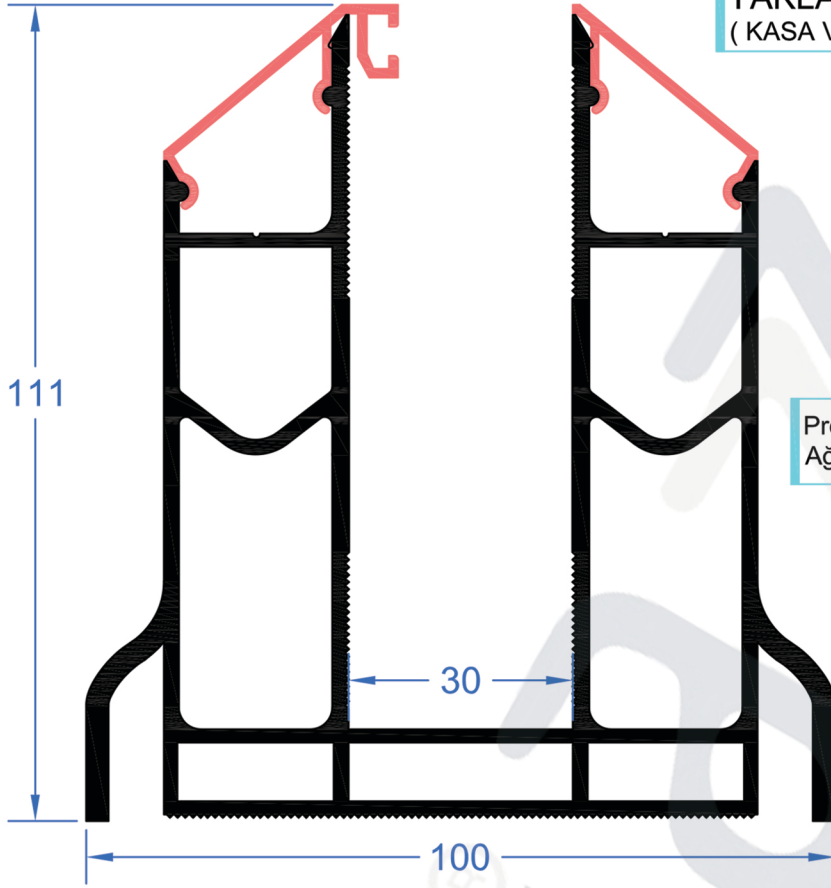
Cam Boşluğundaki Dolgu Uygulaması

Cam Boşluğu	= 30 mm
Plastik Kama Genişliği	= 12 mm
Cam kalınlığı	= a
Kompozit veya kompak	= x
$x = 30 - (12 + a)$	

NOT

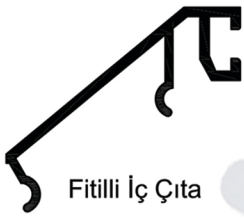
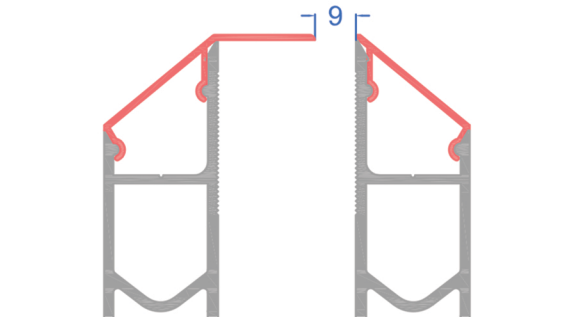
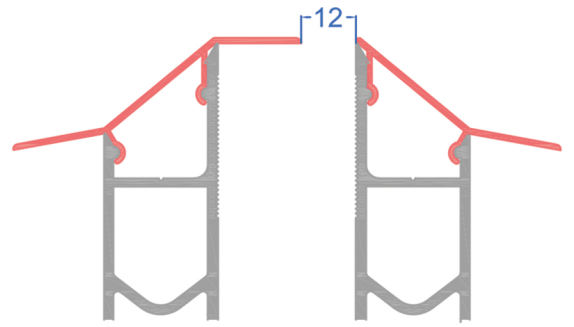
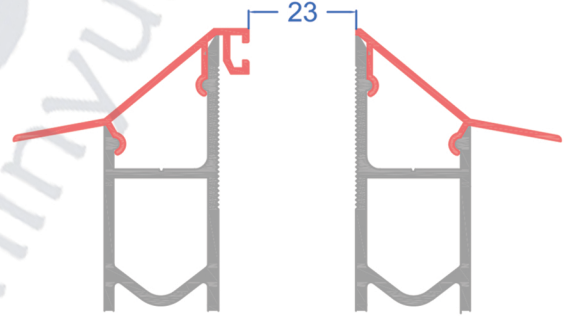
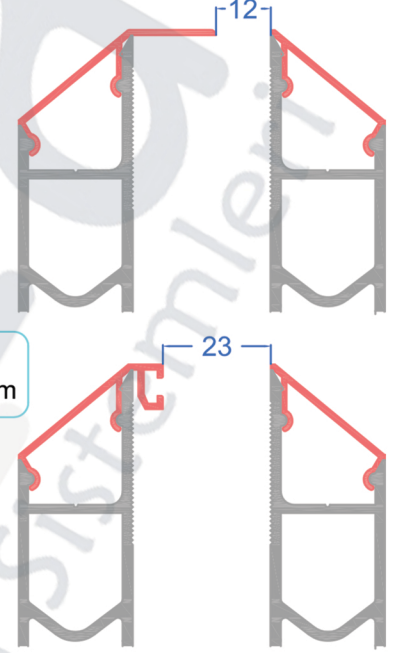
* Çelik dübel ve imbus vidadan hangisi kullanılacaksa 40-50 cm aralıkla karşılıklı kullanılır.
* Sıkıştırma Aparatı ve kompozit 40 - 50 cm aralıkla kullanılır.

BÜYÜK BAZA



YAKLAŞIK TOPLAM SİSTEM AĞIRLIĞI :4,470 Kg/m
(KASA VE 2 ÇITA)

Profil No: 640654
Ağırlık: 3,940 Kg/m



Fitilli İç Çita

Profil No: 470651
Ağırlık: 0,232 Kg/m



Dış çita

Profil No: 480617
Ağırlık: 0,161 Kg/m



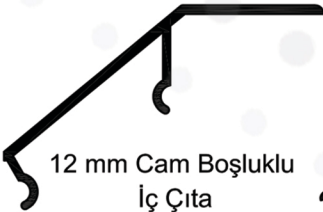
Fitilli Damlalıklı İç Çita

Profil No: 000000
Ağırlık: 0,295 Kg/m



Damlalıklı dış çita

Profil No: 480686
Ağırlık: 0,228 Kg/m



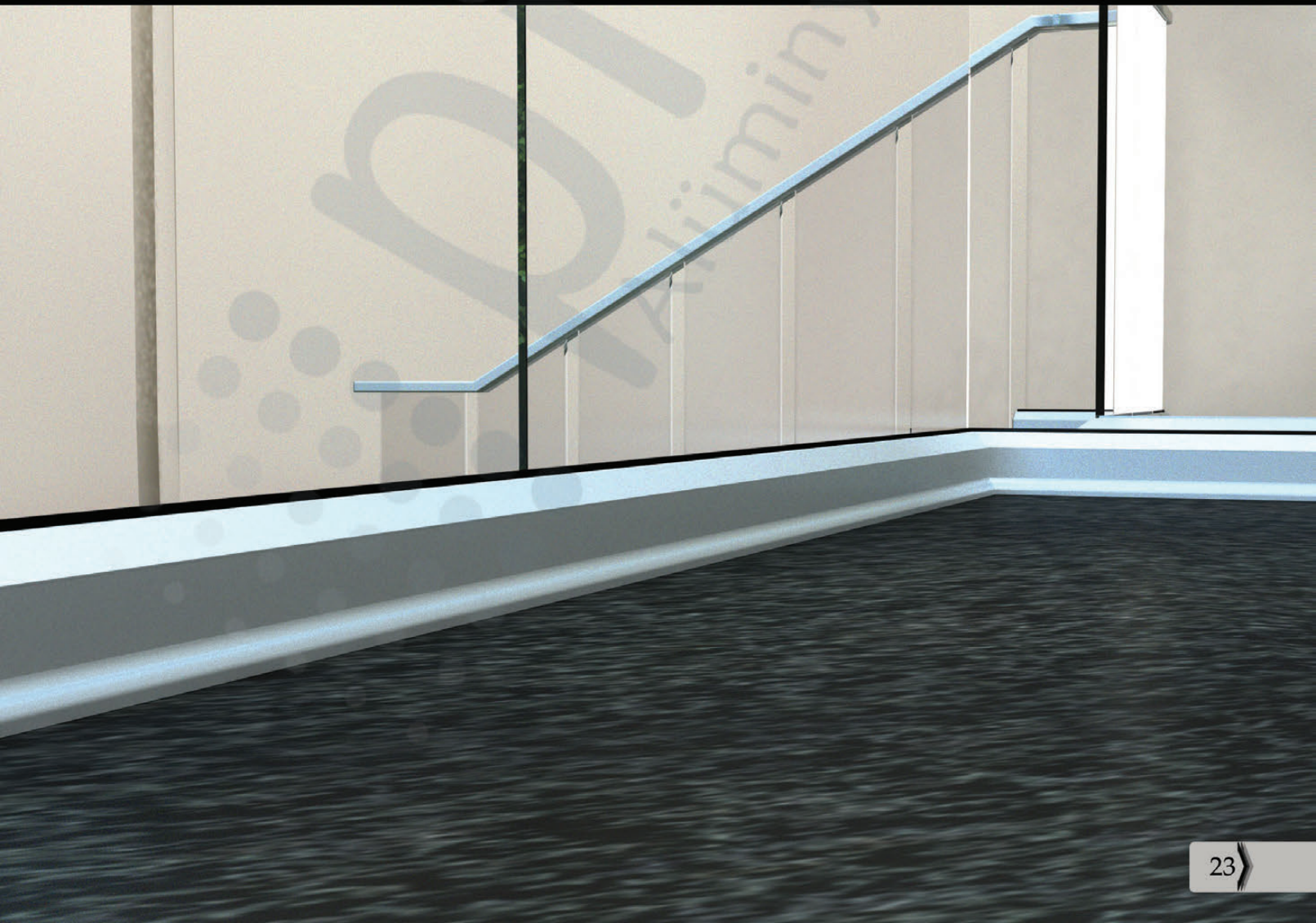
12 mm Cam Boşluklu İç Çita

Profil No: 480687
Ağırlık: 0,220 Kg/m

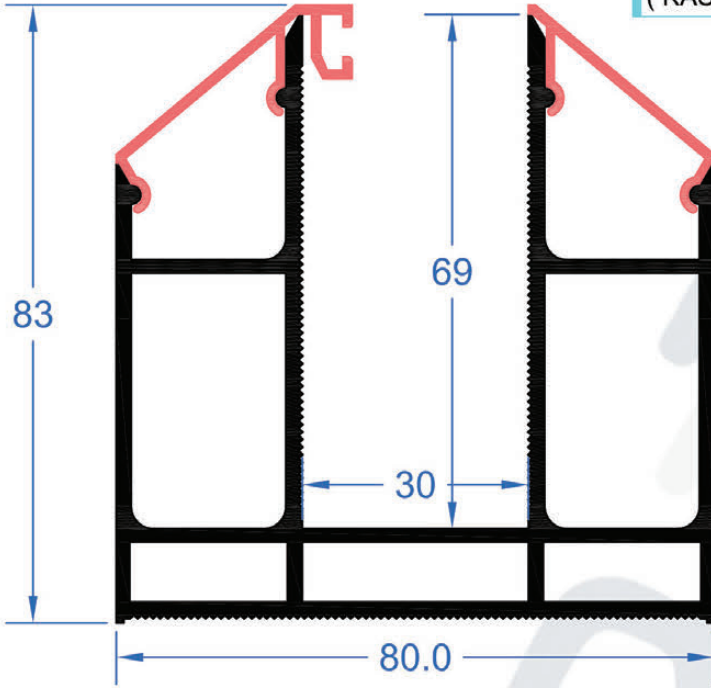


12 mm Cam Boşluklu Damlalıklı İç Çita

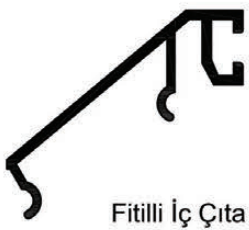
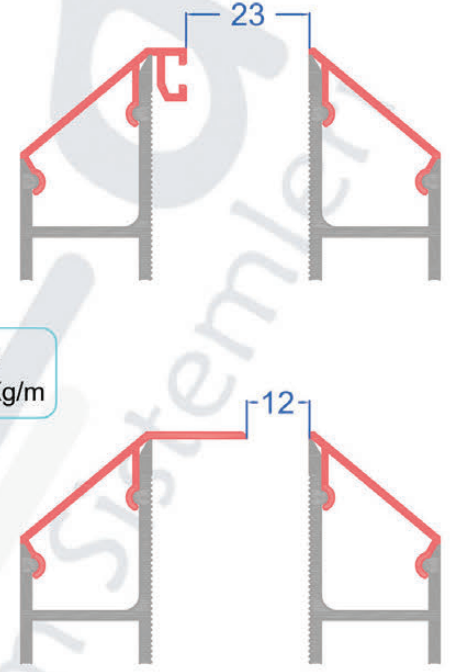
Profil No: 480685
Ağırlık: 0,285 Kg/m



YAKLAŞIK TOPLAM SİSTEM AĞIRLIĞI : 3,000 m/t
(KASA VE 2 ÇITA)



Prf. No: 490639
Ağırlık: 2,510 Kg/m



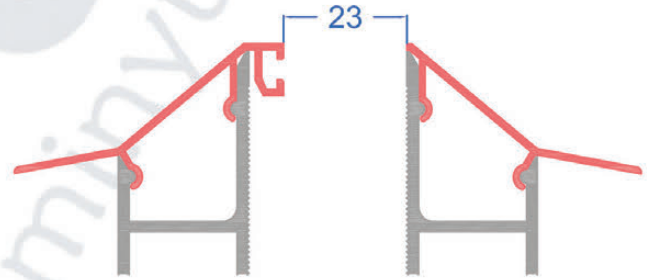
Fitilli İç Çita

Profil No: 470651
Ağırlık: 0,232 Kg/m



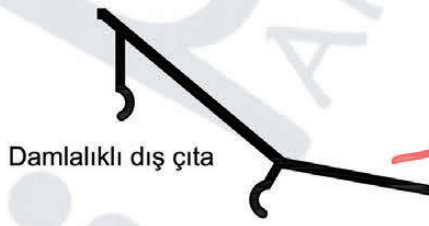
Dış çita

Profil No: 480617
Ağırlık: 0,161 Kg/m



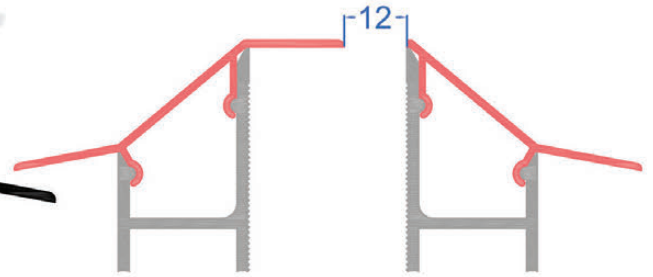
Fitilli Damlalıklı İç Çita

Profil No: 000000
Ağırlık: 0,295 Kg/m



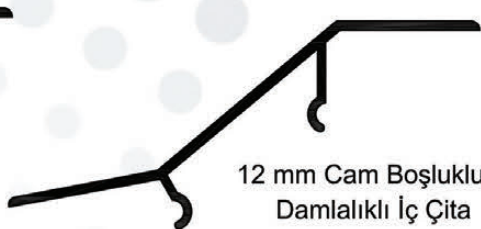
Damlalıklı dış çita

Profil No: 480686
Ağırlık: 0,228 Kg/m



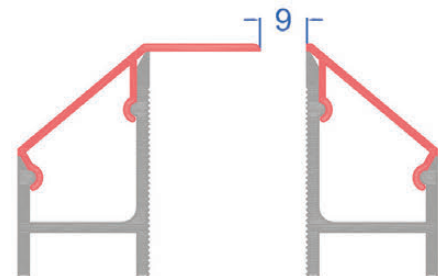
12 mm Cam Boşluklu İç Çita

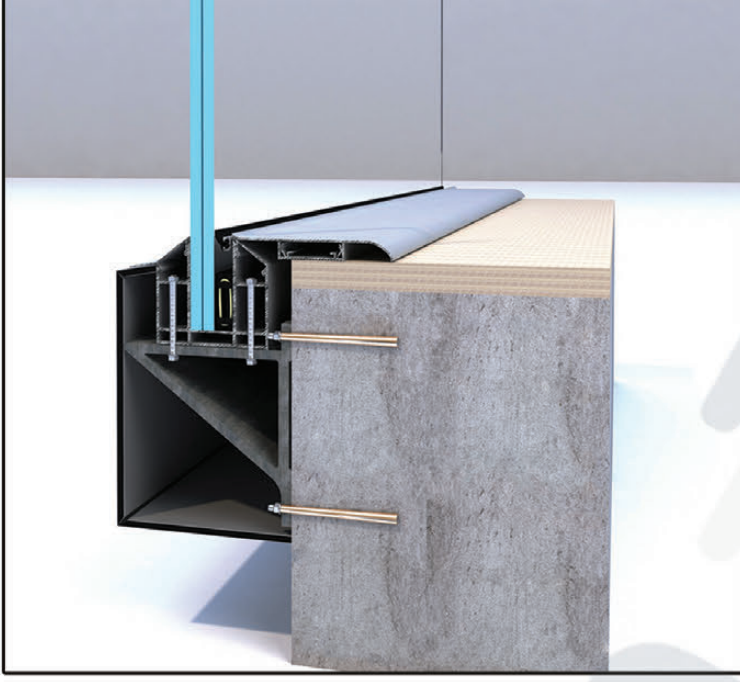
Profil No: 480687
Ağırlık: 0,220 Kg/m



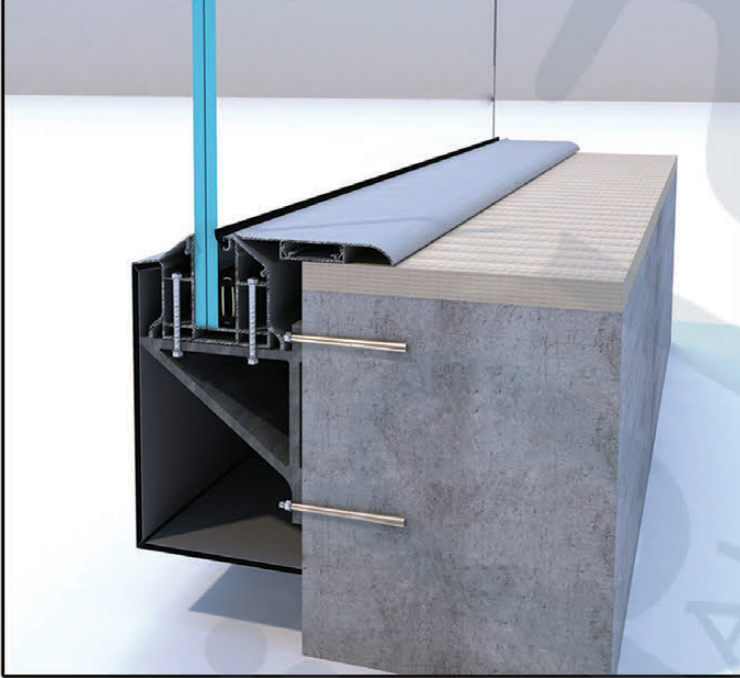
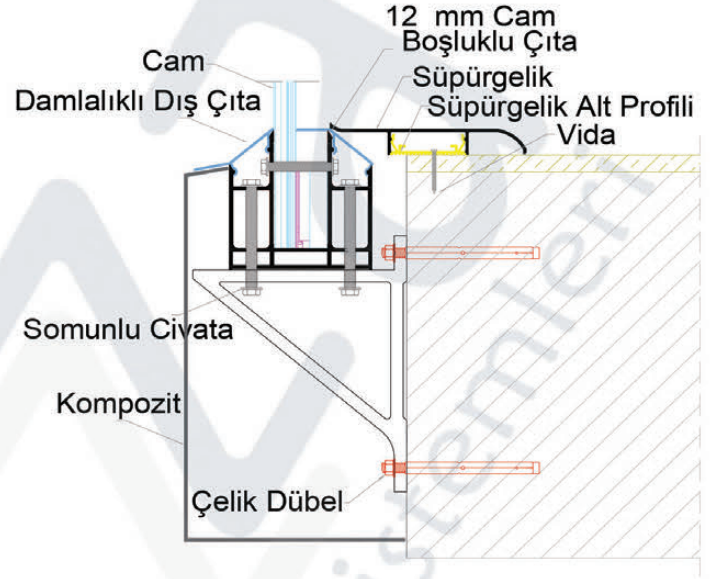
12 mm Cam Boşluklu Damlalıklı İç Çita

Profil No: 480685
Ağırlık: 0,285 Kg/m

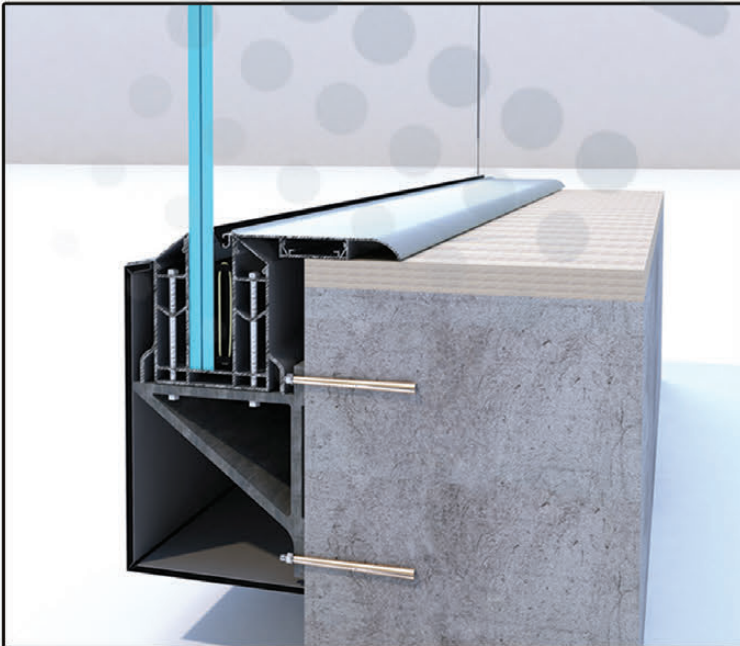
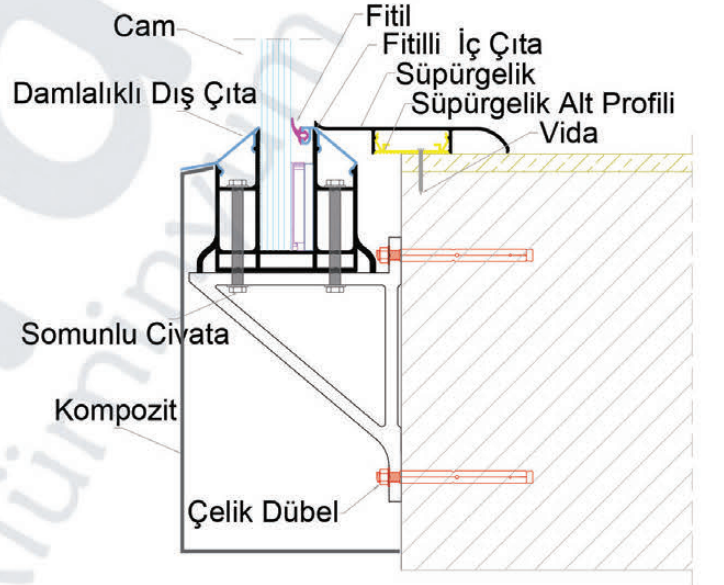




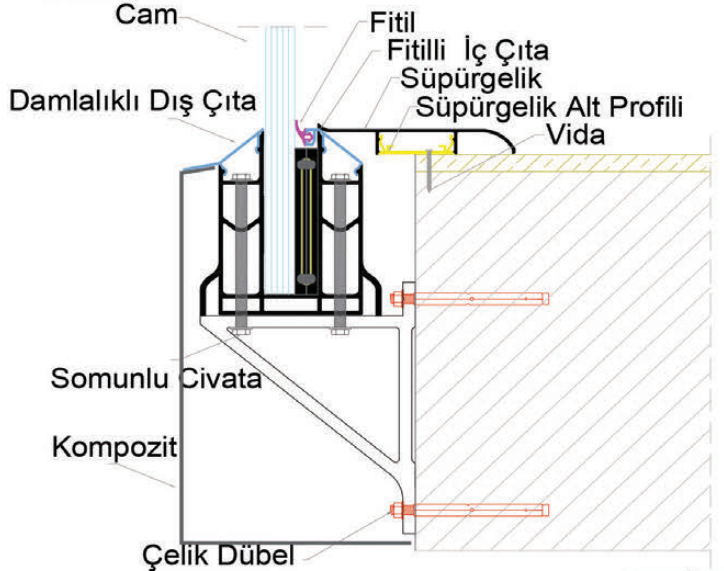
CAM YÜKSEKLİĞİ 80 CM KADAR

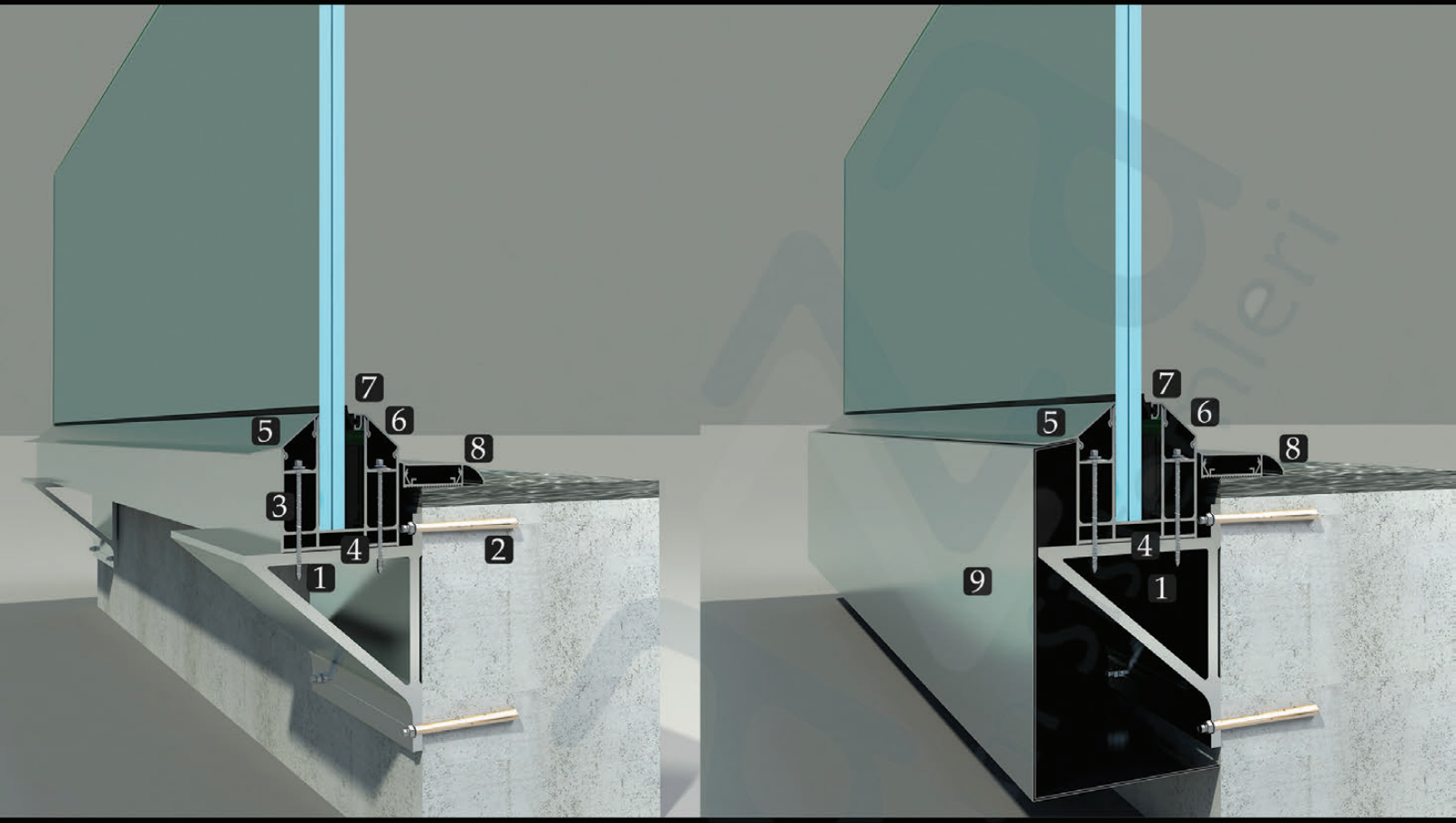


CAM YÜKSEKLİĞİ 120 CM KADAR

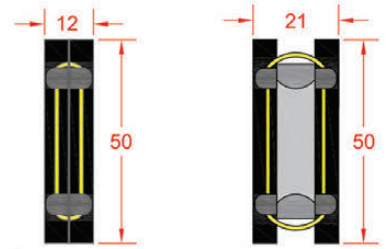
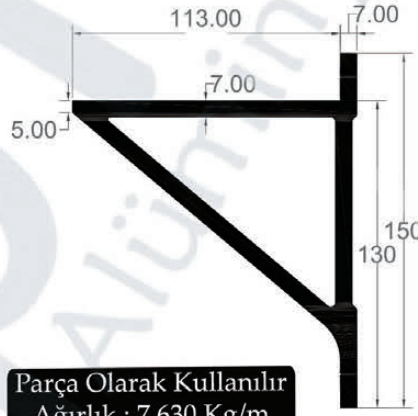


CAM YÜKSEKLİĞİ 160 CM KADAR





- 1 İmbus (Tork Vida)
50 cm ara ile karşılıklı olarak kullanılır.
- 2 Çelik Dübel
- 3 Trapez Vida
- 4 Plastik Sıkıştırma Aparatı
- 5 Damlalıklı Dış Çıta
- 6 Fitilli Damlalıklı İç Çıta
- 7 Fitil (8+8 6+6 camlar için)
- 8 Süpürgelik
- 9 Kompozit veya levha (herhangi bir kaplama)



Sıkıştırma Aparatı Adet / tl



110 mm Süpürgelik
Profil No: 510685/4
Ağırlık: 0,583Kg/m

Cam Boşluğundaki Dolgu Uygulaması

- Cam Boşluğu = 30 mm
Plastik Kama Genişliği = 12 mm
Cam kalınlığı = a
Kompozit veya kompak = x
 $x = 30 - (12 + a)$

NOT

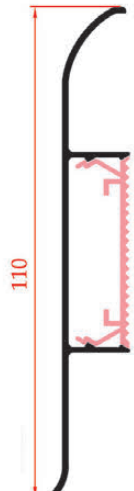
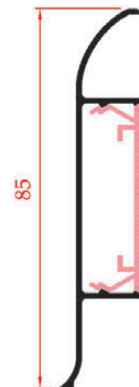
- * Çelik dübel ve imbus vidadan hangisi kullanılacaksa 40-50 cm aralıklarla kullanılır.
- * Sıkıştırma Aparatı ve kompozit 40 - 50 cm aralıkla kullanılır.

65 mm Süpürgelik
Profil No: 1006150/4
Ağırlık: 0,375Kg/m

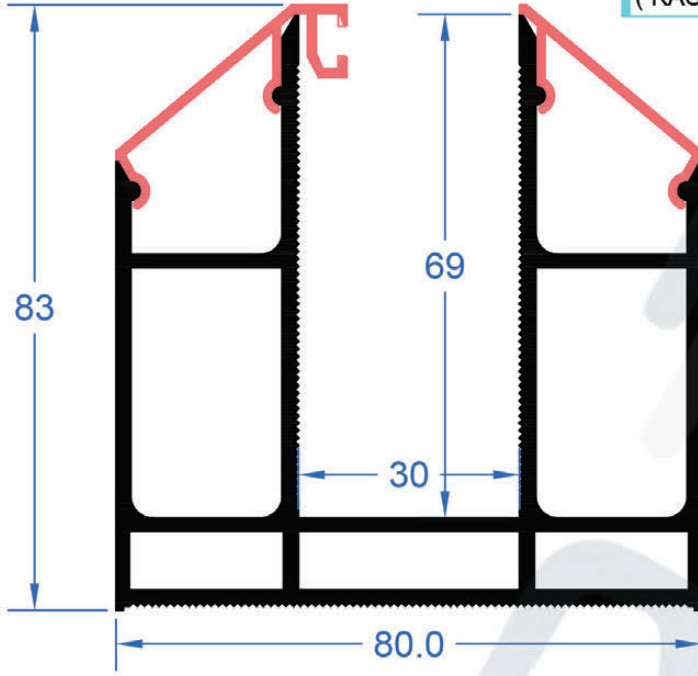


Süpürgelik Arkalığı
Profil No: 510689/4
Ağırlık: 0,286Kg/m

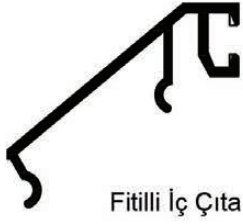
85 mm Süpürgelik
Profil No: 1006149/4
Ağırlık: 0,446Kg/m



YAKLAŞIK TOPLAM SİSTEM AĞIRLIĞI : 3,000 m/t
(KASA VE 2 ÇITA)



Prf. No: 490639
Ağırlık: 2,510 Kg/m



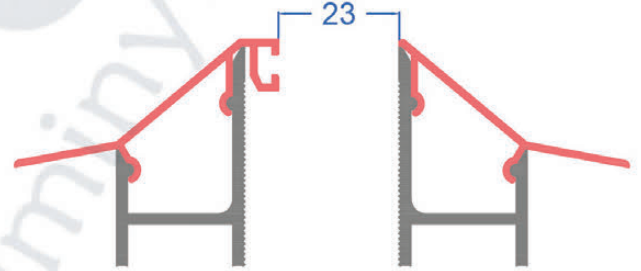
Fitilli İç Çita

Profil No: 470651
Ağırlık: 0,232 Kg/m



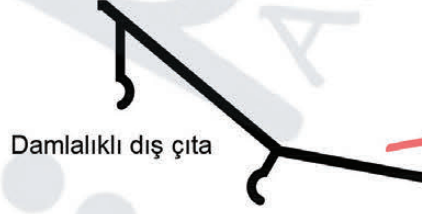
Dış çita

Profil No: 480617
Ağırlık: 0,161 Kg/m



Fitilli Damlalı İç Çita

Profil No: 000000
Ağırlık: 0,295 Kg/m



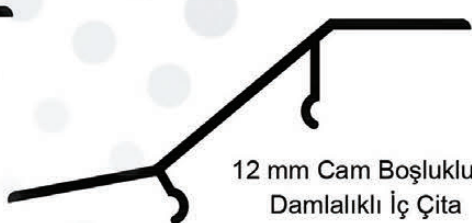
Damlalı dış çita

Profil No: 480686
Ağırlık: 0,228 Kg/m



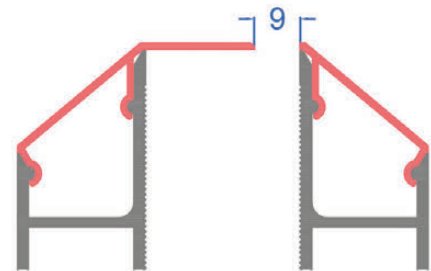
12 mm Cam Boşluklu İç Çita

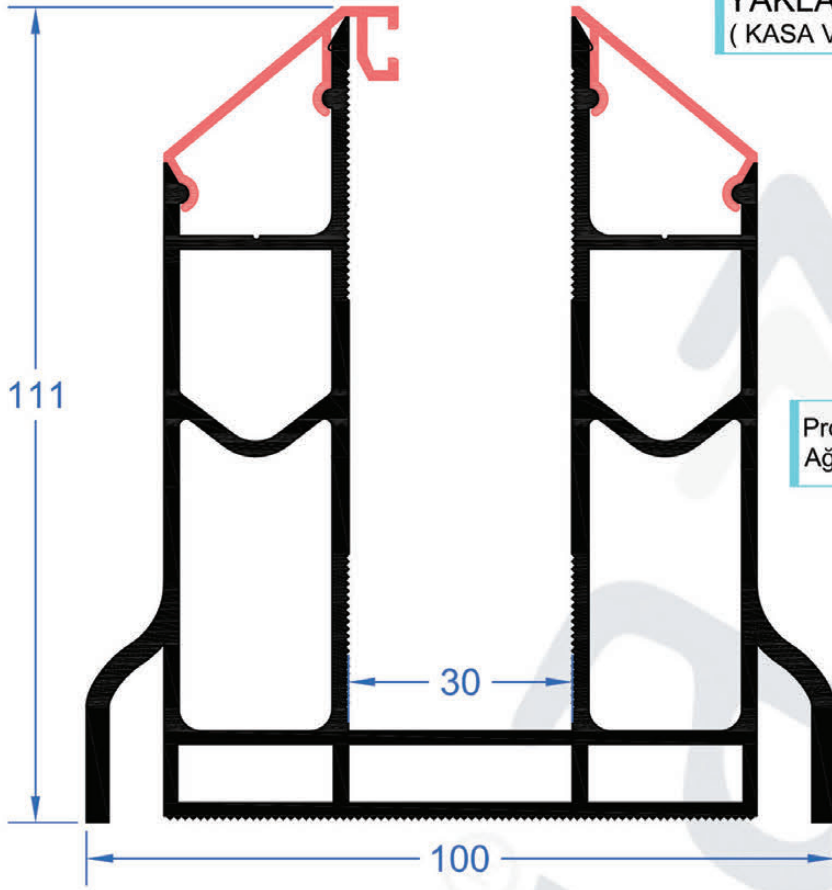
Profil No: 480687
Ağırlık: 0,220 Kg/m



12 mm Cam Boşluklu Damlalı İç Çita

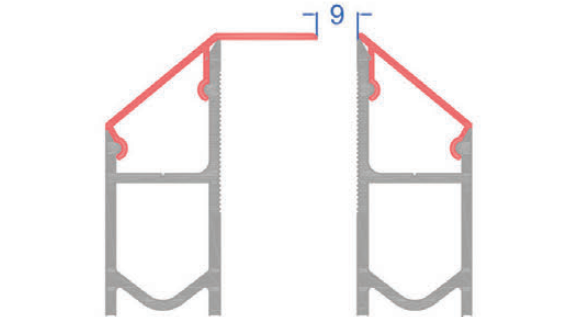
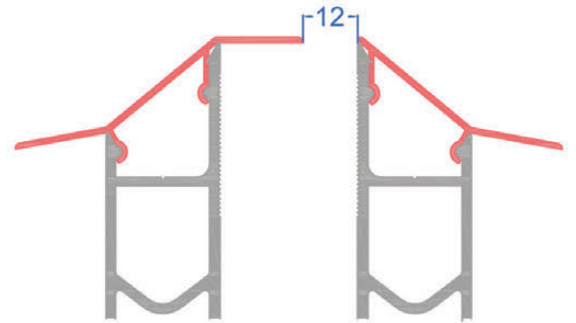
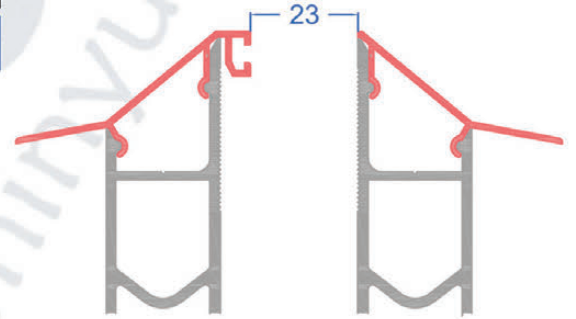
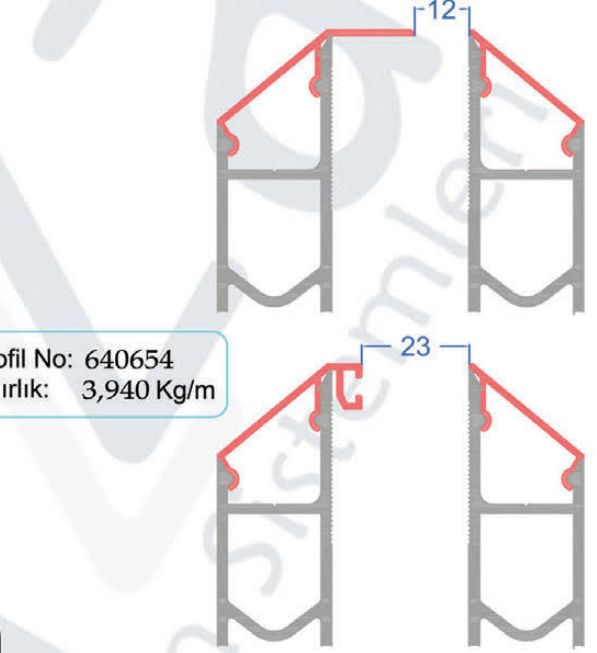
Profil No: 480685
Ağırlık: 0,285 Kg/m





YAKLAŞIK TOPLAM SİSTEM AĞIRLIĞI :4,470 Kg/m
(KASA VE 2 ÇITA)

Profil No: 640654
Ağırlık: 3,940 Kg/m



Fitilli İç Çita

Profil No: 470651
Ağırlık: 0,232 Kg/m

Dış çita

Profil No: 480617
Ağırlık: 0,161 Kg/m

Fitilli Damlalıklı İç Çita

Profil No: 000000
Ağırlık: 0,295 Kg/m

Damlalıklı dış çita

Profil No: 480686
Ağırlık: 0,228 Kg/m

12 mm Cam Boşluklu
İç Çita

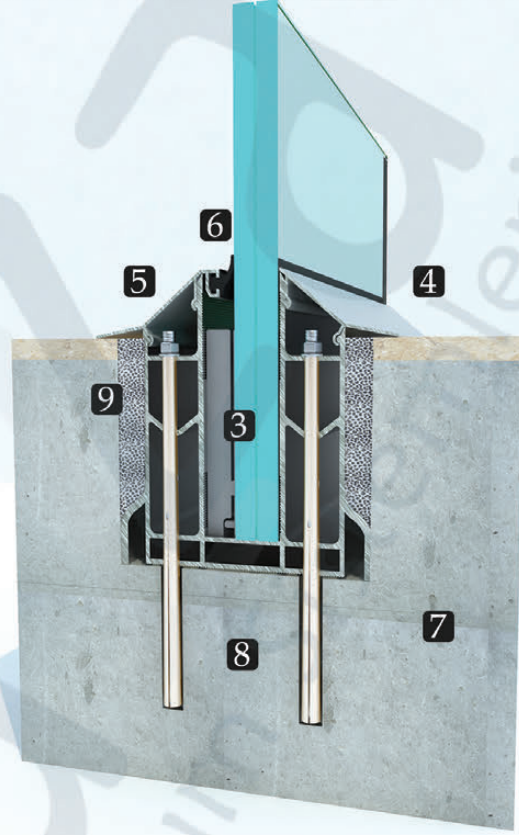
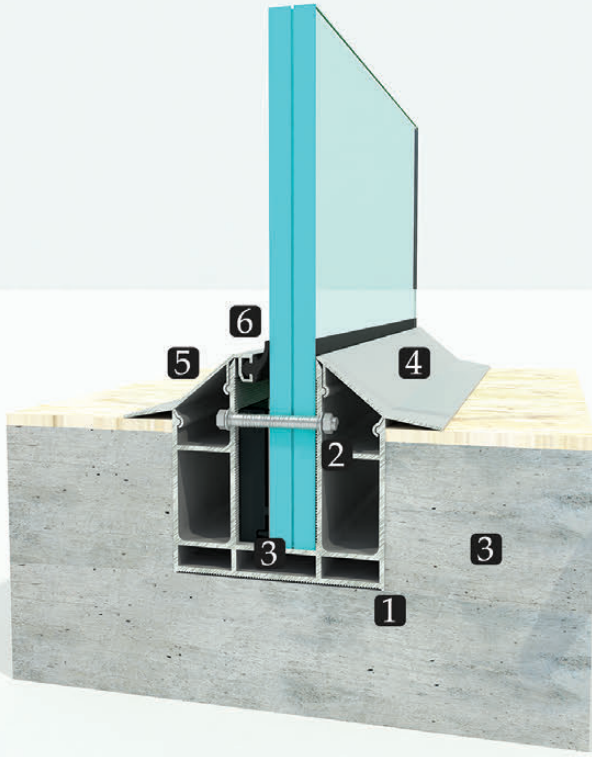
Profil No: 480687
Ağırlık: 0,220 Kg/m

12 mm Cam Boşluklu
Damlalıklı İç Çita

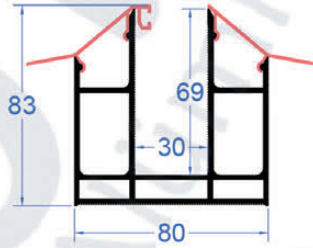
Profil No: 480685
Ağırlık: 0,285 Kg/m

CAM YÜKSEKLİĞİ **120** CM KADAR

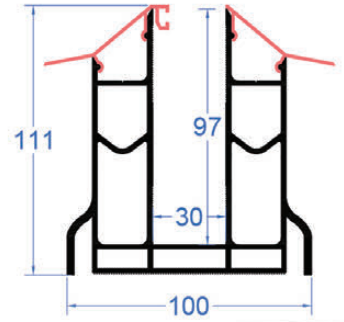
CAM YÜKSEKLİĞİ **160** CM KADAR



- 1 H Yüksekliği 120 cm Kadar
- 2 Somunlu Civata
- 3 Plastik Sıkıştırma Kaması
- 4 Damlalıklı Dış Çıta
- 5 Fitilli Damlalıklı İç Çıta
- 6 Fitil (8+8 6+6 camlar için)
- 7 H Yüksekliği 160 cm Kadar
- 8 Çelik Dübel
- 50 cm ara ile karşılıklı olarak kullanılır.
- 9 Silikon

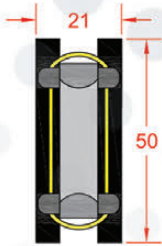
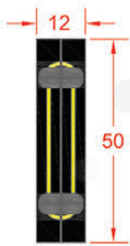


TAKRİBİ SİSTEM AĞIRLIĞI
Ağırlık : 3,040 Kg/m



TAKRİBİ SİSTEM AĞIRLIĞI
Ağırlık : 4,470 Kg/m

MONTAJ DETAYLARI 43-44. sayfada



Sıkıştırma Aparatı Adet / tl

SOMUNLU CİVATA

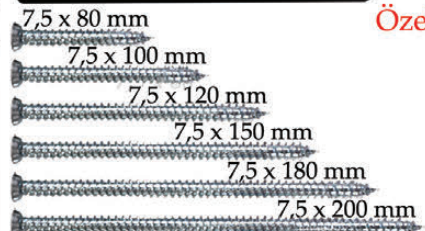


DÜBEL

Çekme Dübel



İMBUS VİDA



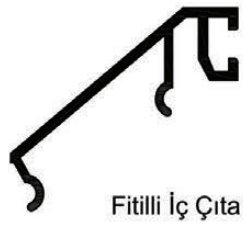
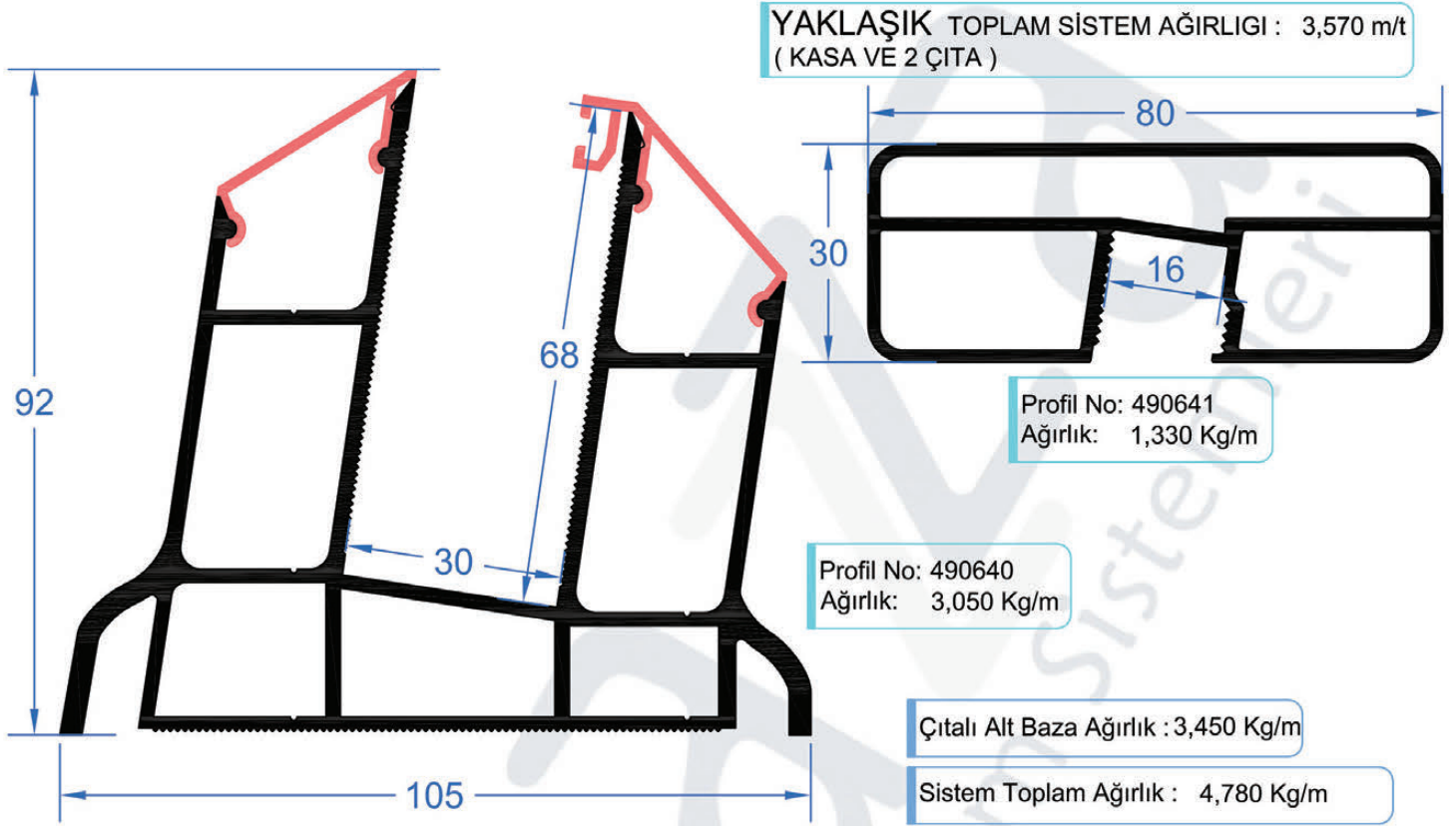
Özel Dübel

Cam Boşluğundaki Dolgu Uygulaması

Cam Boşluğu = 30 mm
Plastik Kama Geniřlięi = 12 mm
Cam Kalınlıęı = a
Kompozit veya kompak = x
 $x = 30 - (12 + a)$

NOT

* Çelik dübel ve imbus vidadan hangisi kullanılacaksa 40-50 cm aralıklarla kullanılır.
* Sıkıştırma Aparatı ve kompozit 40 - 50 cm aralıkla kullanılır.



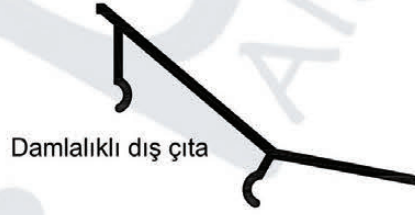
Profil No: 470651
Ağırlık: 0,232 Kg/m



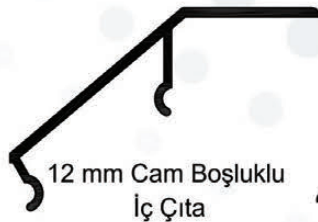
Profil No: 480617
Ağırlık: 0,161 Kg/m



Profil No: 000000
Ağırlık: 0,295 Kg/m



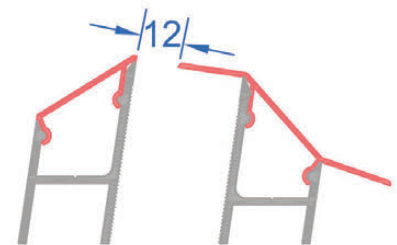
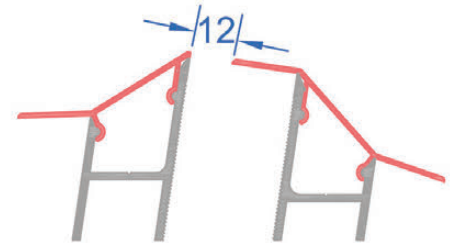
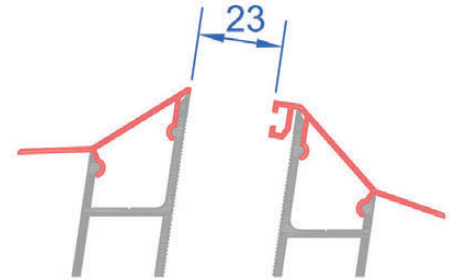
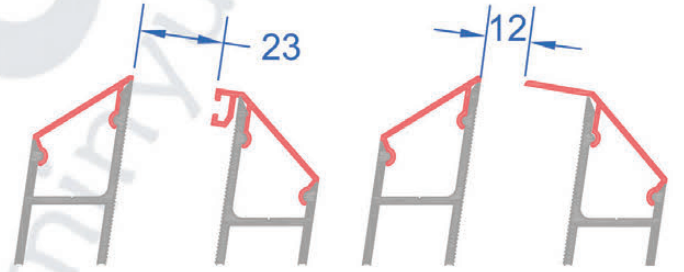
Profil No: 480686
Ağırlık: 0,228 Kg/m

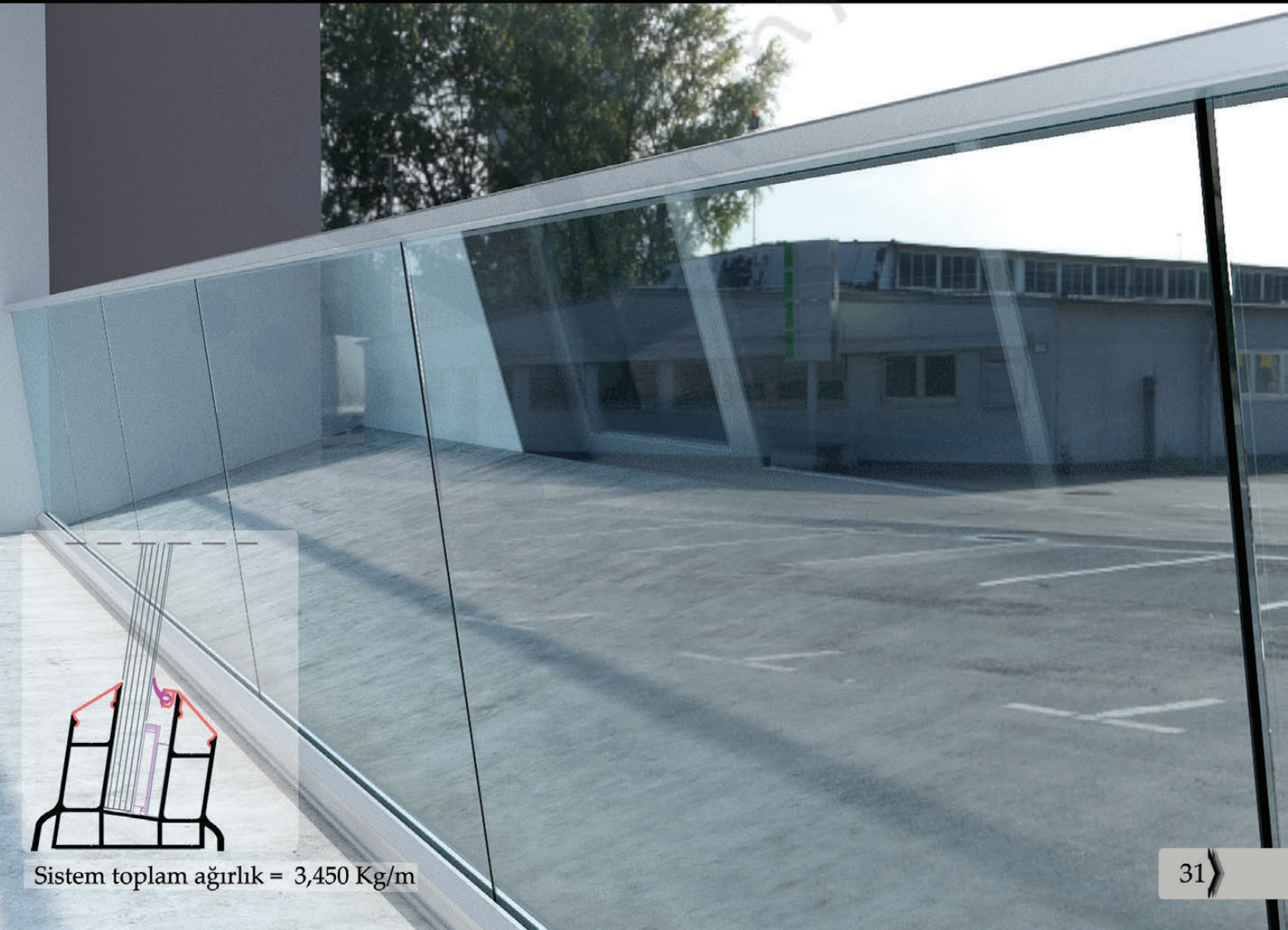
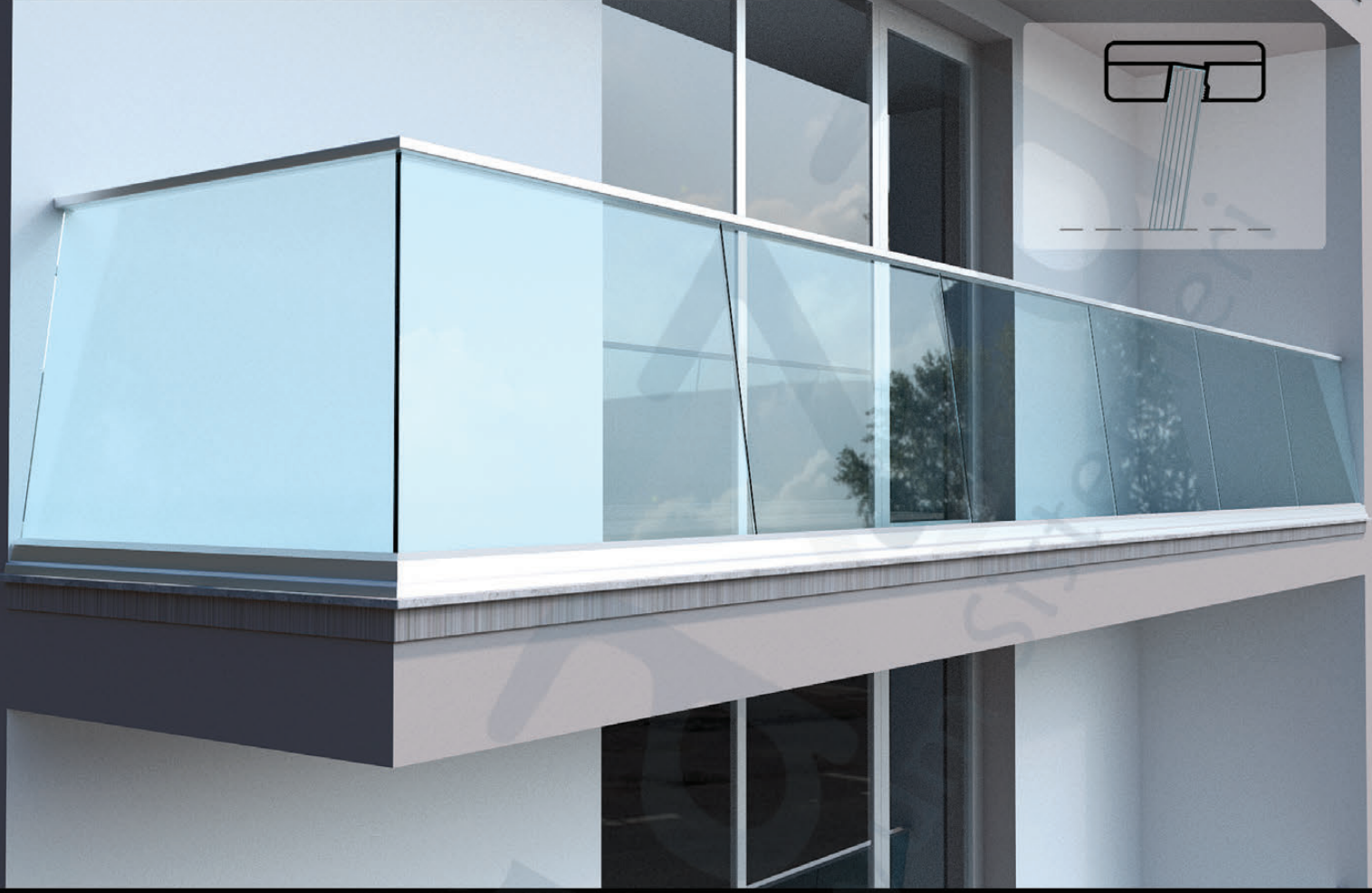


Profil No: 480687
Ağırlık: 0,220 Kg/m

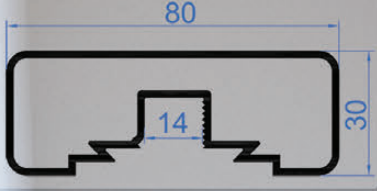


Profil No: 480685
Ağırlık: 0,285 Kg/m

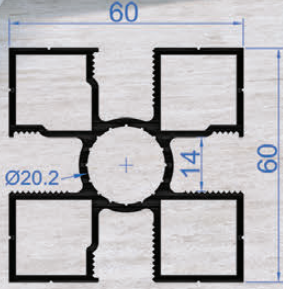




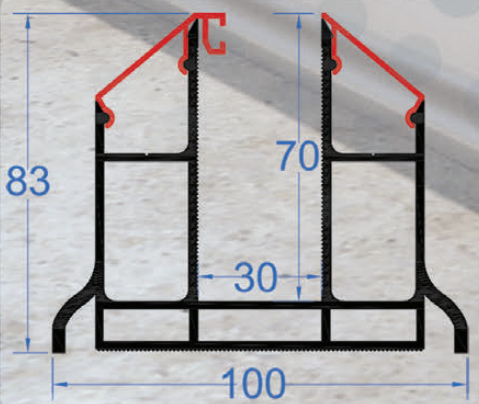
Sistem toplam ağırlık = 3,450 Kg/m



Profil No: 640646
Ağırlık: 1,093 Kg/m

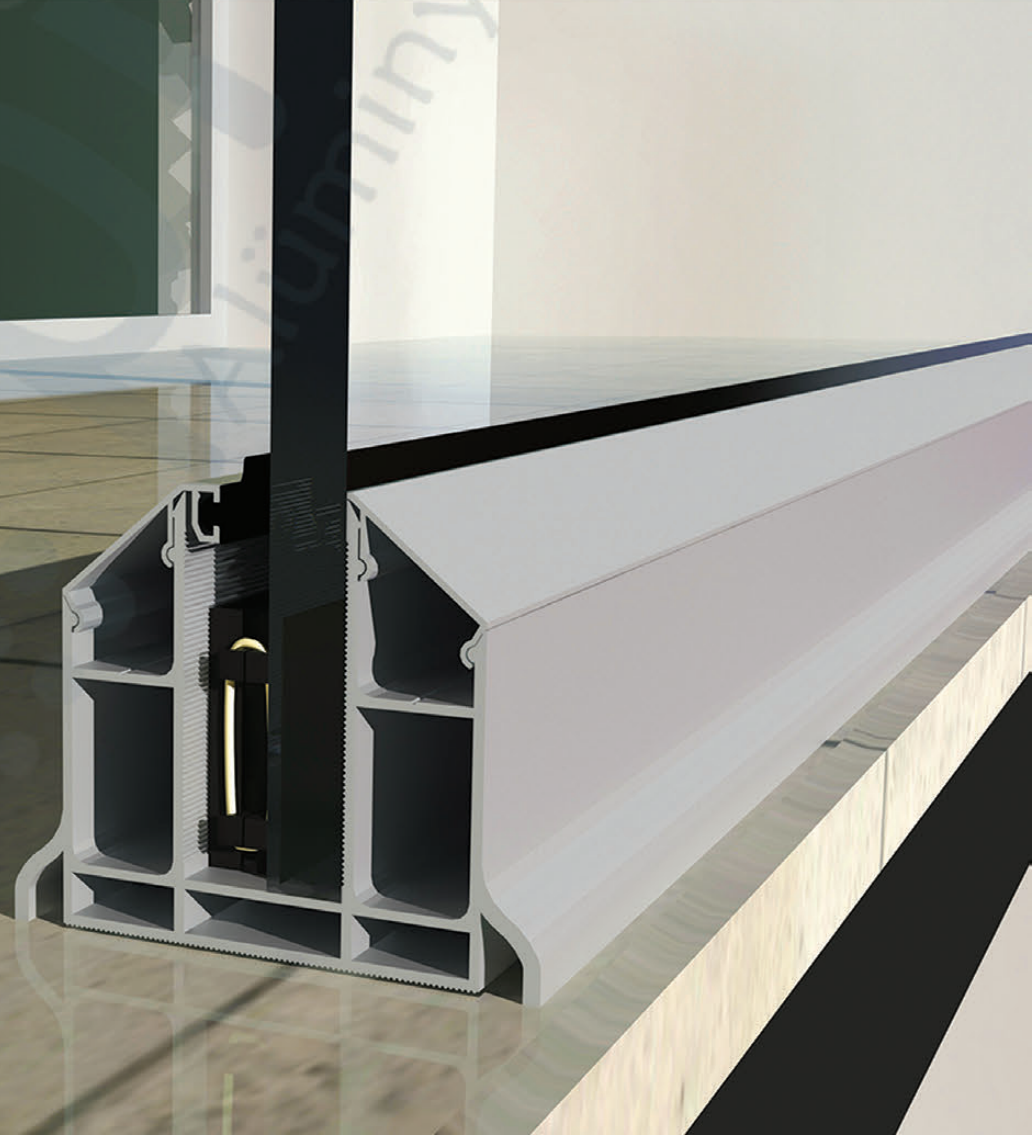
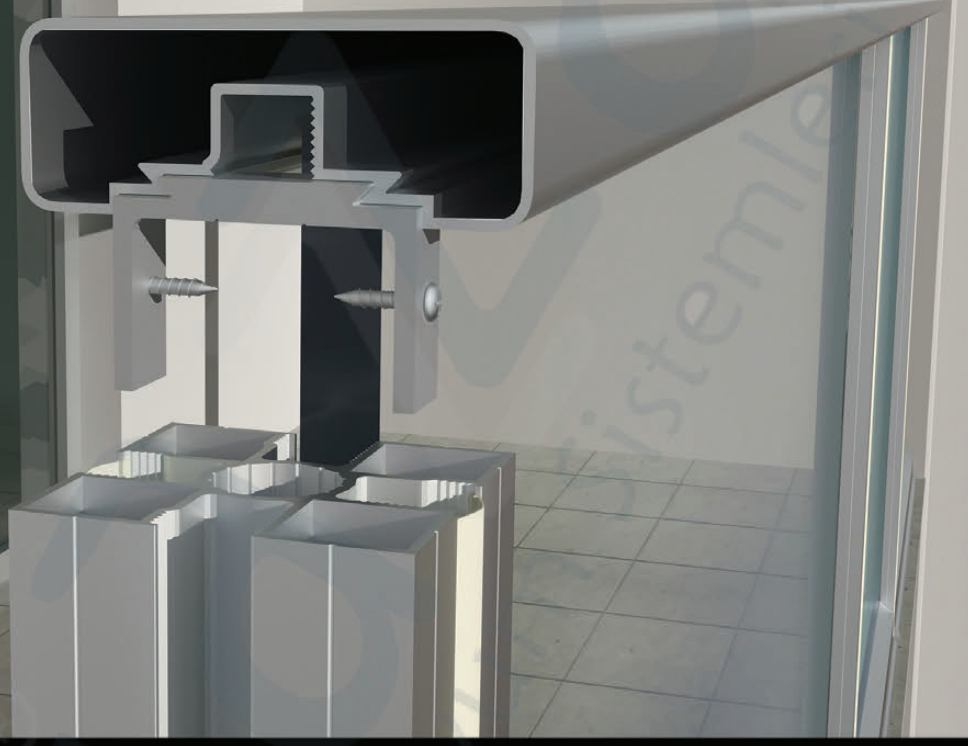


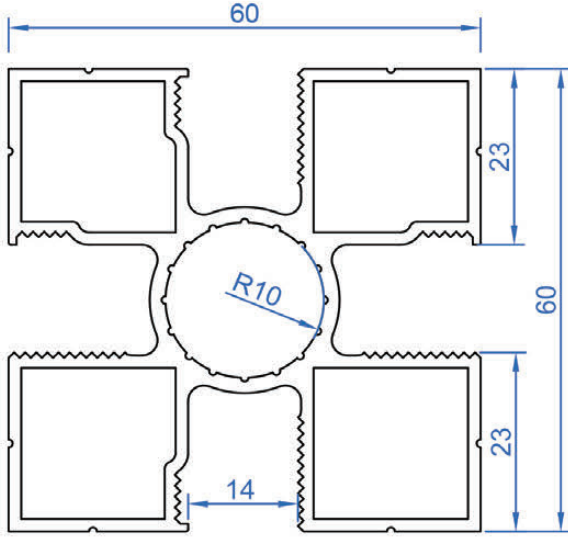
Profil No: 640645
Ağırlık: 1,849 Kg/m



Profil No: 460601
Ağırlık: 2,836 Kg/m



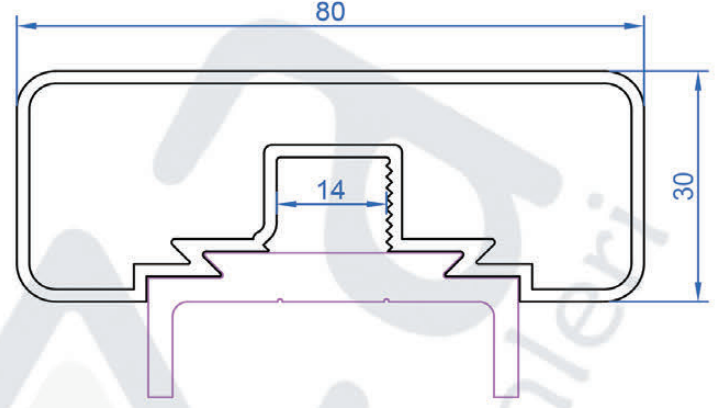




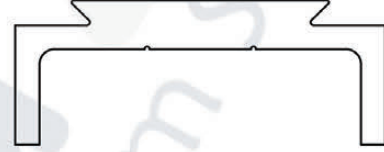
Profil No: 640645
Ağırlık: 1,849 Kg/m



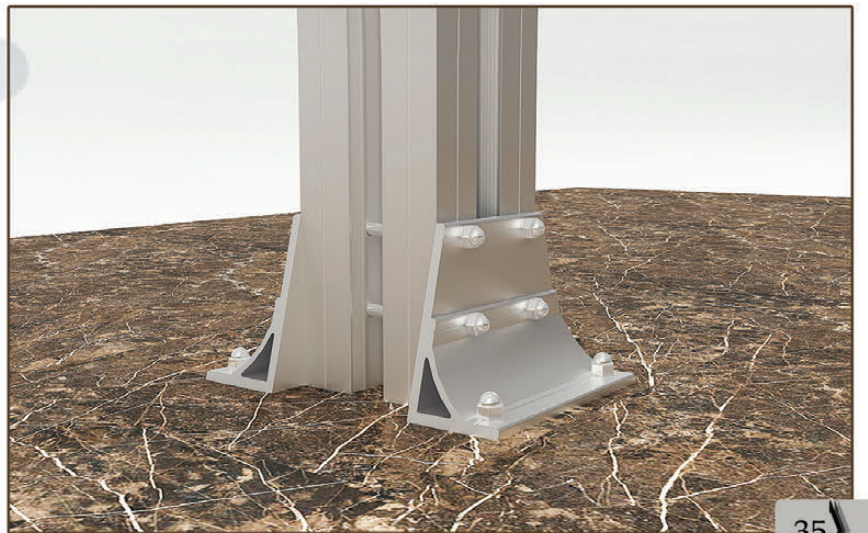
Profil No 1406584
Gr / m 0,365 Kg/m

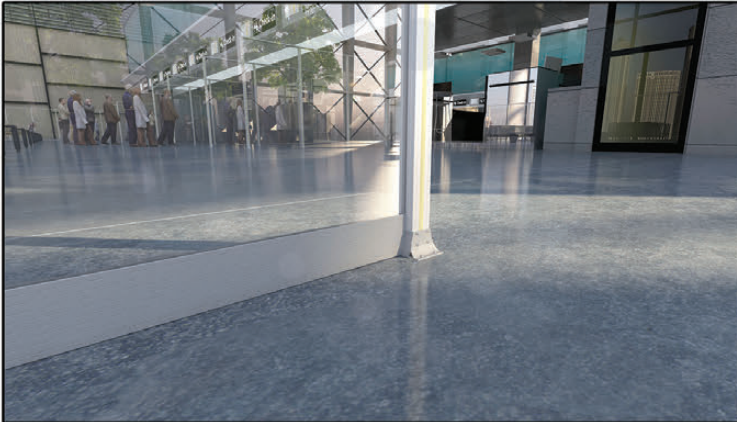
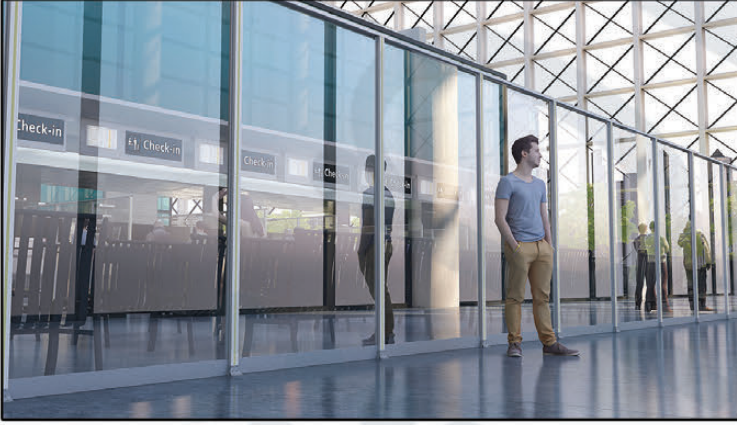


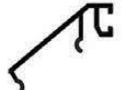
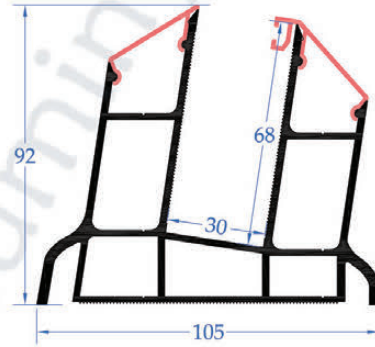
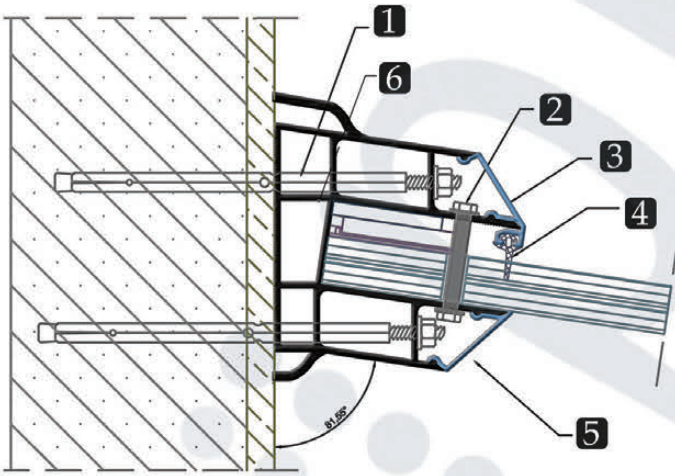
Profil No: 640646
Ağırlık: 1,093 Kg/m



ZIVANA
ADET / TL







Fitilli İç Çıta

Profil No : 470651
Ağırlık : 0,232 Kg/mt

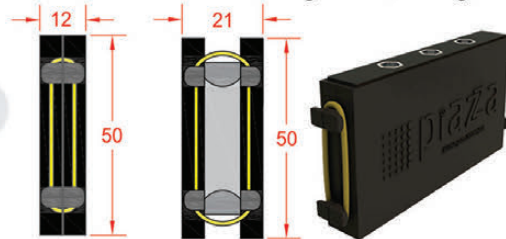


Dış Çıta

Profil No : 480617
Ağırlık : 0,161 Kg/mt

Açılı Baza

Profil No : 490640
Ağırlık : 3,050 Kg/mt



Sıkıştırma Aparatı Adet / TL

1 10 luk Çelik Dübel

40-50 cm ara ile karşılıklı olarak kullanılır.

2 Somunlu Civata KESİN kullanılmalı .

3 Fitilli İç Çıta

4 Fitil

5 Dış çıta

6 Sıkıştırma aparatı

Cam Boşluğundaki Dolgu Uygulaması

Cam Boşluğu = 30 mm

Plastik Kama Genişliği = 12 mm

Cam kalınlığı = a

Kompozit veya kompak = x

$x = 30 - (12 + a)$

NOT

* Çelik dübel ve imbus vidadan hangisi kullanılacaksa 40-50 cm aralıkla karşılıklı kullanılır.

* Sıkıştırma Aparatı ve kompozit 40 - 50 cm aralıkla kullanılır.

ÇELİK DÜBEL

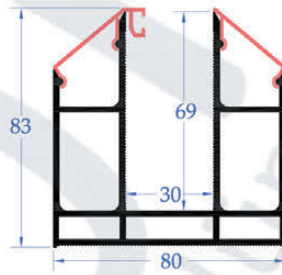
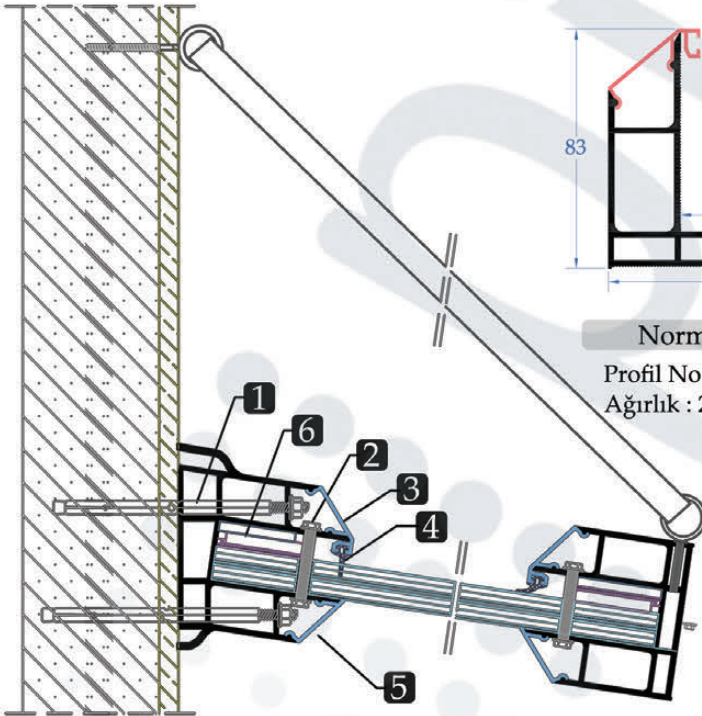


Çekme Dübel

Özel Dübel

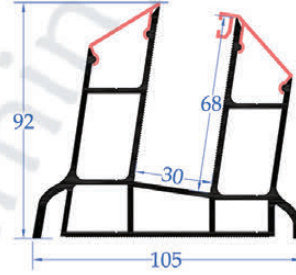
SOMUNLU CİVATA





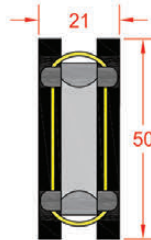
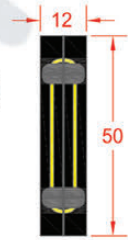
Normal baza

Profil No : 490639
Ağırlık : 2,510 Kg/mt



Açılı Baza

Profil No : 490640
Ağırlık : 3,050 Kg/mt



Sıkıştırma Aparatı Adet / TL



Fitilli İç Çıta
Profil No : 470651
Ağırlık : 0,232 Kg/mt



Dış Çıta
Profil No : 480617
Ağırlık : 0,161 Kg/mt

ÇELİK DÜBEL

Çekme Dübel



Özel Dübel

SOMUNLU CİVATA

Cam Boşluğundaki Dolgu Uygulaması

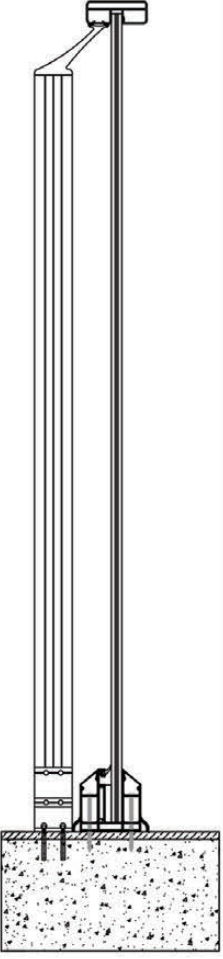
Cam Boşluğu = 30 mm
Plastik Kama Genişliği = 12 mm
Cam kalınlığı = a
kompozit veya kompak = x
 $x = 30 - (12 + a)$

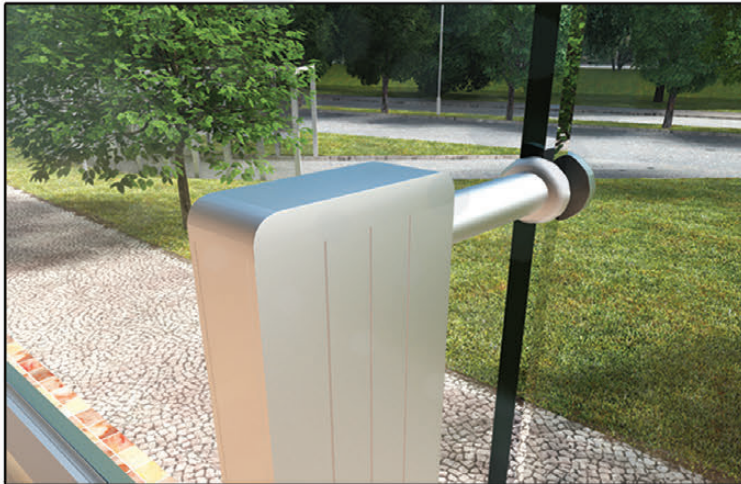
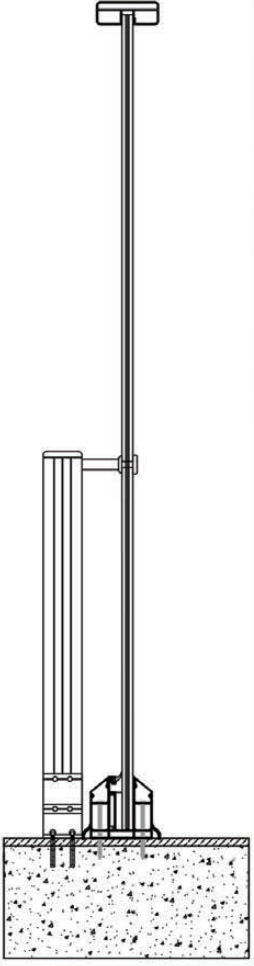
NOT

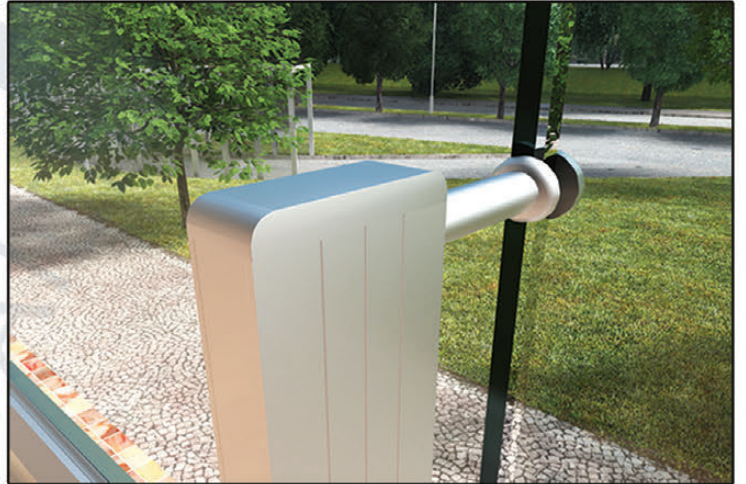
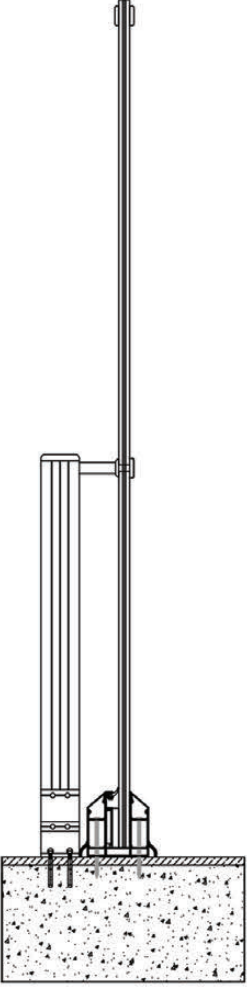
* Çelik dübel ve imbus vidadan hangisi kullanılacaksa 40-50 cm aralıkla karşılıklı kullanılır.
* Sıkıştırma Aparatı ve kompozit 40 - 50 cm aralıkla kullanılır.

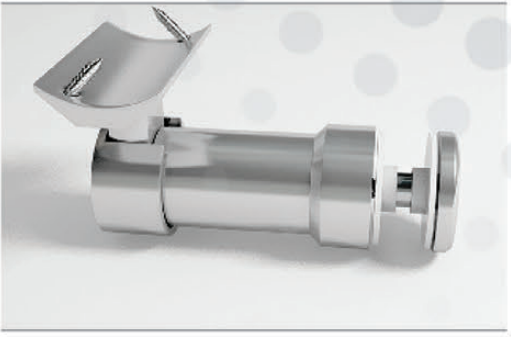
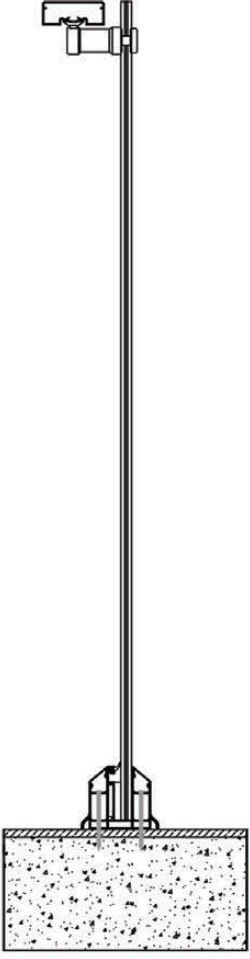
1 10 luk Çelik Dübel
40-50 cm ara ile karşılıklı olarak kullanılır.

- 2 Somunlu Civata
- 3 Fitilli İç Çıta
- 4 Fitil 8+8 6+6 camlar için
- 5 Dış çıta
- 6 Sıkıştırma Kaması





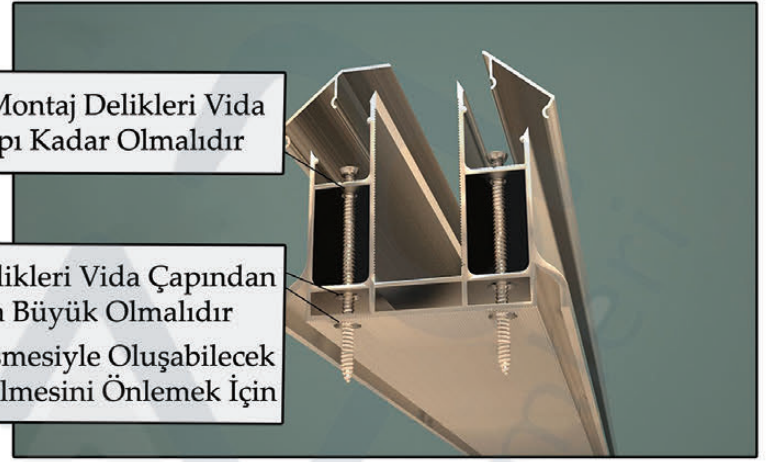






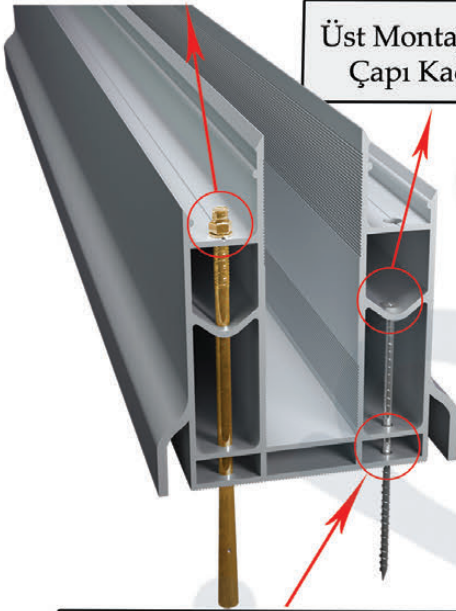
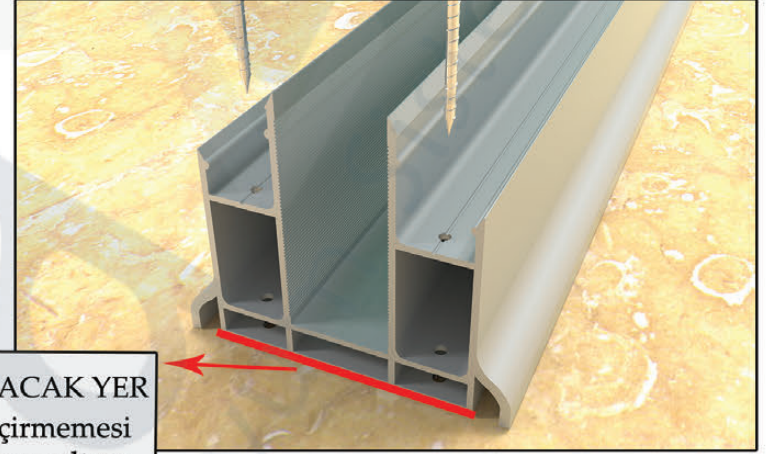
Üst Montaj Delikleri Vida Çapı Kadar Olmalıdır

Alt Montaj Delikleri Vida Çapından 4 mm Daha Büyük Olmalıdır
Profilin Genleşmesiyle Oluşabilecek Vidaların Kesilmesini Önlemek İçin



Üst Montaj Delikleri Vida Çapı Kadar Olmalıdır

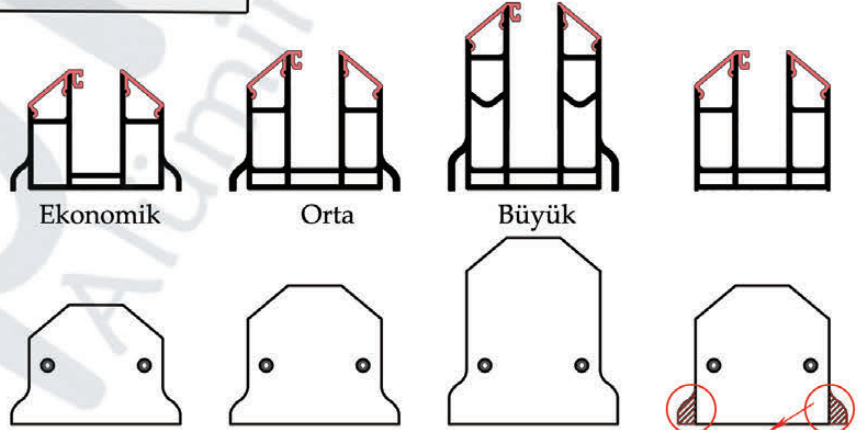
Üst Montaj Delikleri Dübel Çapı Kadar Olmalıdır



Üst Montaj Delikleri Vida Çapı Kadar Olmalıdır

SİLİKON SIKILACAK YER
Sistemin su geçirmemesi istendiğinde baza altına silikon sıkılmalıdır.

Alt Montaj Delikleri Vida Çapından 4 mm Daha Büyük Olmalıdır
Profilin Genleşmesiyle Oluşabilecek Vidaların Kesilmesini Önlemek İçin



Ekonomik

Orta

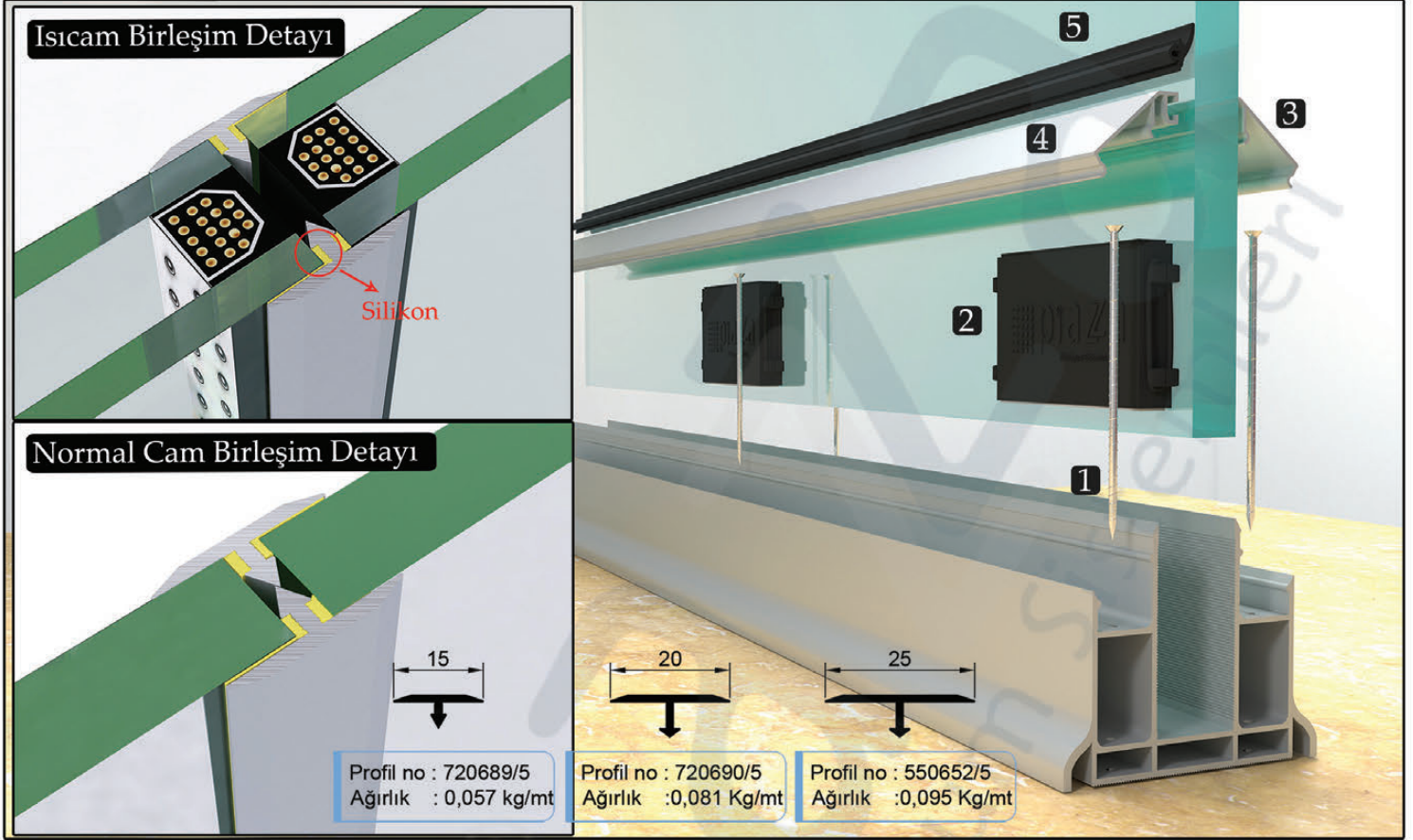
Büyük

120' lik plastik kapak kesilecek kısım

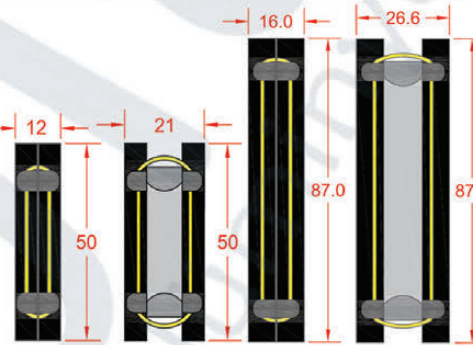
90° DÖNÜŞ

PLASTİK KAPAK





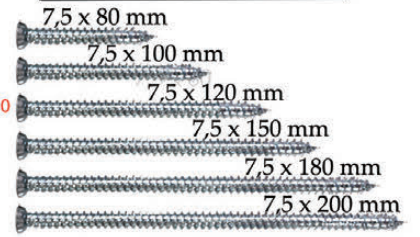
- 1 İmbus (Tork Vida)
40-50 cm ara ile karşılıklı olarak kullanılır.
- 2 Sıkıştırma Aparatı
40-50 cm ara ile karşılıklı olarak kullanılır.
- 3 Dış Çita
- 4 Fitilli iç çita
- 5 Fitil (8+8 6+6 camlar için)



SOMUNLU CİVATA



İMBUS VİDA



ÇELİK DÜBEL

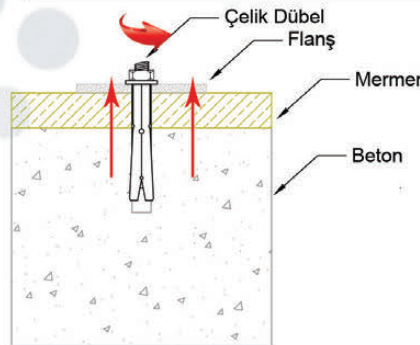


Cam Boşluğundaki Dolgu Uygulaması

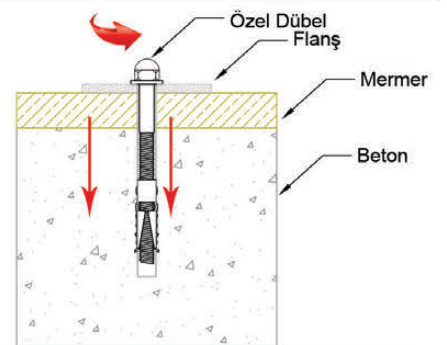
Cam Boşluğu = 30 mm
Plastik Kama Genişliği = 12 mm
Cam Kalınlığı = a
Kompozit veya kompak = x
 $x = 30 - (12 + a)$

NOT

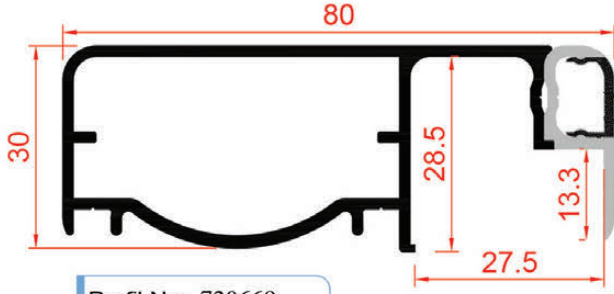
- * Çelik dübel ve imbus vidadan hangisi kullanılacaksa 40-50 cm aralıkla karşılıklı kullanılır.
- * Sıkıştırma Aparatı ve kompozit 40 - 50 cm aralıkla kullanılır.



Mevcutta kullanılan çelik dübel sabitleme işlemi cıvata sabitlenir dübel kovarı genişleyerek kendini yukarı (ok yönünde) çeker ve döşemeyi zayıflatır sisteme zarar verir.



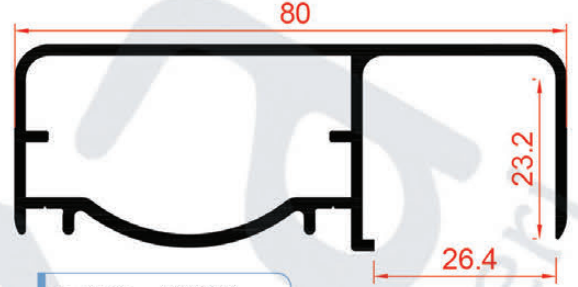
Özel çelik dübel sabitleme işlemi cıvatayı sabitleyerek gerçekleştirilir cıvatanın çevrilmesiyle pim kovarı açılarak beton içinde genişleyerek sistemi aşağı (ok yönünde) çeker.



Profil No: 730669
Ağırlık: 0,858 kg/m

Normal cam Sistem
Toplam Ağırlığı
1,250 kg/m

Isıcam Sistem
Toplam Ağırlığı
1,105 kg/m



Profil No: 000600
Ağırlık: 0,931 kg/m

Normal cam Sistem
Toplam Ağırlığı
1,070 kg/m

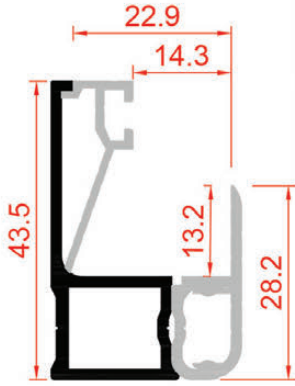
Isıcam Sistem
Toplam Ağırlığı
0,931 kg/m



EPDM ISICAM
FİTİLİ



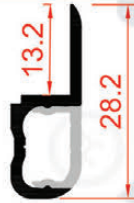
EPDM NORMAL
CAM FİTİLİ



Profil No: 730671
Ağırlık: 0,381 kg/mt

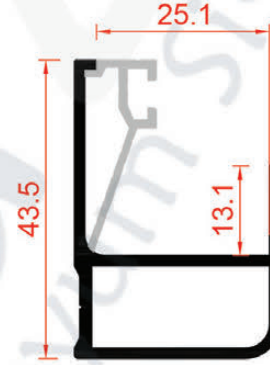
Normal cam Sistem
Toplam Ağırlığı
0,765 kg/m

Isıcam Sistem
Toplam Ağırlığı
0,630 kg/m



Profil No: 730670
Ağırlık: 0,170 kg/m

Profil No: 730666
Ağırlık: 0,076 kg/m



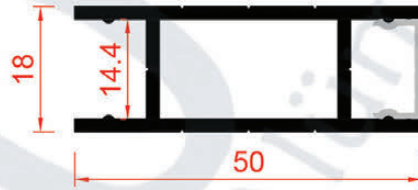
Profil No: 000600
Ağırlık: 0,515 kg/mt

Normal cam Sistem
Toplam Ağırlığı
0,650 kg/m

Isıcam Sistem
Toplam Ağırlığı
0,515 kg/m



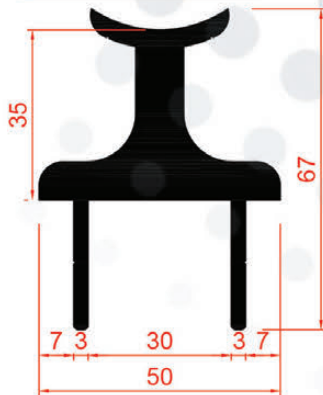
Isıcam'dan Normal
Cama Geçiş Aparatı



Profil No: 730667
Ağırlık: 0,630 kg/m

Profil No: 440631
Ağırlık: 2,144 kg/m
Adet / TL

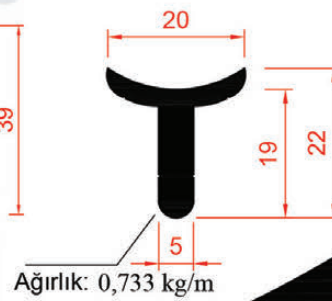
Profil No: TN1841
Ağırlık: 0,135 kg/m



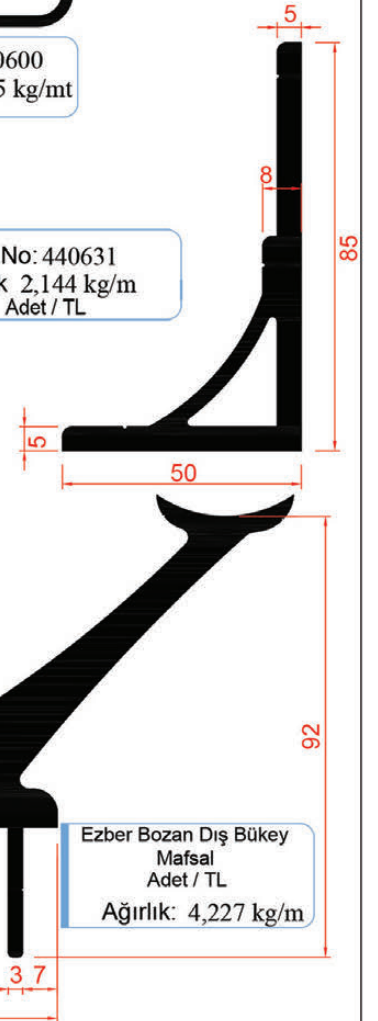
Ezber Bozan Sabit Mafsal
Adet / TL
Ağırlık: 2,566 kg/m



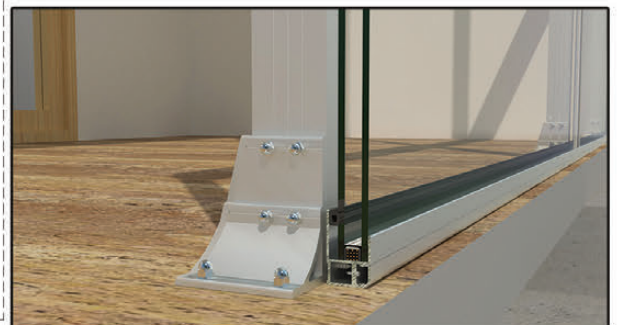
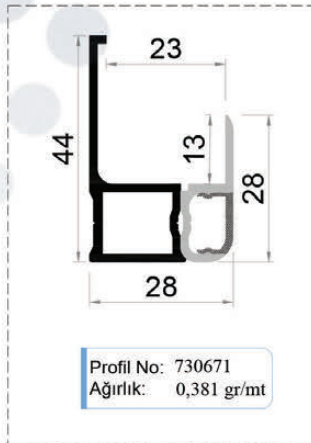
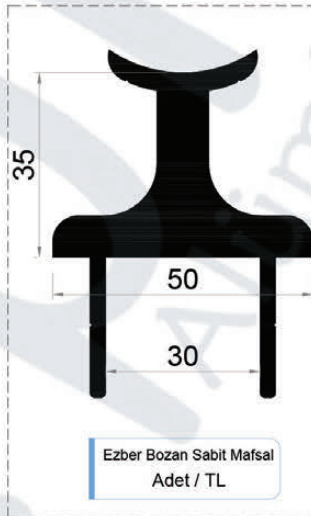
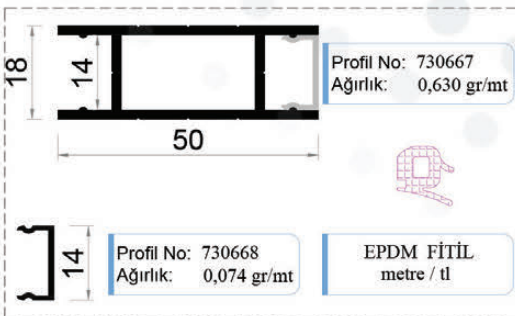
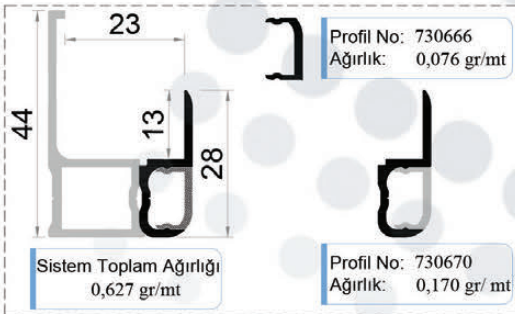
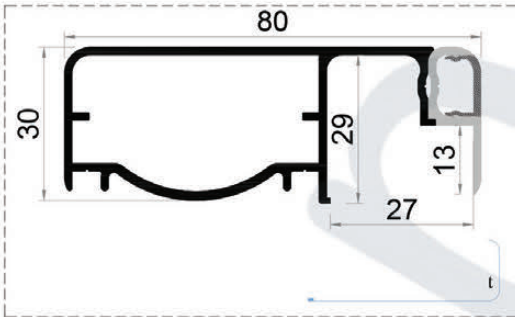
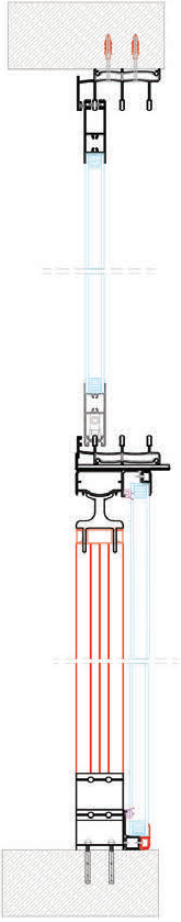
Ezber Bozan Hareketli
Mafsal
Adet / TL
Ağırlık: 2,320 kg/m

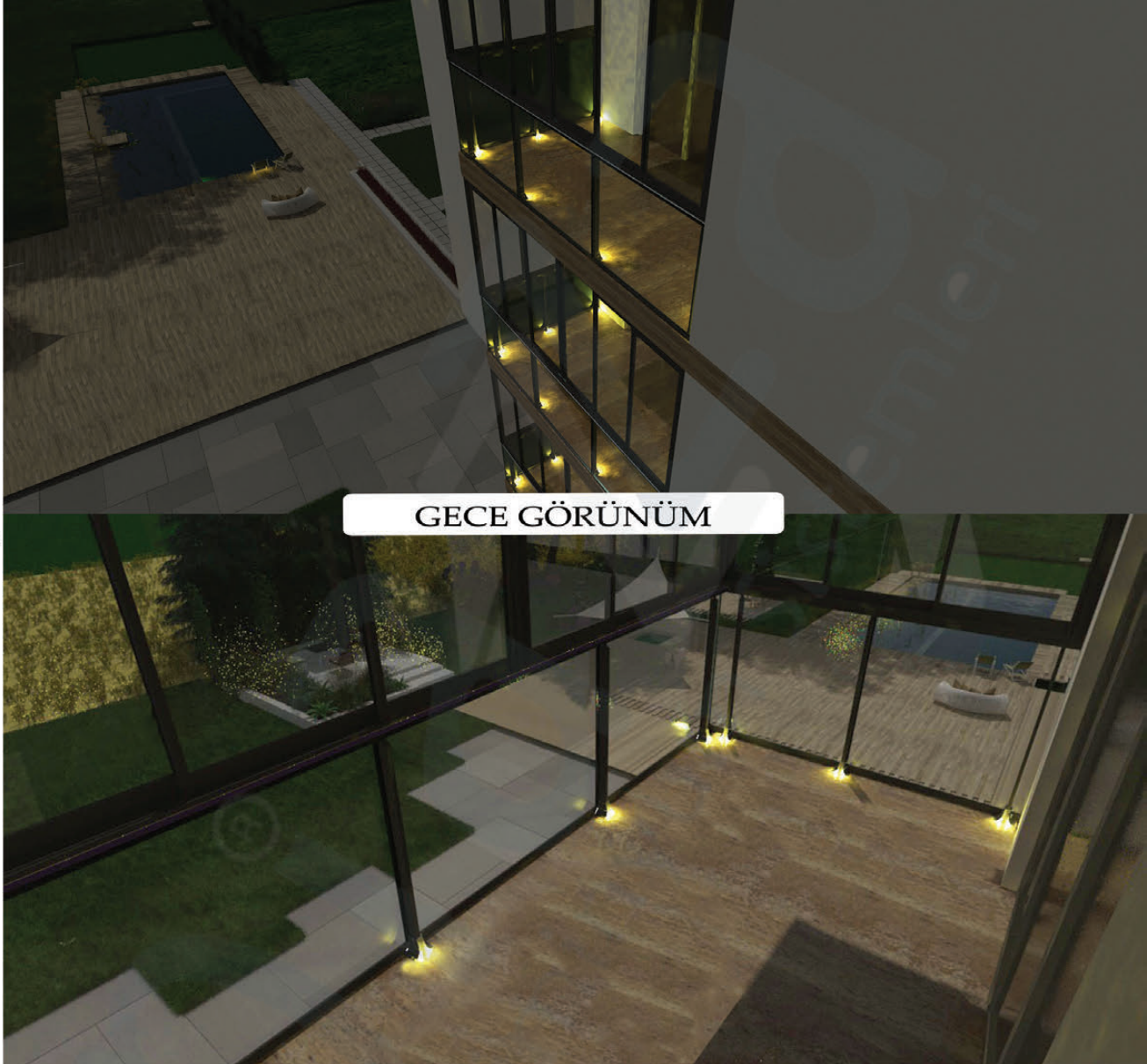
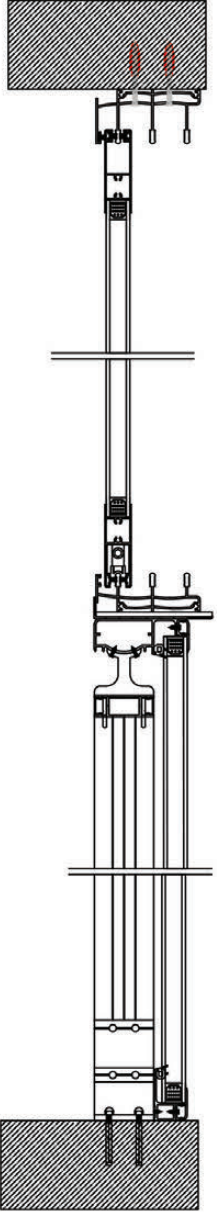


Ağırlık: 0,733 kg/m

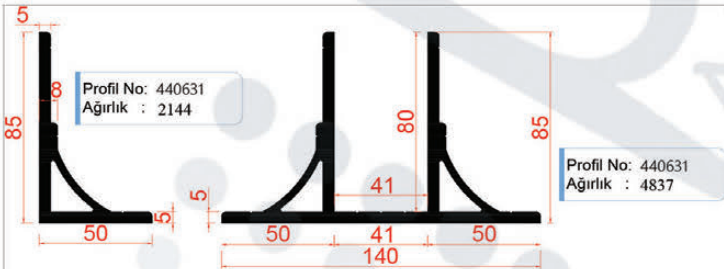


Ezber Bozan Dış Bükey
Mafsal
Adet / TL
Ağırlık: 4,227 kg/m



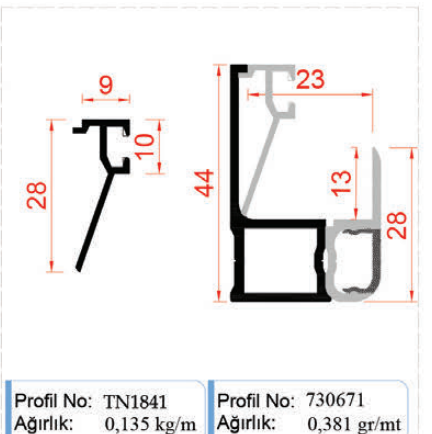
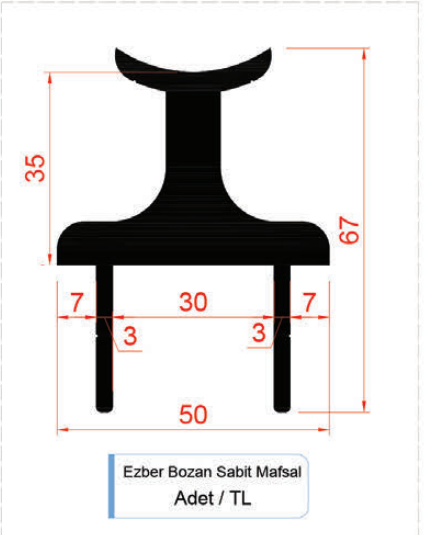
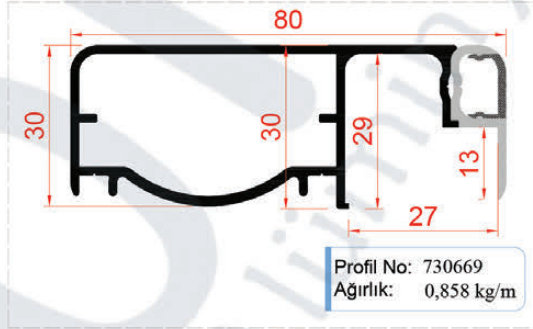
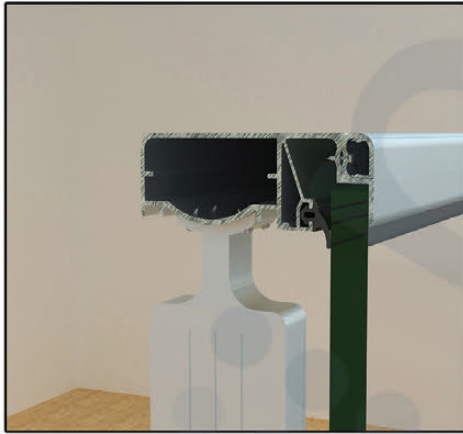
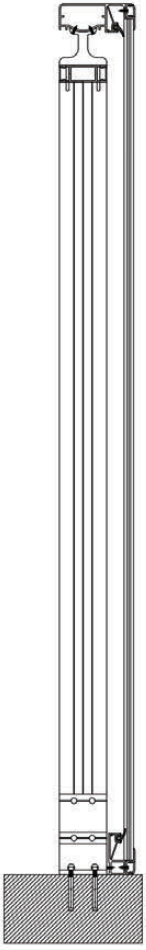


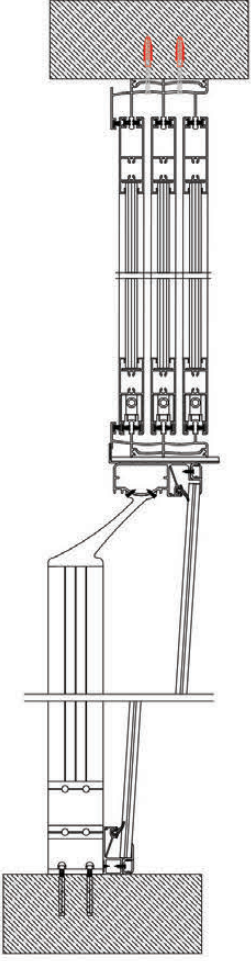
GECE GÖRÜNÜM

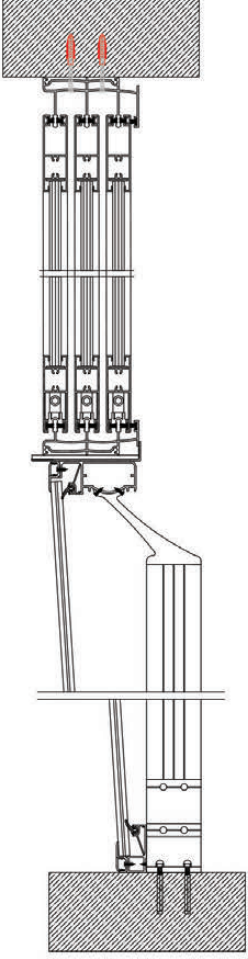


Düz Takım / TL	
Tek Açılı Takım / TL	
Çift Açılı Takım / TL	









EZBER BOZAN AÇILIR KAPANIR MASA



EZBER BOZAN AÇILIR KAPANIR ÇAMAŞIRLIK



ÇİÇEKLİK

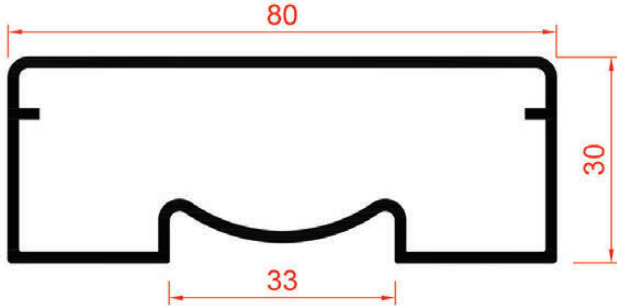


SEDİR- SEHBA

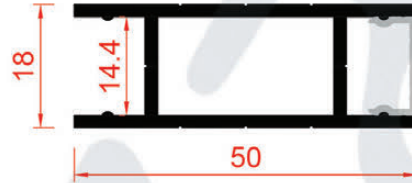


MASA



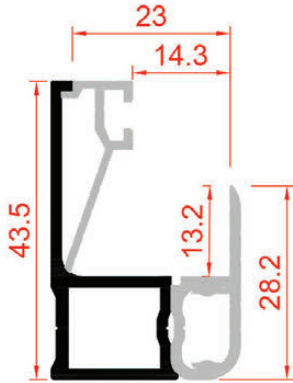


Profil No: TN 154
Ağırlık: 0,951 kg/m

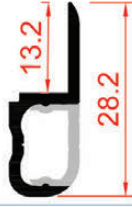


Profil No: 730667
Ağırlık: 0,630 kg/m

Profil No: 730668
Ağırlık: 0,074 kg/m



Profil No: 730671
Ağırlık: 0,381 kg/m



Profil No: 730670
Ağırlık: 0,170 kg/m



Profil No: 730666
Ağırlık: 0,076 kg/m

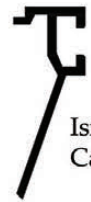
Normal cam Sistem
Toplam Ağırlığı
0,765 kg/m



Profil No: 1006123
Ağırlık: 0,059 kg/m



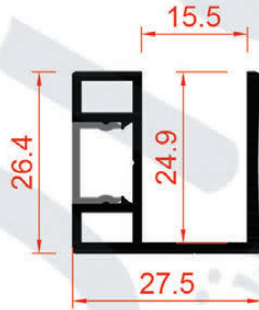
Profil No: 440631
Ağırlık : 2,144 kg/m



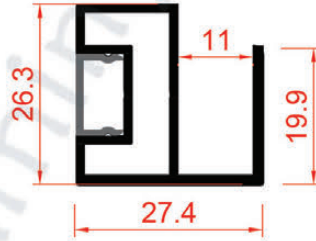
Isıcam 'dan Normal
Cama Geçiş Aparatı



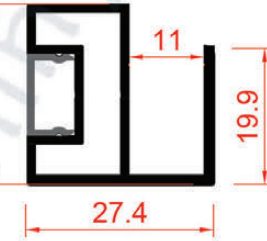
Profil No: TN 1841
Ağırlık: 0,135 kg/m



Profil No: 1506510
Ağırlık: 0,232 kg/m

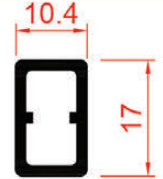


Profil No: 1506533
Ağırlık: 0,425 kg/m

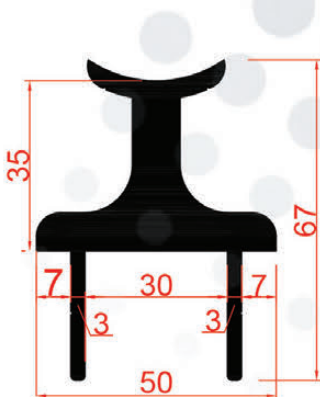


Profil No: 1006300
Ağırlık: 0,435 kg/m

EPDM FİTİL



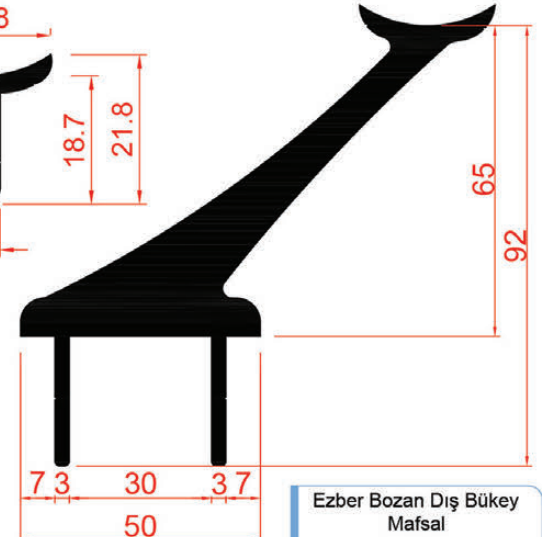
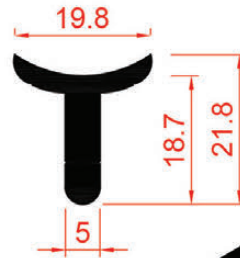
Profil No: 1006124
Ağırlık: 0,208 kg/m



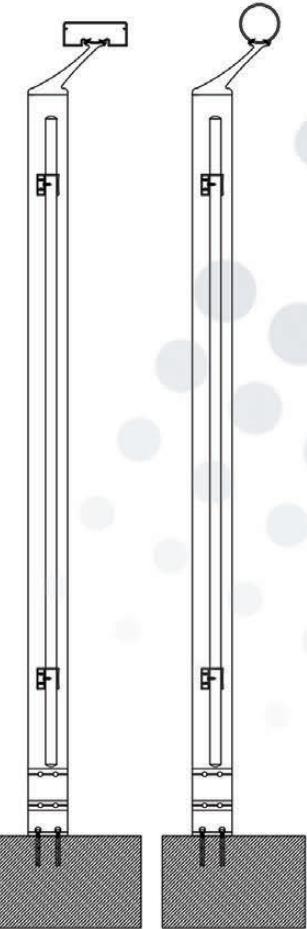
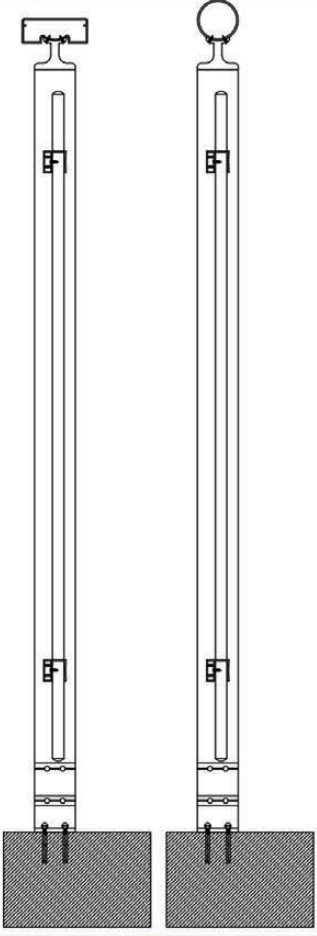
Ezber Bozan Sabit Mafsal
Adet / TL

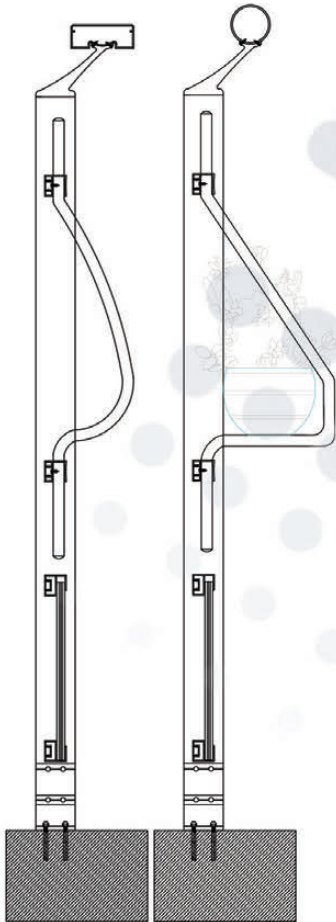
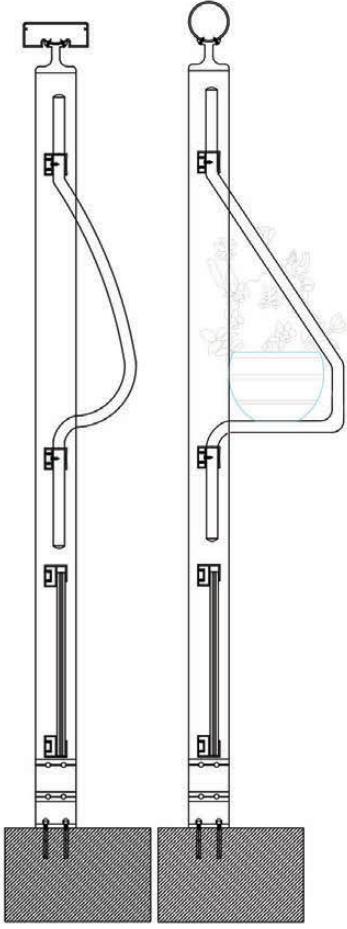


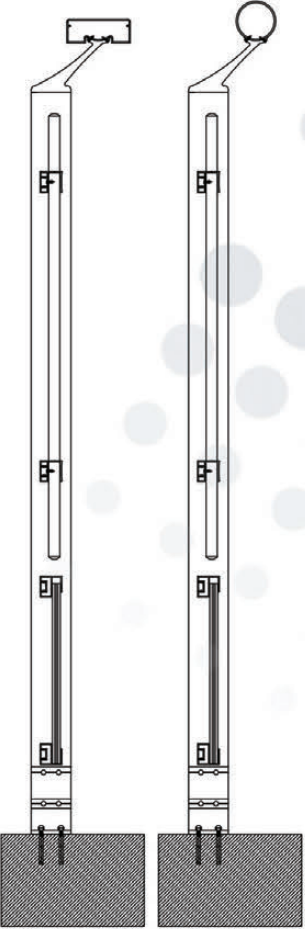
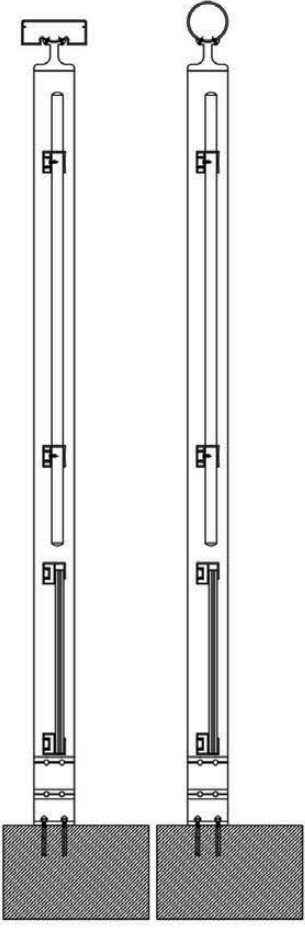
Ezber Bozan Hareketli
Mafsal
Adet / TL

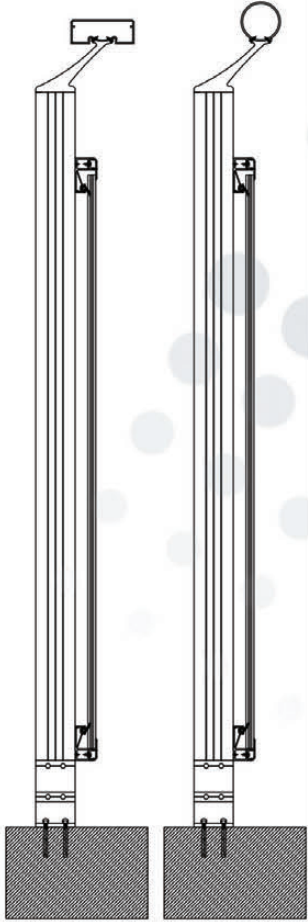
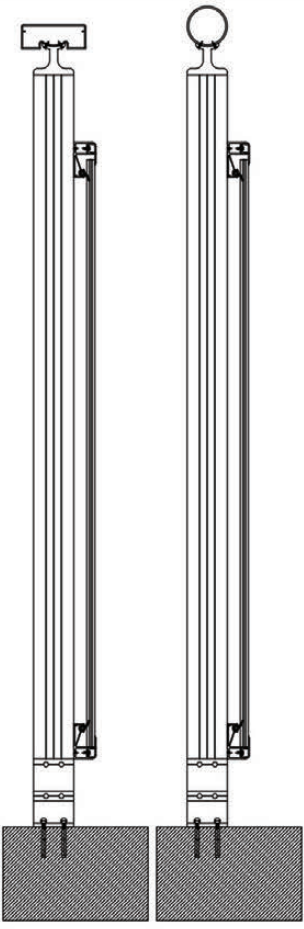


Ezber Bozan Dış Bükey
Mafsal
Adet / TL

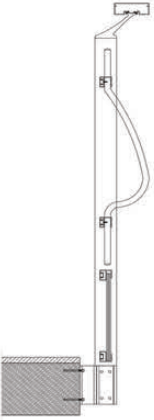


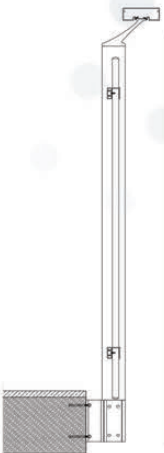
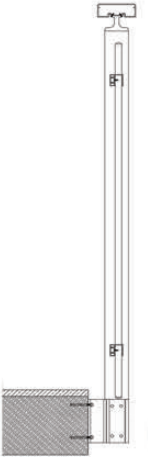
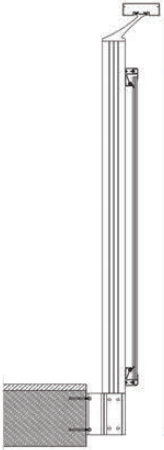












CAMLI MERDİVEN KORKULUK



DİKEY BARIYERLİ MERDİVEN KORKULUK

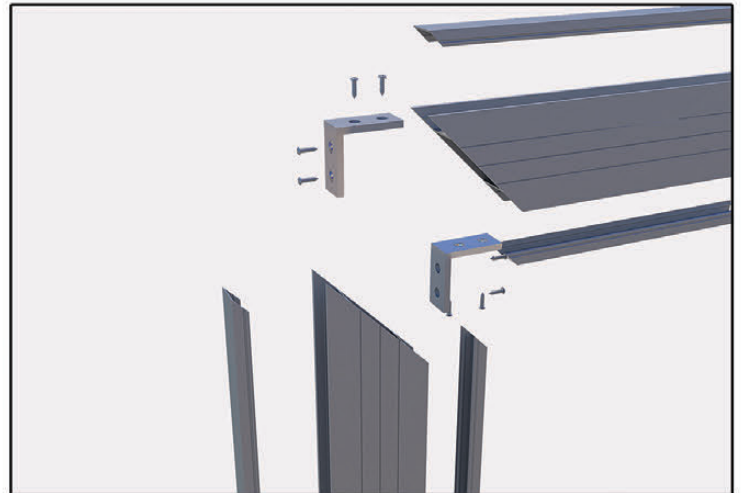
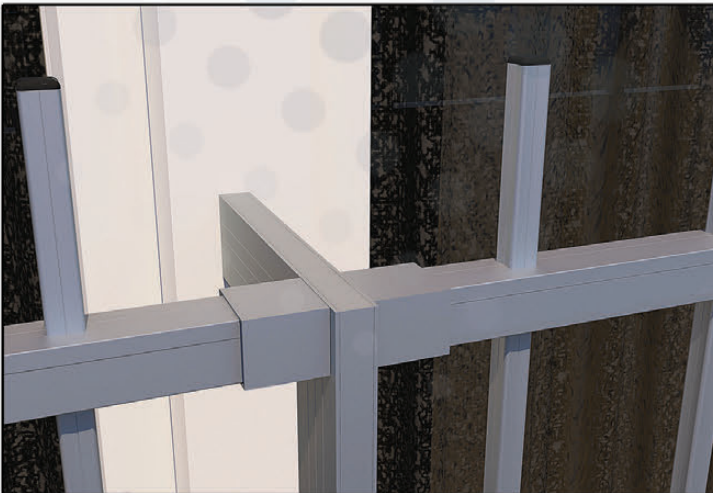
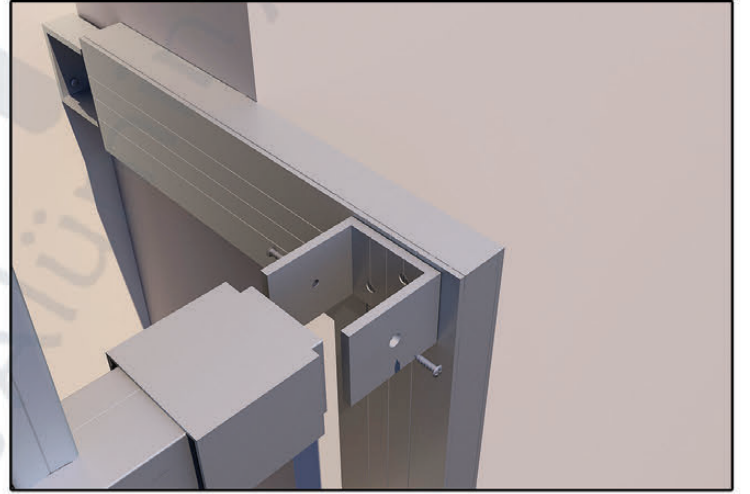


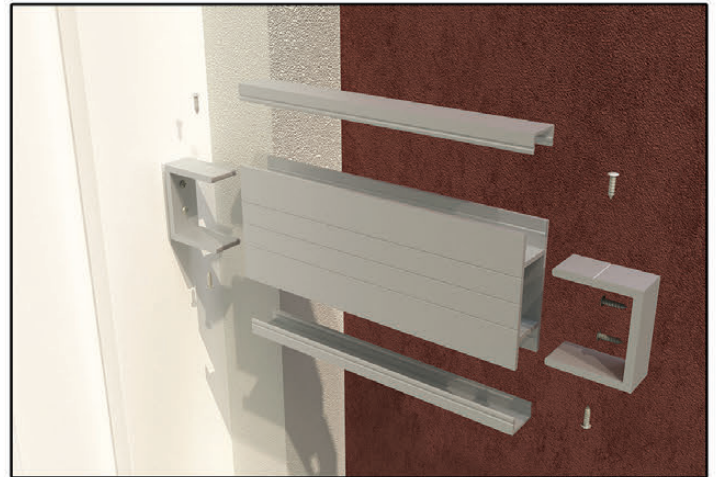
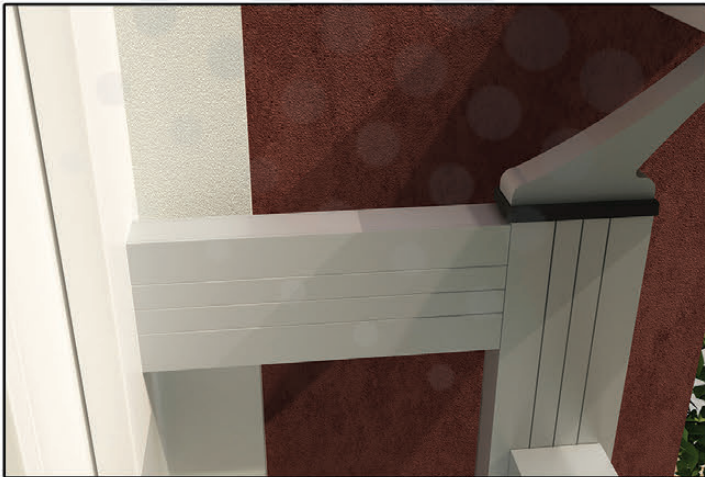
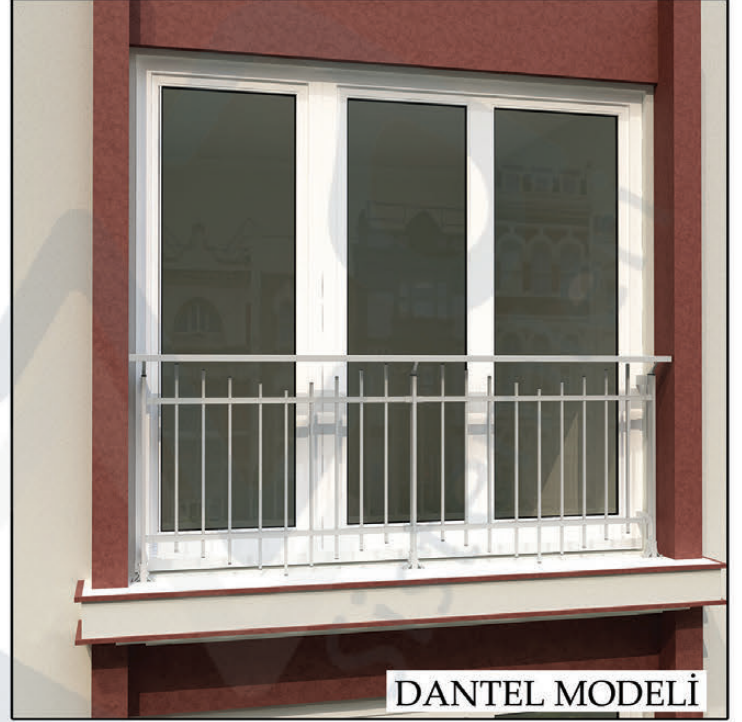
DİKEY BARIYERLİ CAMLI MERDİVEN KORKULUK



DİKEY BARIYERLİ MERDİVEN KORKULUK

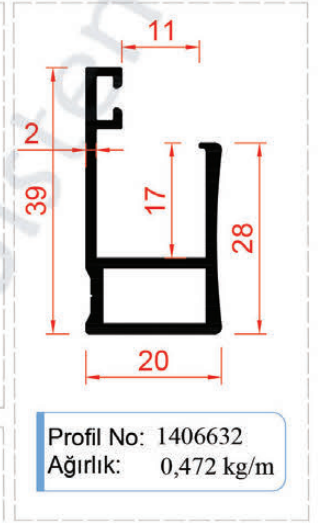
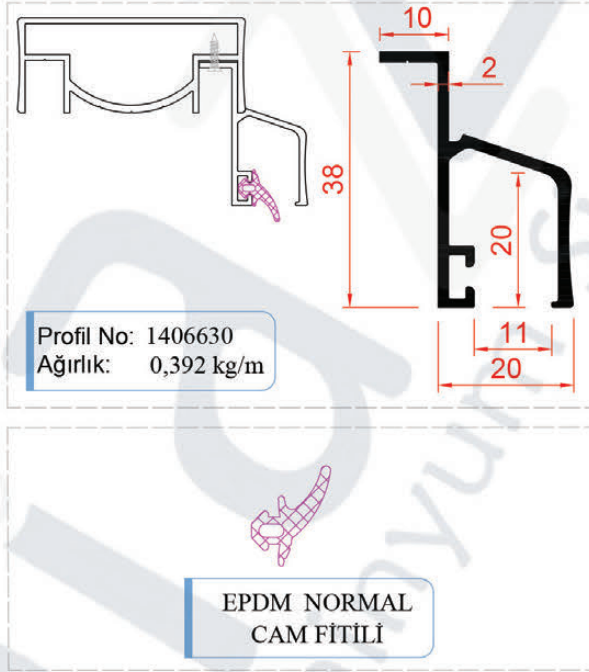
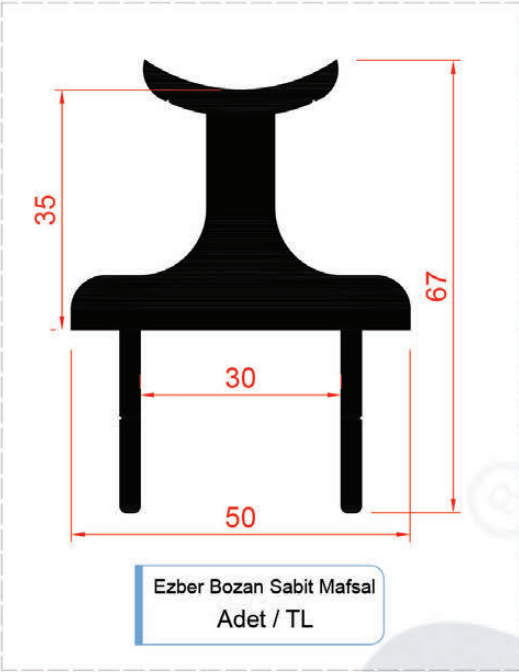
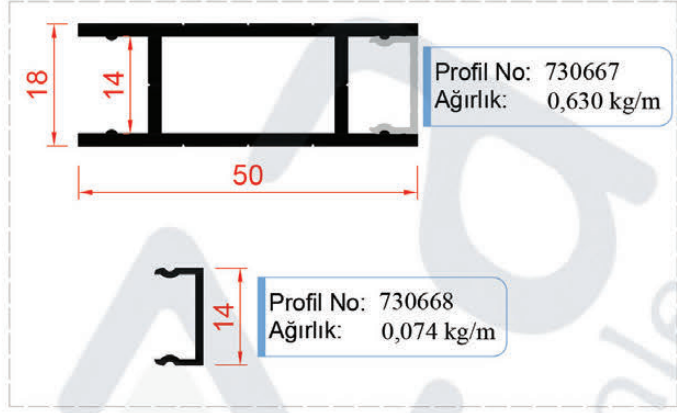
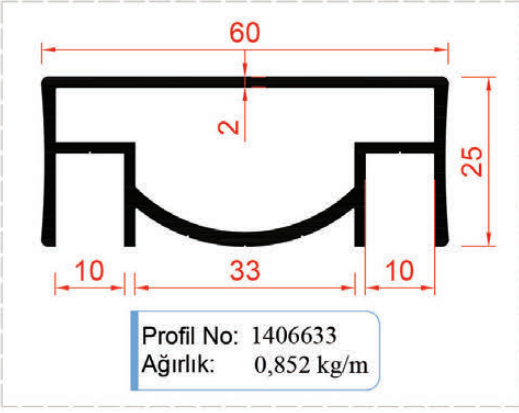




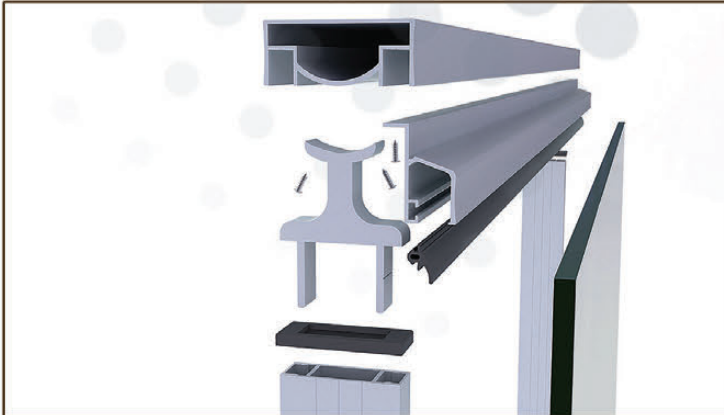


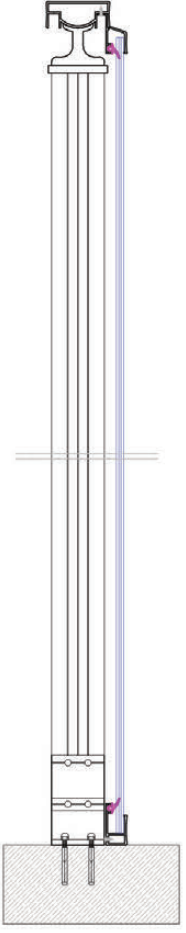


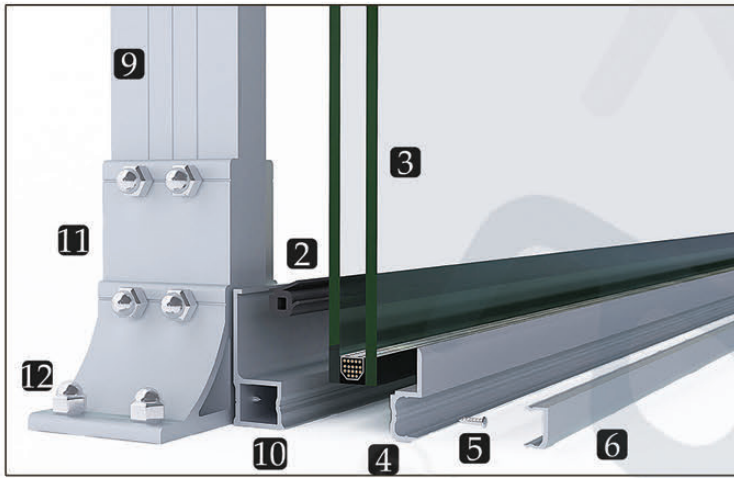
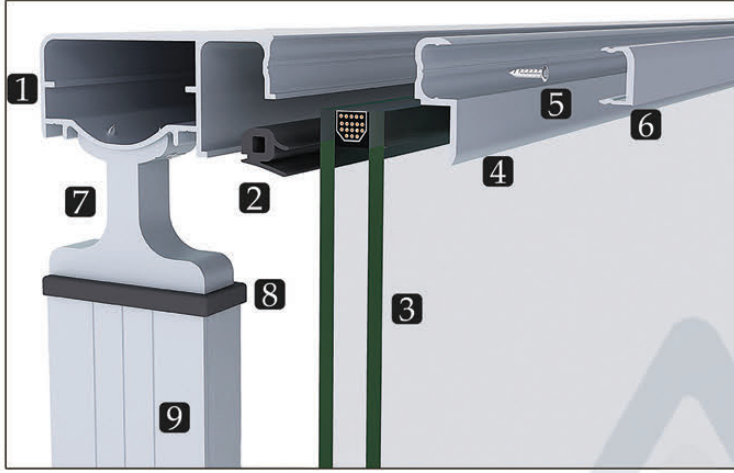
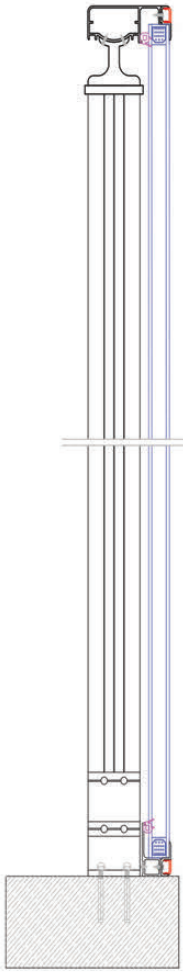




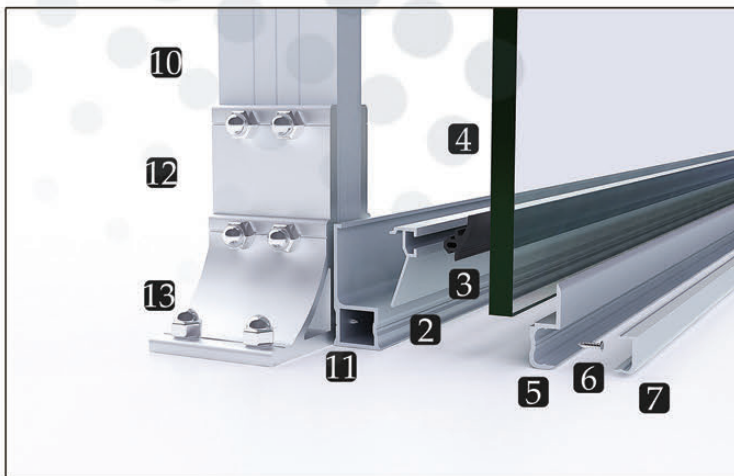
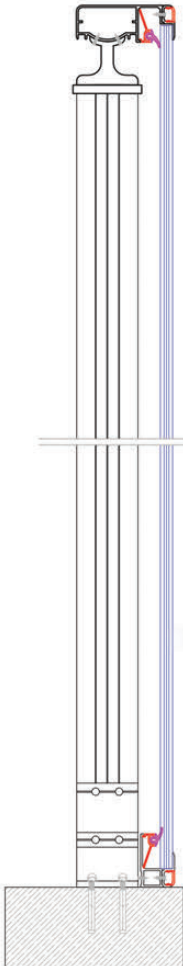
EPDM NORMAL
CAM FİTİLİ



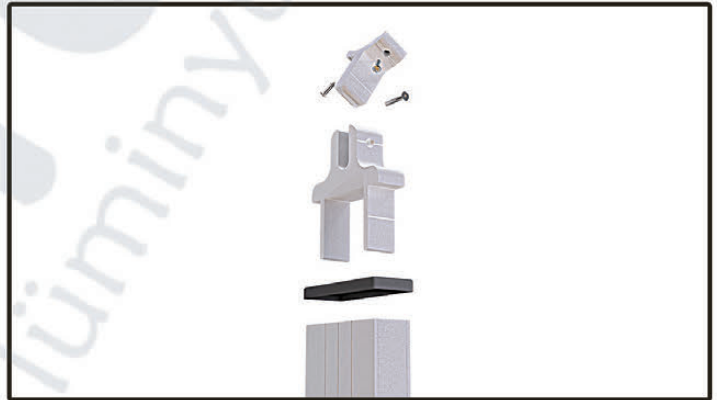
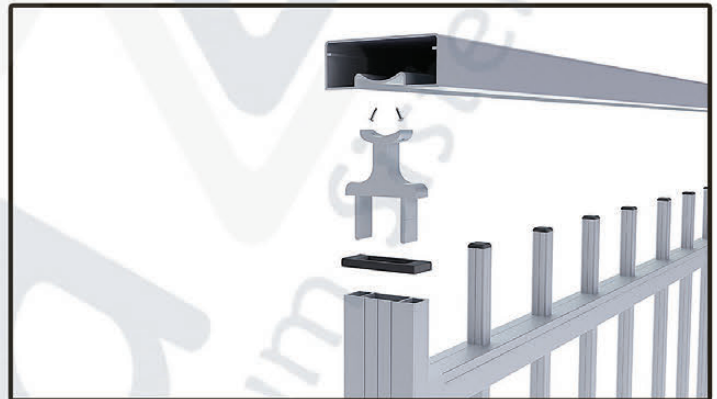




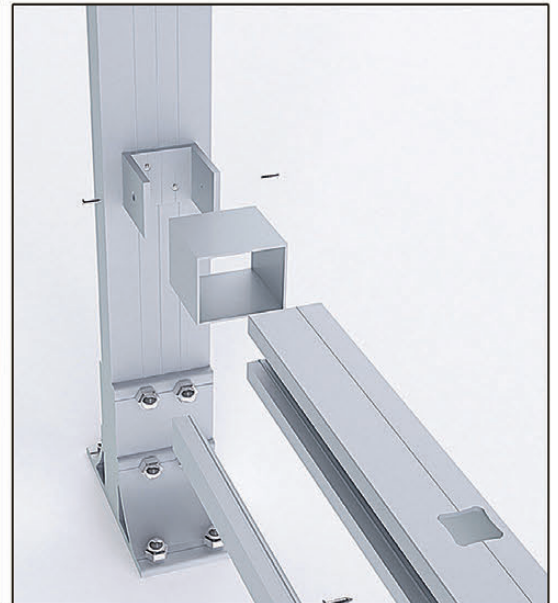
- 1 Küpeşte
- 2 Isıcam fitili
- 3 Isıcam
- 4 Isıcam kapağı
- 5 Vida
- 6 Dış çıta
- 7 Ay bağlantı
- 8 Dikme Plastiği
- 9 Dikme
- 10 Alt baza
- 11 Düz zemin bağlantı ayağı
- 12 Çelik dübel (M6 25mm - M8 35 mm)

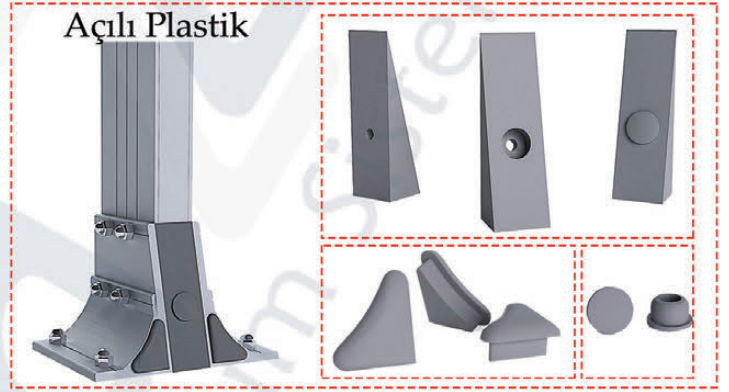
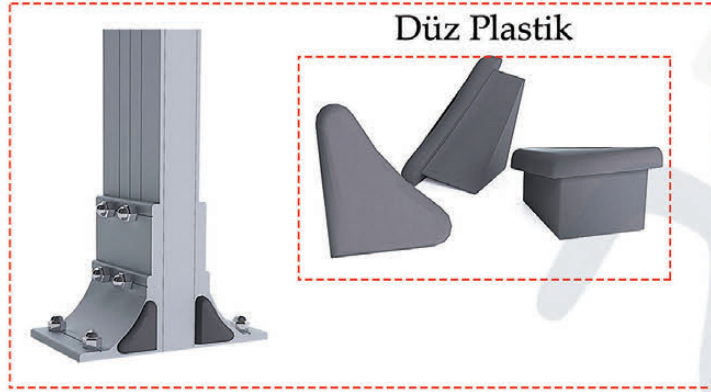


- 1 Küpeşte
- 2 Düz cam çitası
- 3 Fitol
- 4 Normal, tepirli, lamine cam
- 5 Cam kapağı
- 6 Vida
- 7 Dış Çıta
- 8 Ay Bağlantı
- 9 Dikme plastiği
- 10 Dikme
- 11 Alt baza
- 12 Düz zemin bağlantı ayağı
- 13 Çelik dübel (M6 25 mm - M8 35 mm)

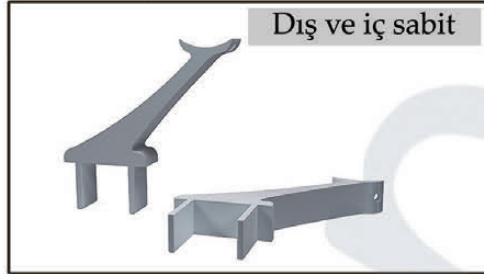


Dikey Bariyerli Korkuluk Bağlantı Detayları

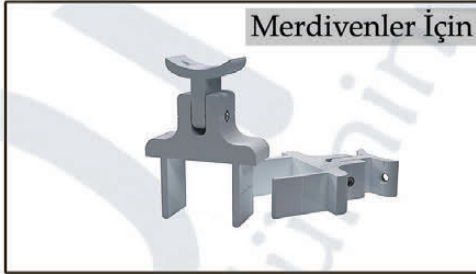




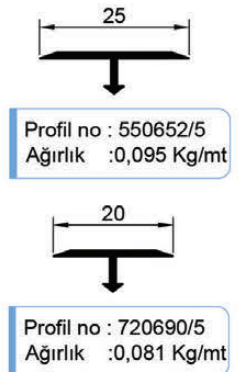
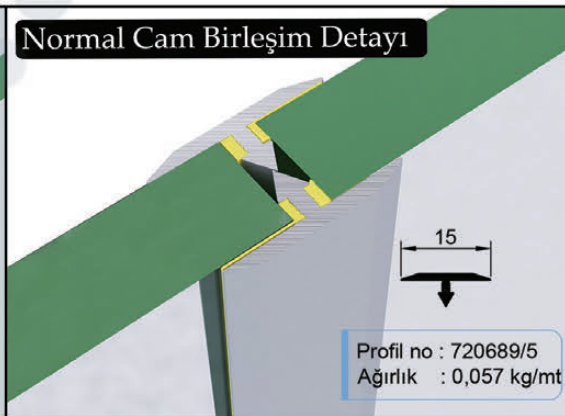
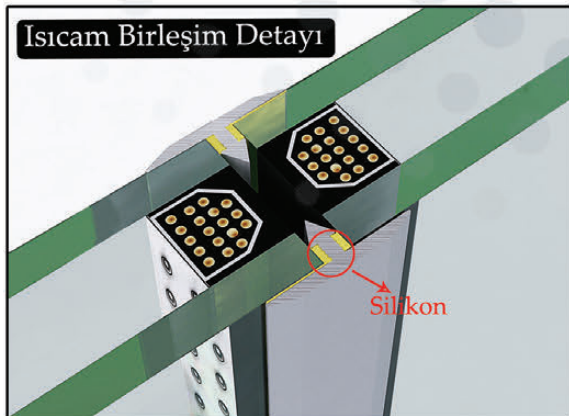
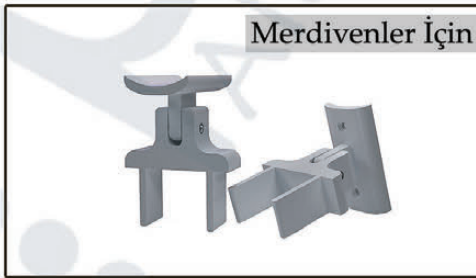
DIŞ BÜKEY MAFSAL

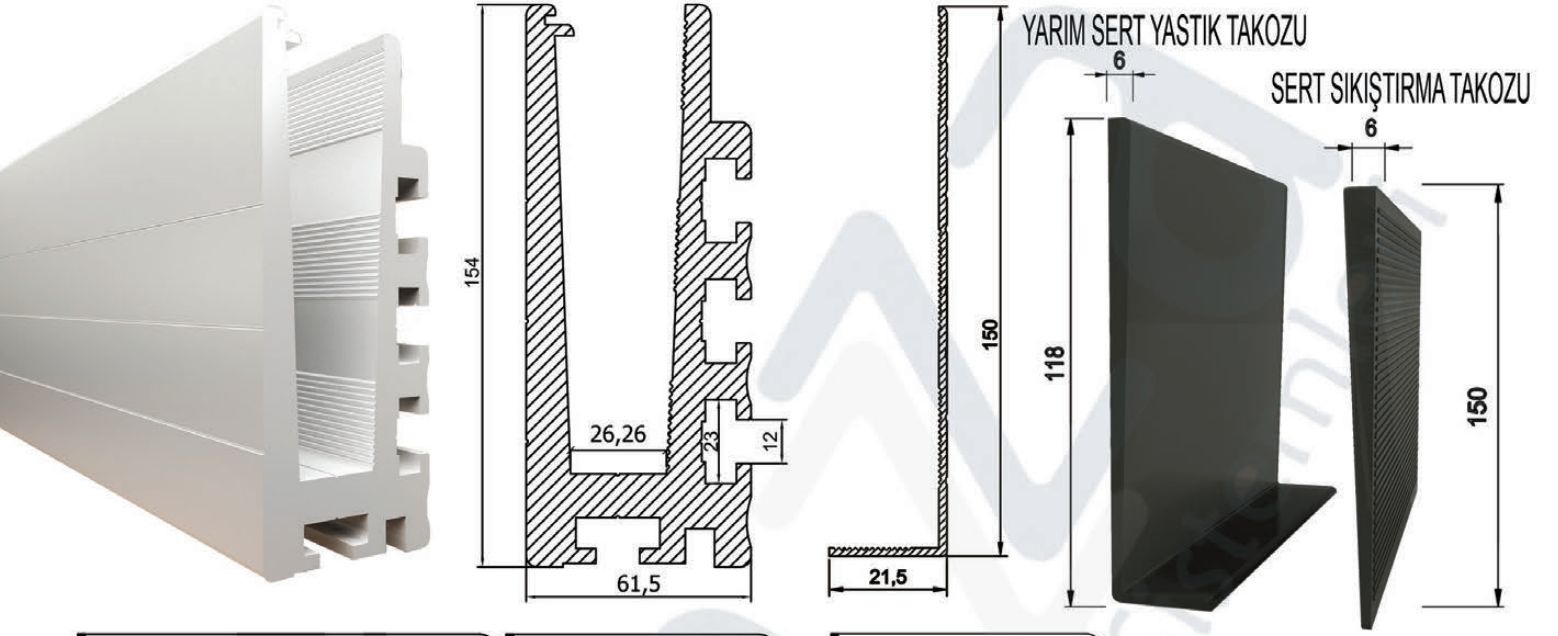


HAREKETLİ MAFSAL



SABİT MAFSAL

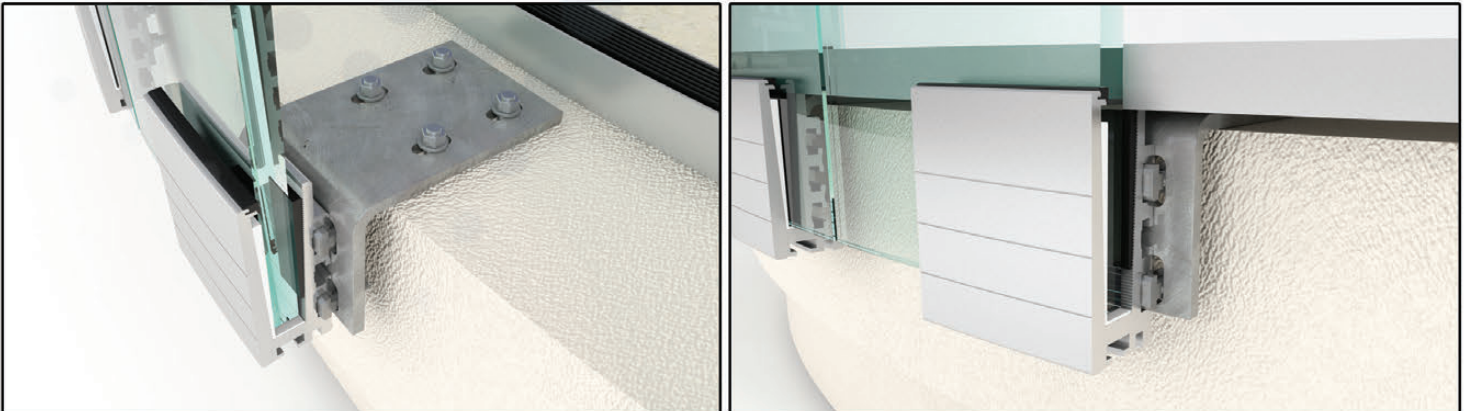
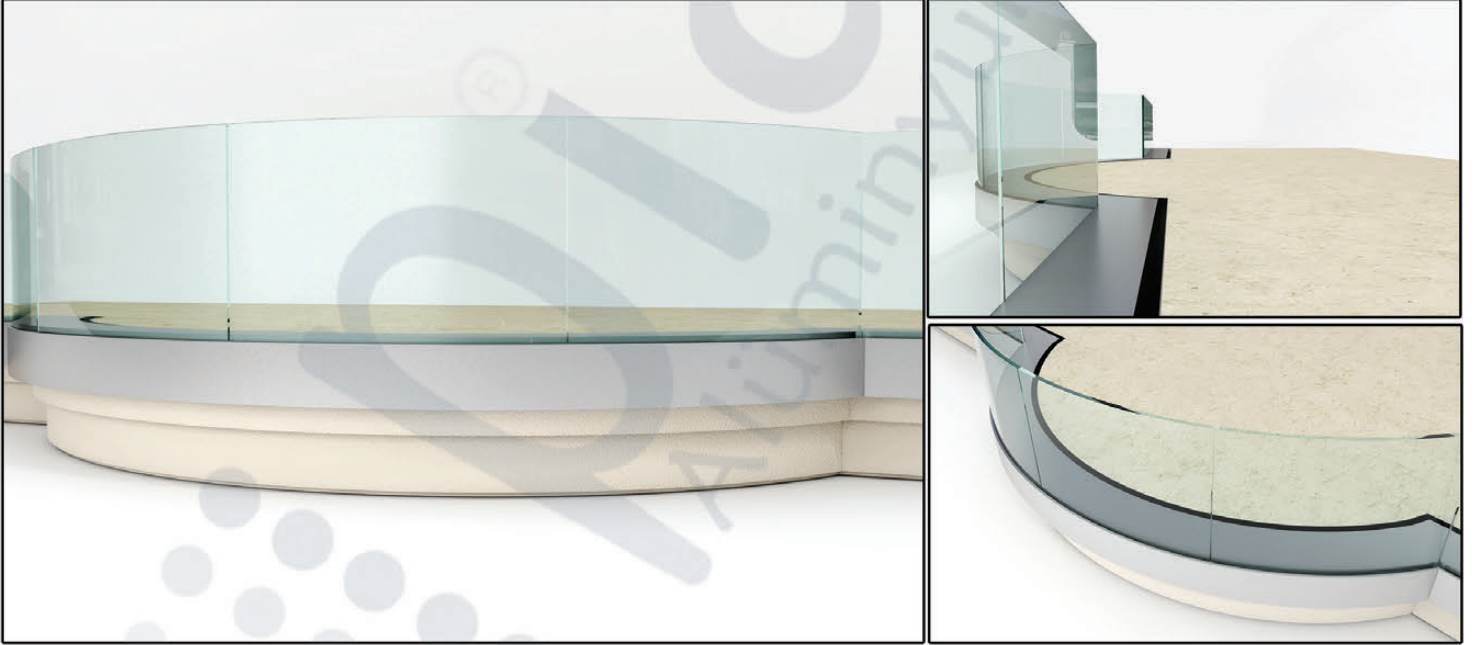


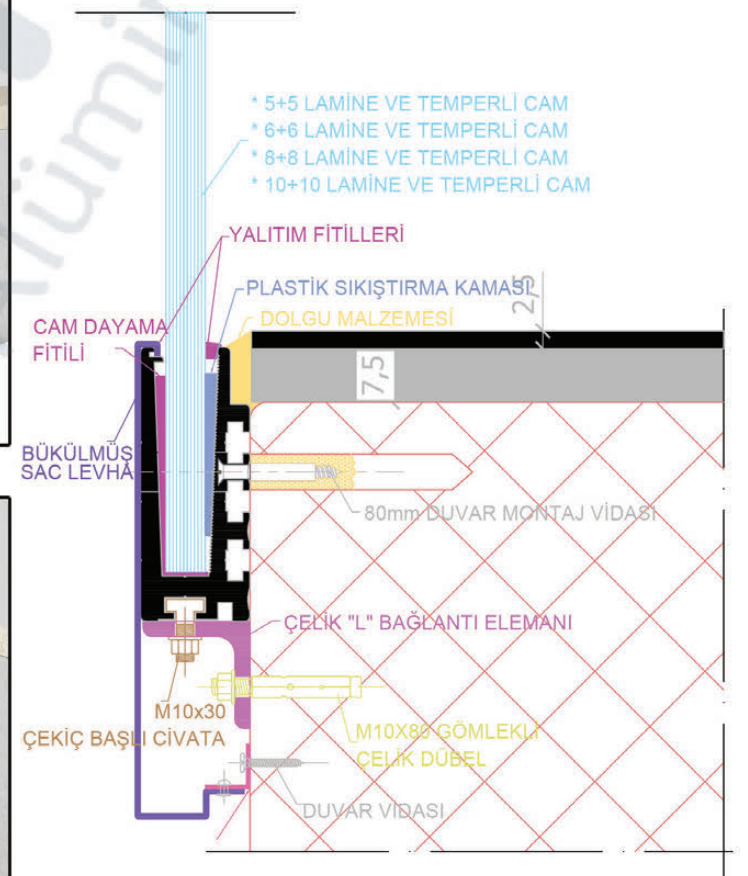
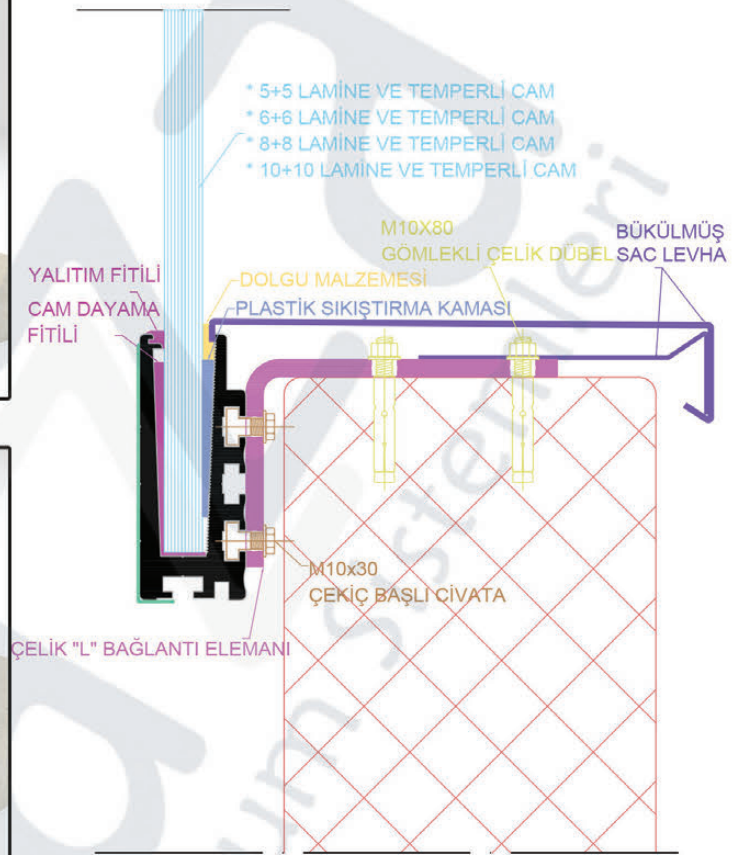
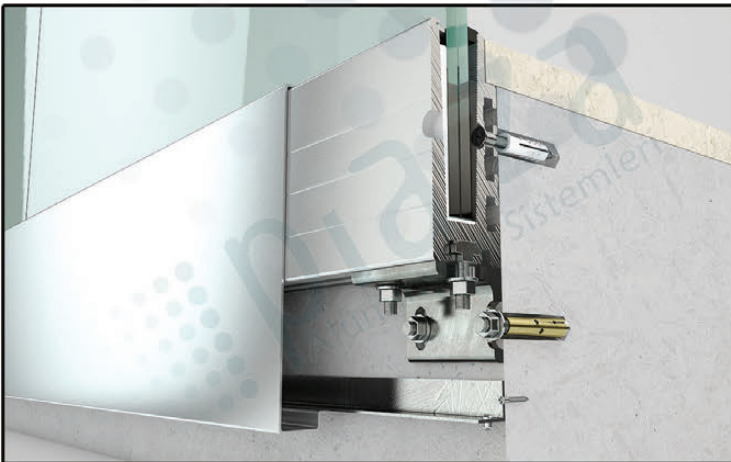
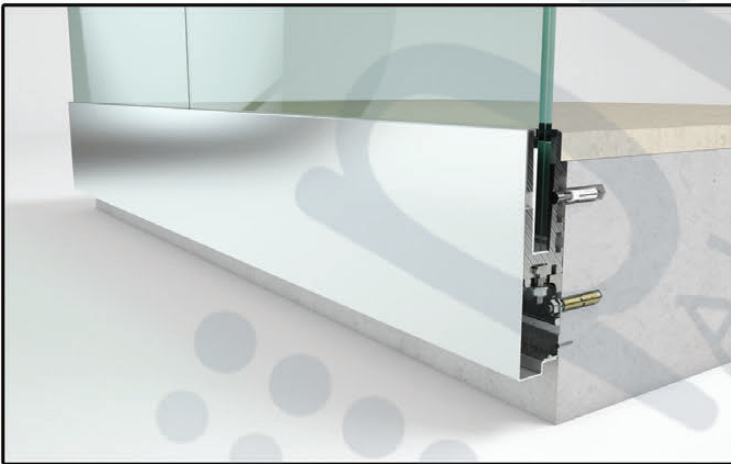


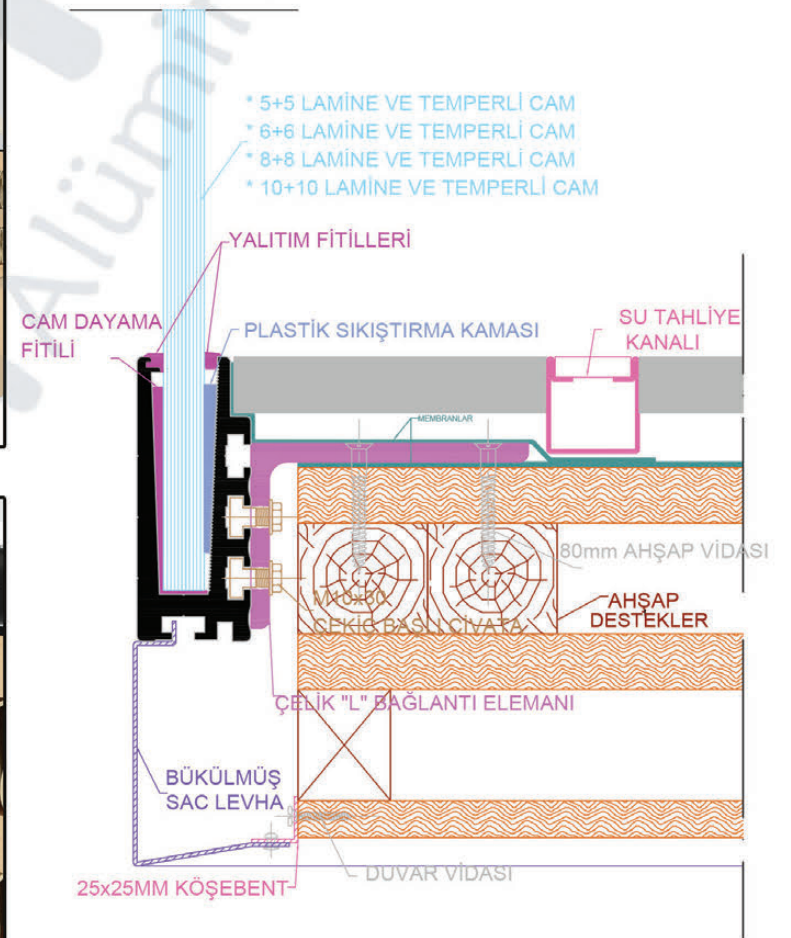
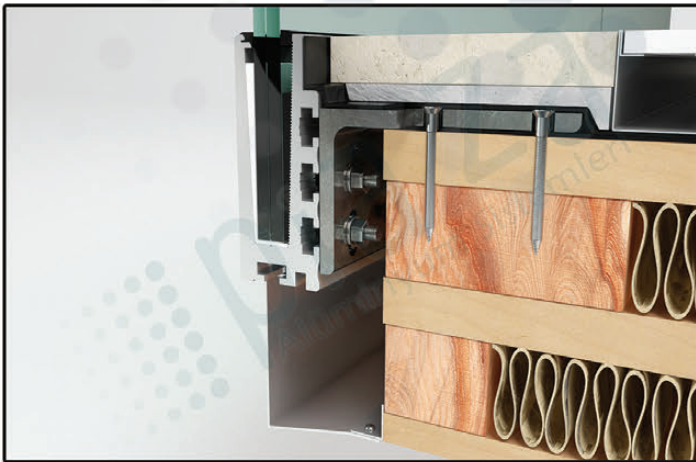
YAKLAŞIK SİSTEM AĞIRLIĞI
10,950 gr / mt

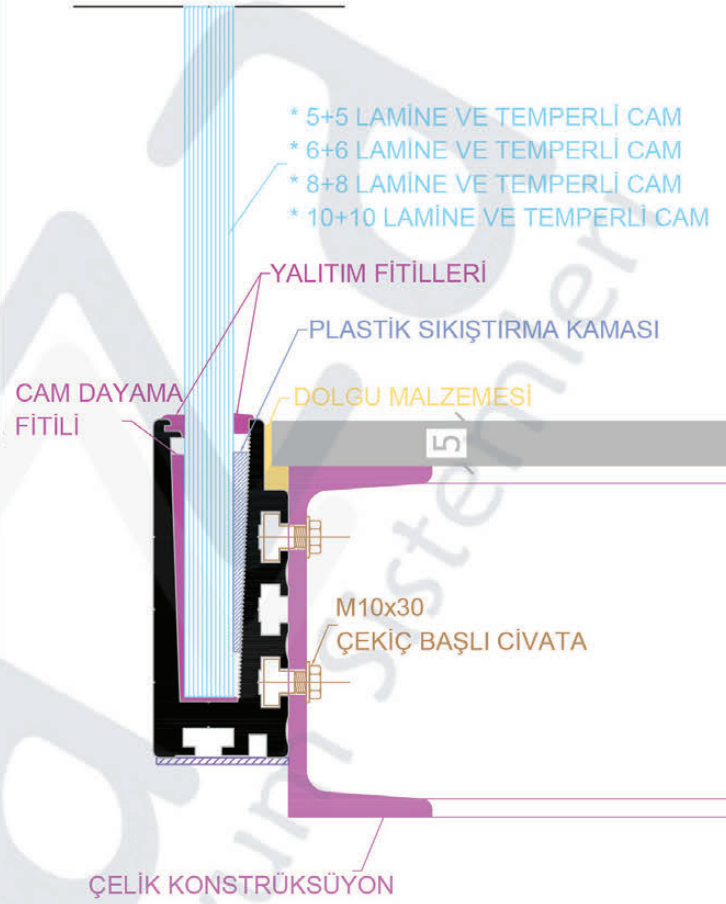
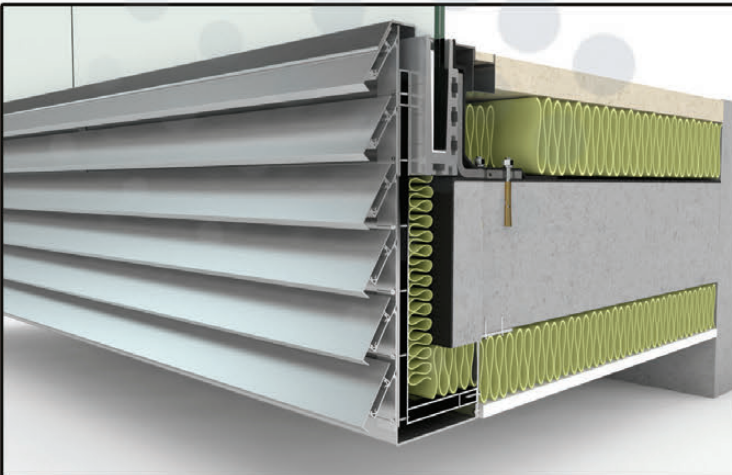
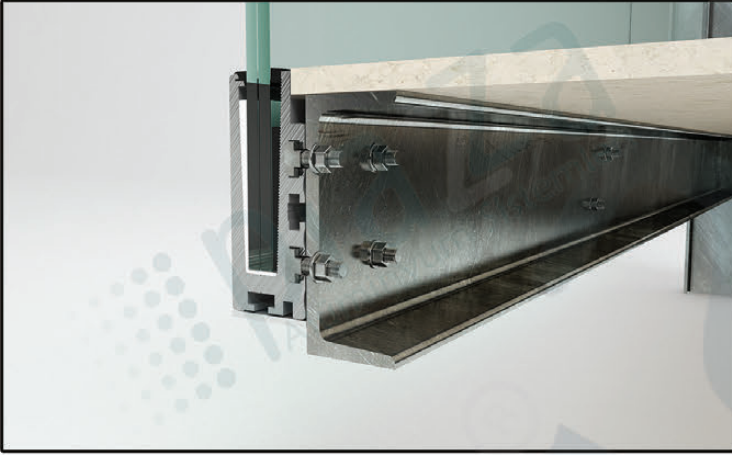
Profil No: 1506535
Ağırlık: 10254,1

Profil No: 1006172
Ağırlık: 0,675 Kg/m

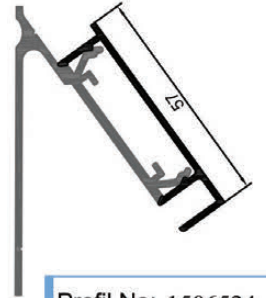








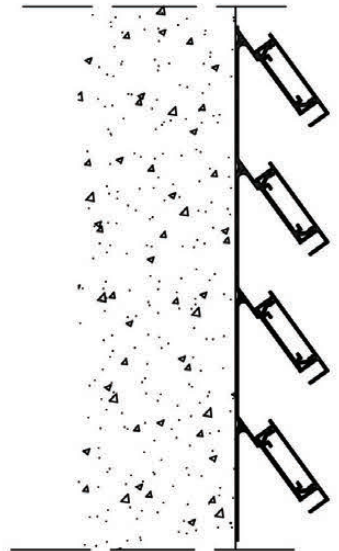
Profil No: 1006253
Ağırlık: 0,756 KG/mt

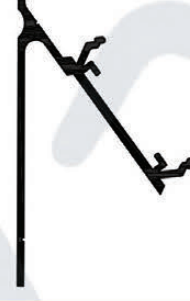
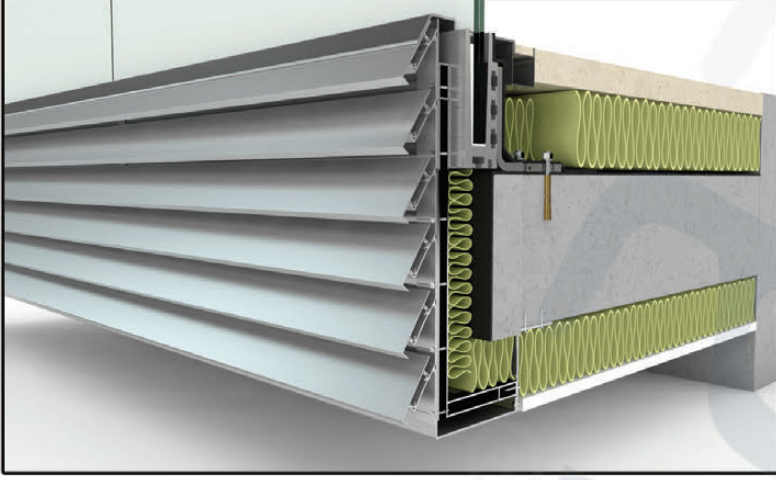


Profil No: 1506524
Ağırlık: 0,340 KG/mt

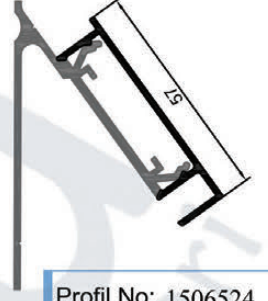


Profil No: 1006253
Ağırlık: 0,756 KG/mt

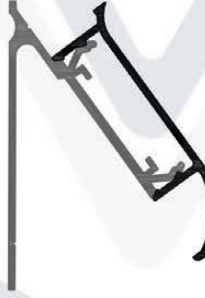




Profil No: 1006253
Ağırlık: 0,756 KG/mt



Profil No: 1506524
Ağırlık: 0,340 KG/mt



Profil No: 1006253
Ağırlık: 0,756 KG/mt





1 Takozlu Cam Tutucu Aksesuar

2 85mm Süpürgelik

3 Süpürgelik Arkalık Profili



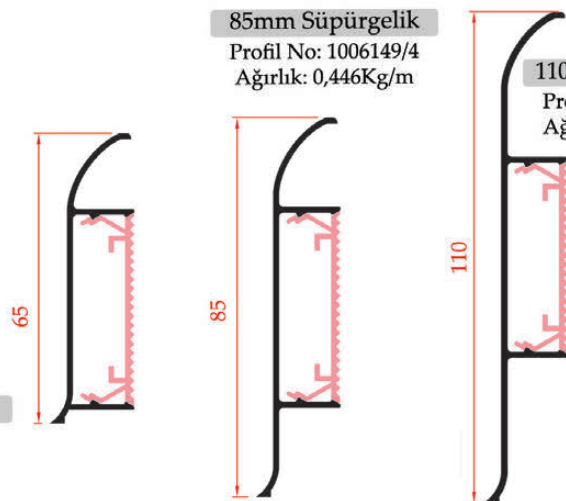
Takozlu Cam Tutucu Aparat Adet / TL

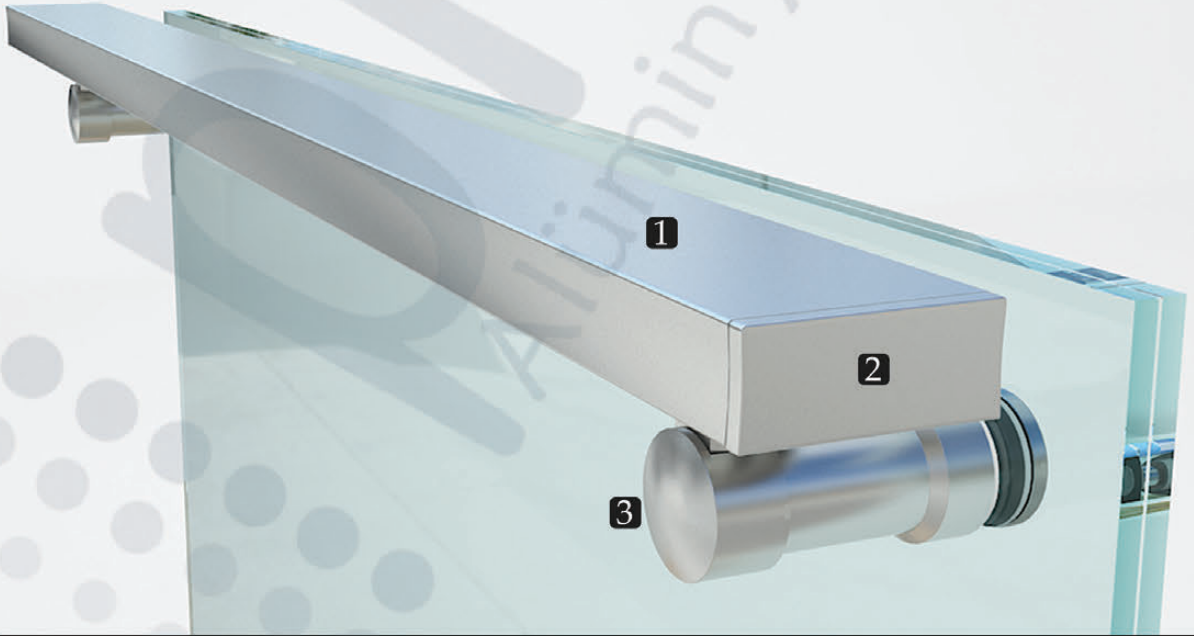
Süpürgelik Arkalığı
Profil No: 510689/4
Ağırlık: 0,286Kg/m

65mm Süpürgelik
Profil No: 1006150/4
Ağırlık: 0,375Kg/m

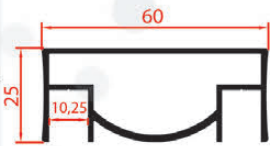
85mm Süpürgelik
Profil No: 1006149/4
Ağırlık: 0,446Kg/m

110mm Süpürgelik
Profil No: 510685/4
Ağırlık: 0,583Kg/m

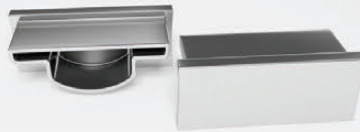




- 1 60 mm Düz Küpeşte
- 2 Bitiş Kapağı
- 3 Küpeşte İçin Yan Bağlantı



60 mm Düz Küpeşte
Profil No : 1406633
Ağırlık : 0,852 Kg/m



Bitiş Kapağı Adet / TL

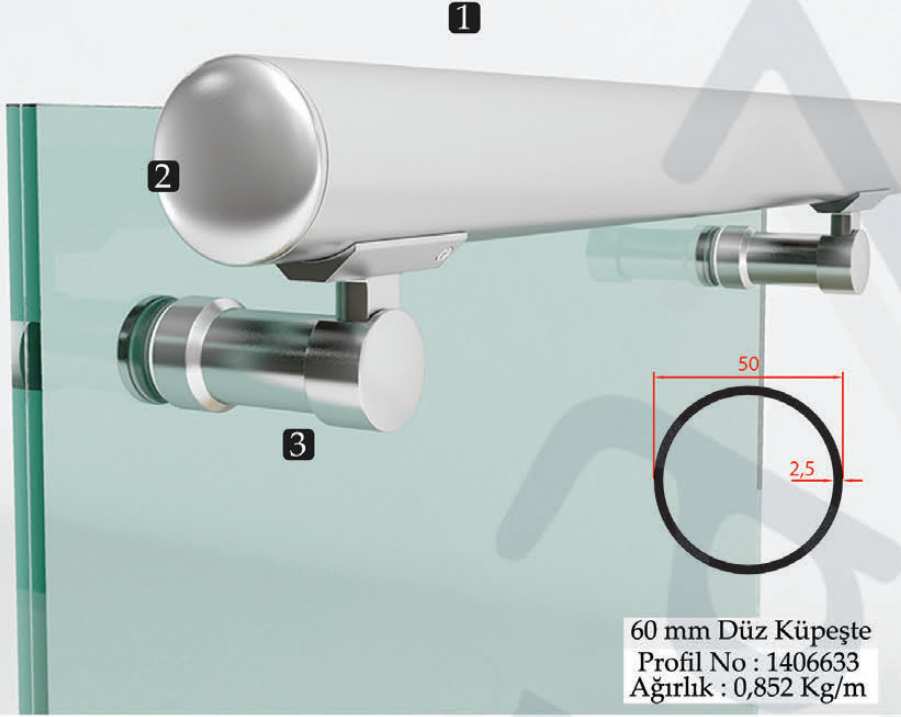


Yan Bağlantı Aparatı Takım / TL

50 mm Boru Üst Küpeşte 1

50 mm Boru Tapası 2

50 mm Küpeşte için Yan Bağlantı 3



50 mm Boru Tapası

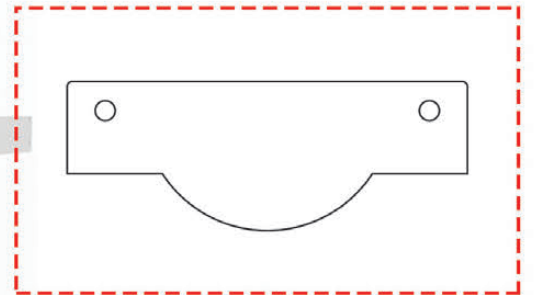
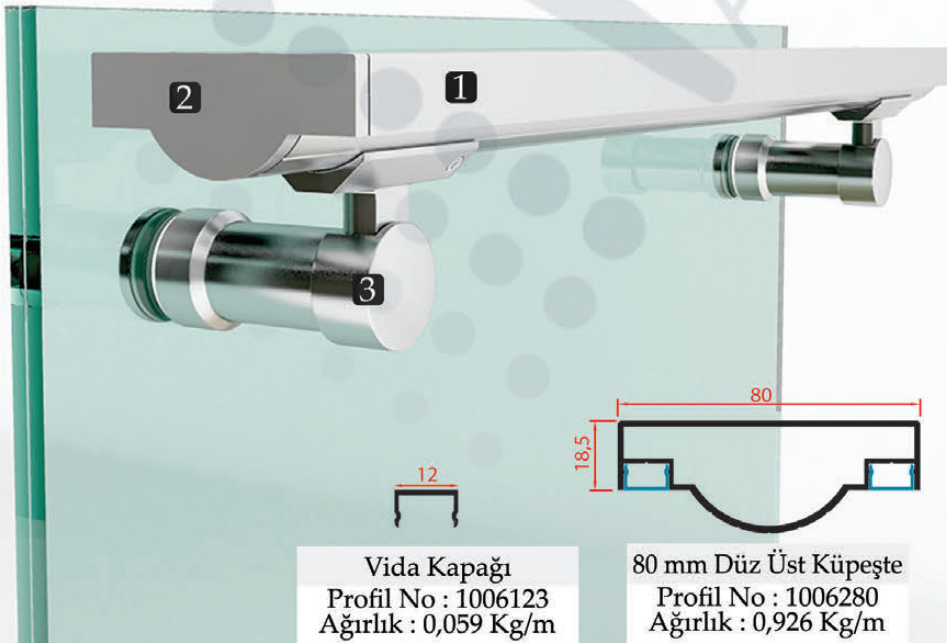


Yan Bağlantı Aparatı Takım / TL

80 mm Düz üst Küpeşte 1

Bitiş Kapağı 2

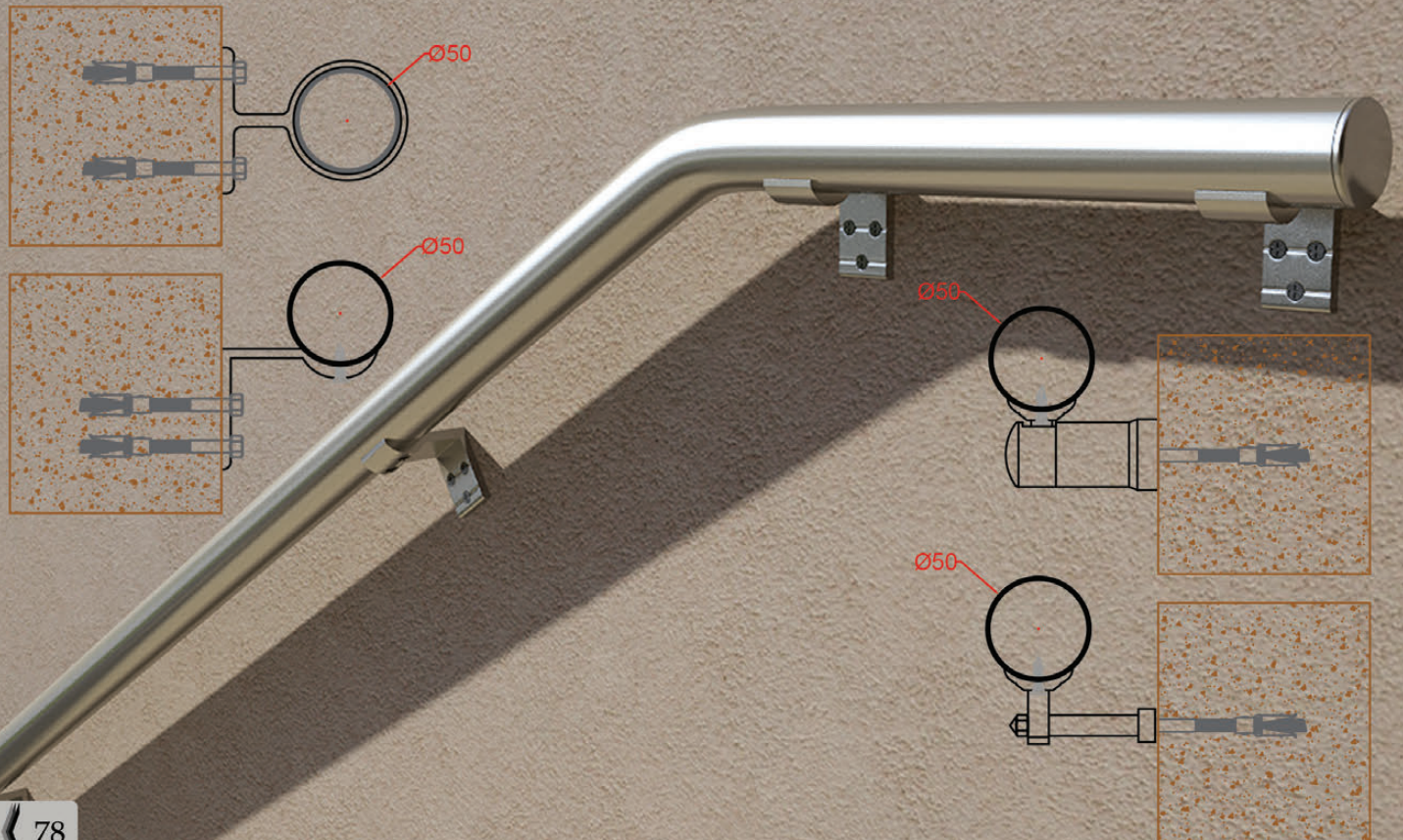
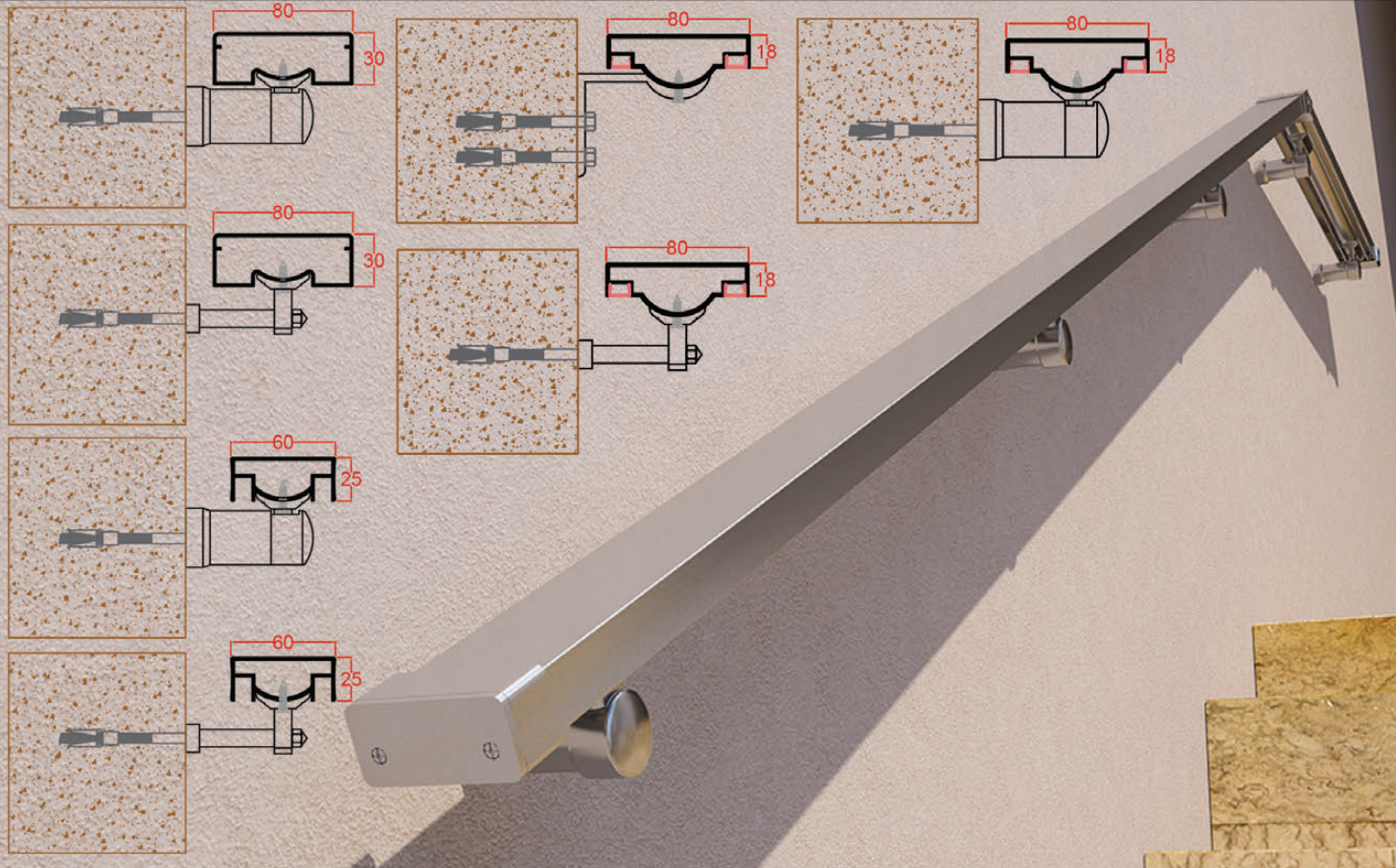
50 mm Küpeşte için Yan Bağlantı 3



80 mm Düz Küpeşte Bitiş Kapağı Adet/TL



Yan Bağlantı Aparatı Takım / TL



Profil No: 590643 Ağırlık: 1,056 Kg/m	30 x 80 Küpeşte	Profil No: 430695 Ağırlık: 1,100 Kg/m	30 x 80 Küpeşte
Profil No: 470652 Ağırlık: 1,312Kg/m	30 x 80 Küpeşte	Profil No: 7336 Ağırlık: 1340 Kg/m	30 x 80 Küpeşte
Profil No: 640646 Ağırlık: 1,093 Kg/m	30 x 80 Küpeşte		

80 x 30 KÜPEŞTE DUVAR FLANŞI

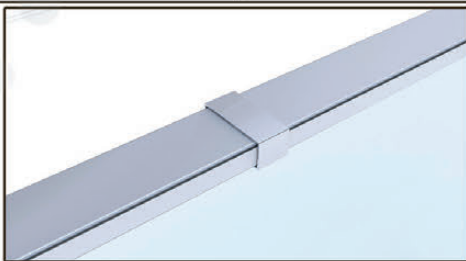
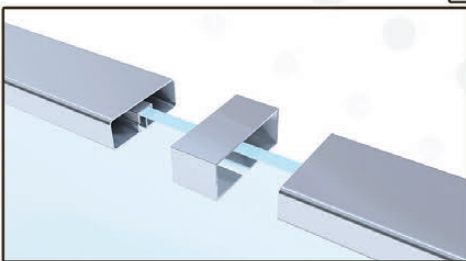


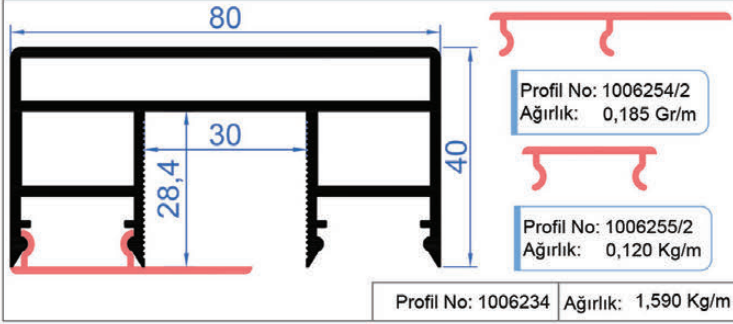
FARKLI AÇILARDA KÖŞE DÖNÜŞLERİ
SİPARİŞİ İLE ÜRETİLİR

80 x 30 KÜPEŞTE 90 DERECE DİRSEK



80 x 30 KÜPEŞTE BLERZİK

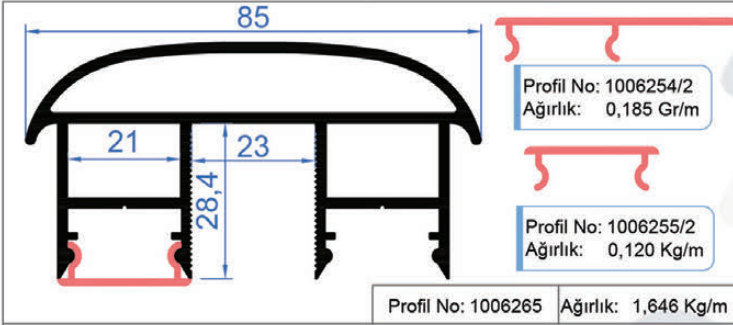




Sıkıştırma Kaması



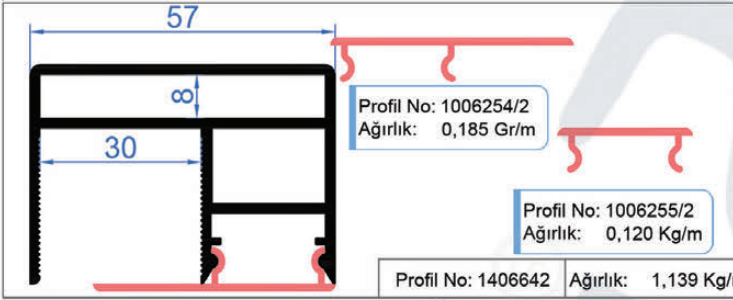
40 x 80 Küpeşte



Sıkıştırma Kaması



40 x 85 Mantar Küpeşte

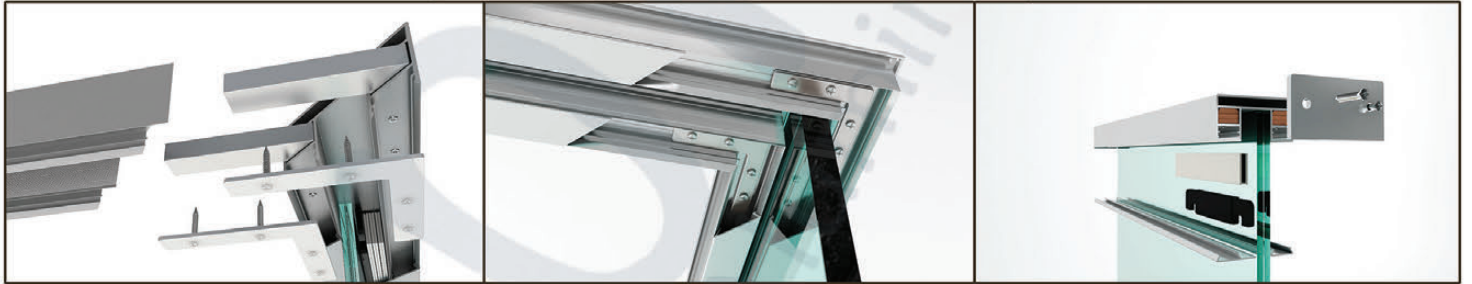


Sıkıştırma Kaması

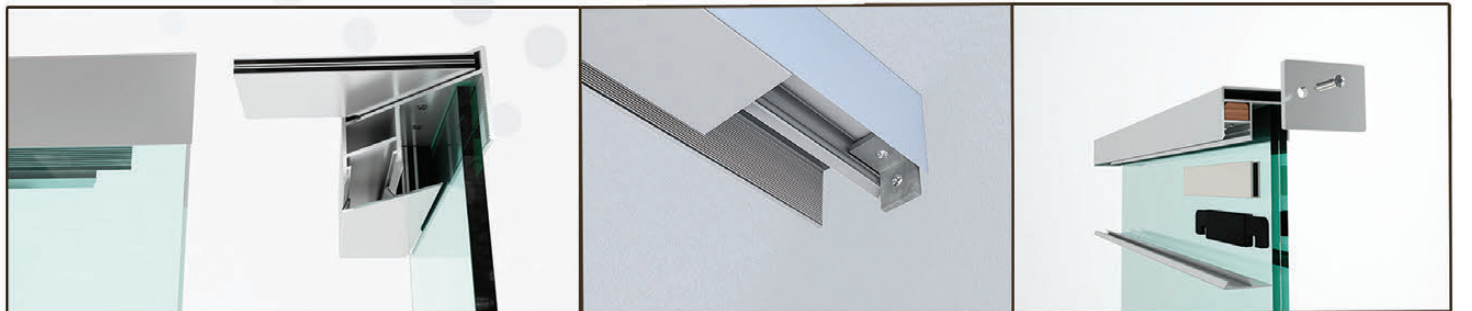


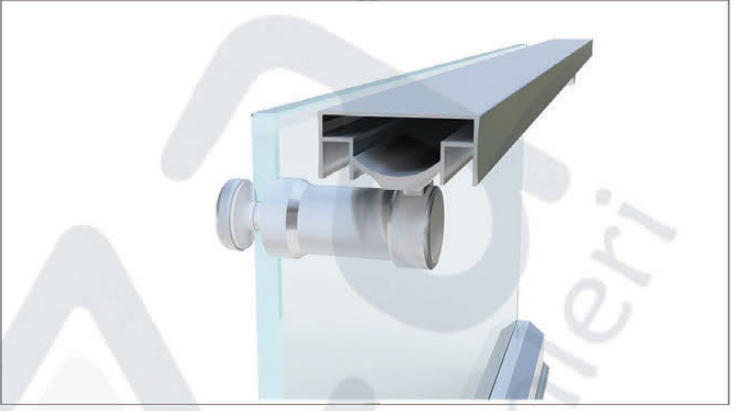
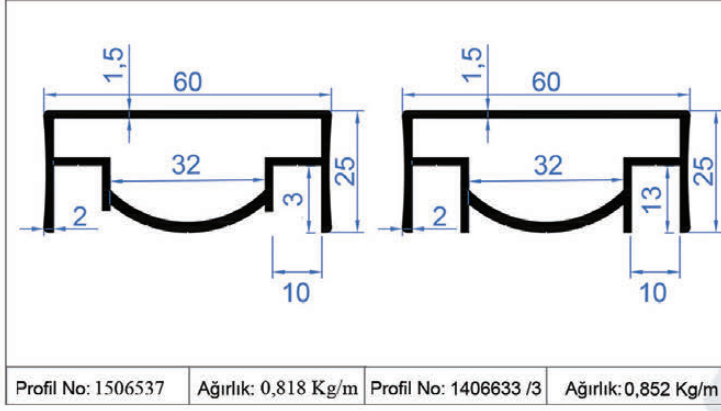
40 x 57 Mantar Küpeşte

80 x 40 KÜPEŞTE 90 DERECE DÖNÜŞ



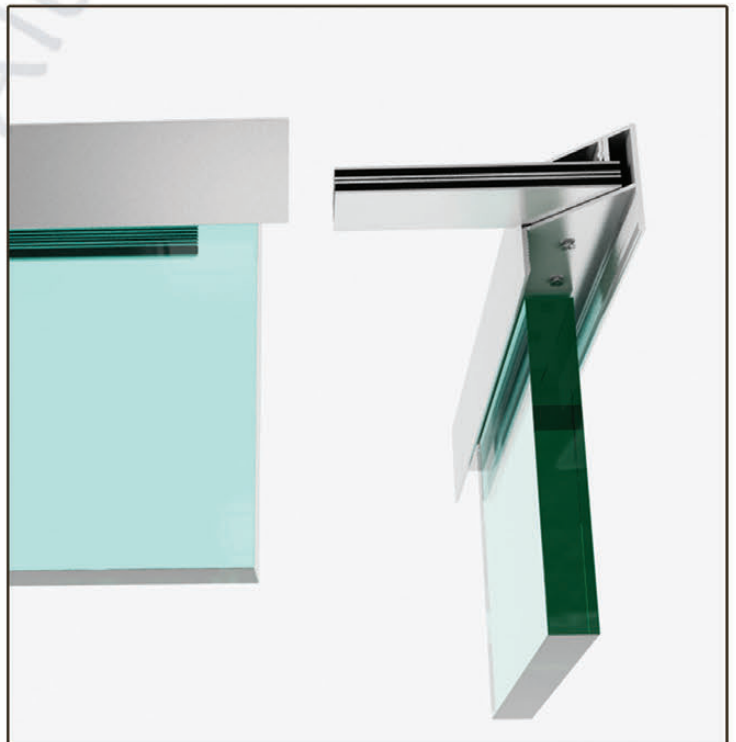
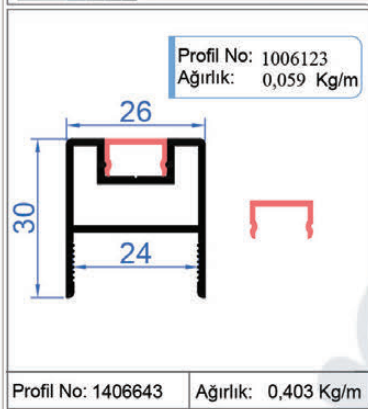
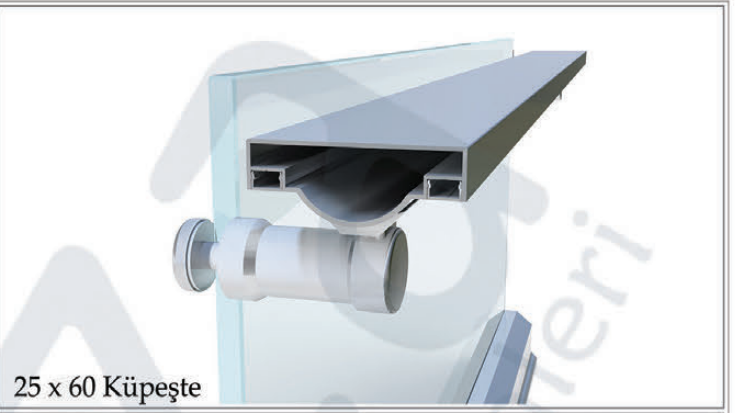
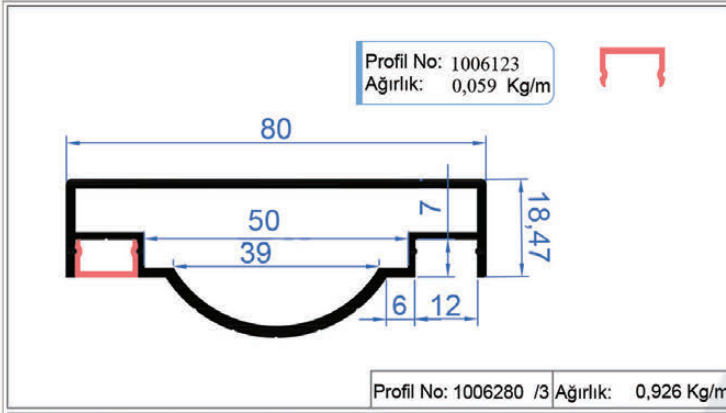
57 x 40 KÜPEŞTE DETAYLARI

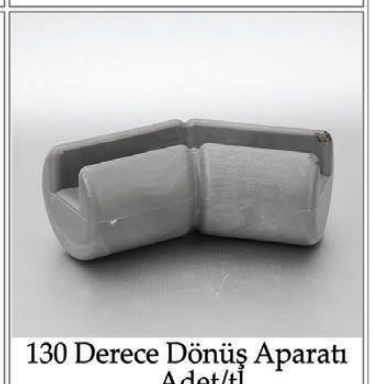
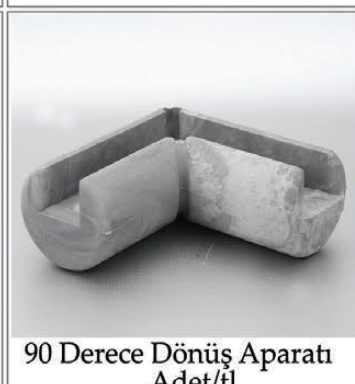
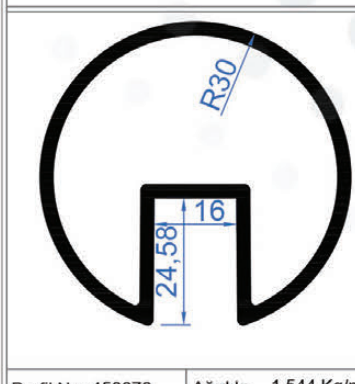
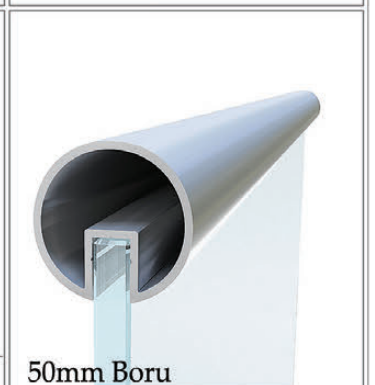
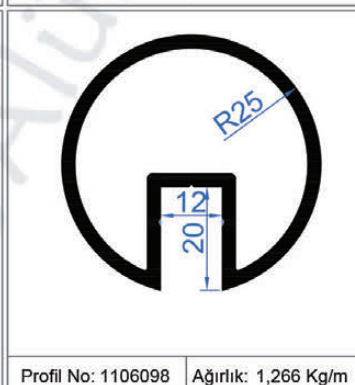
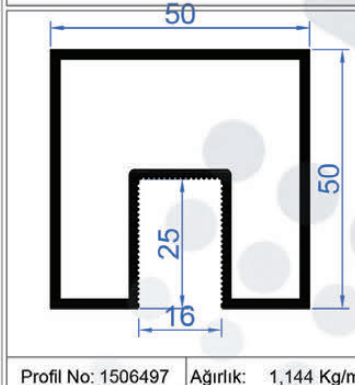
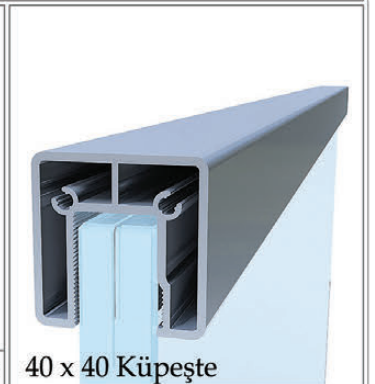
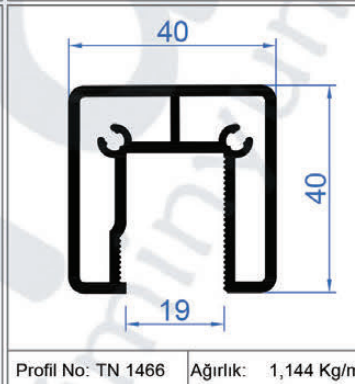
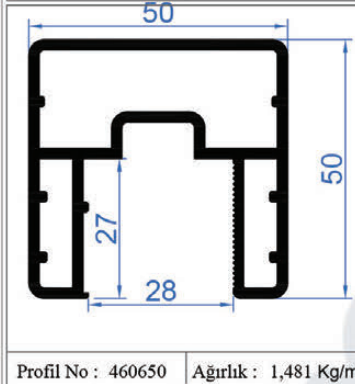
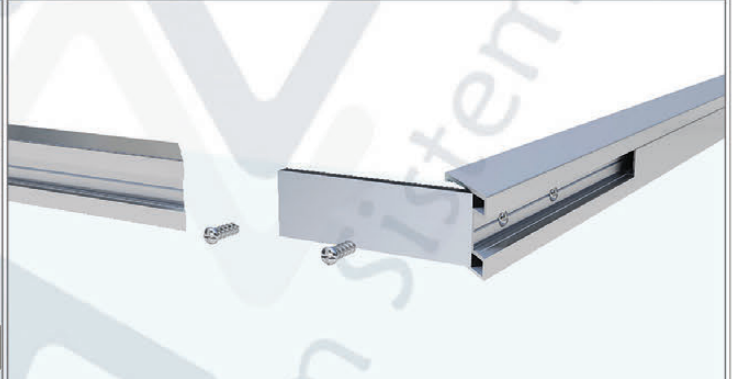
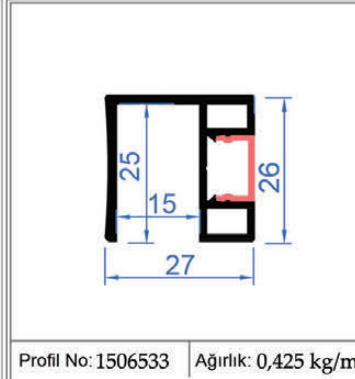
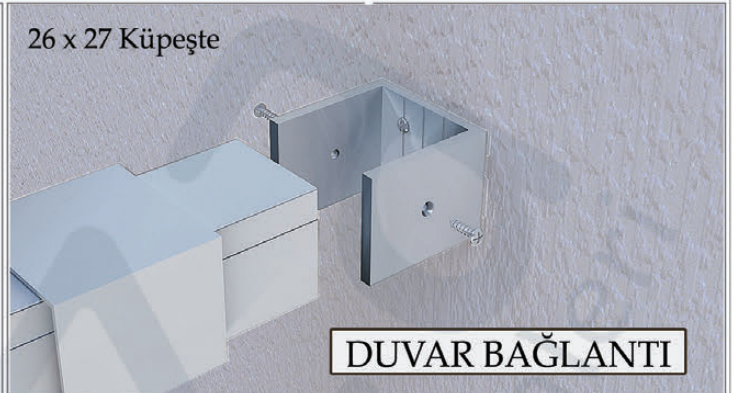
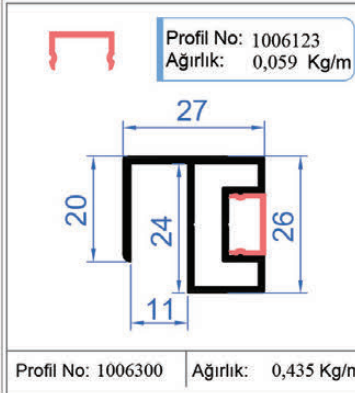


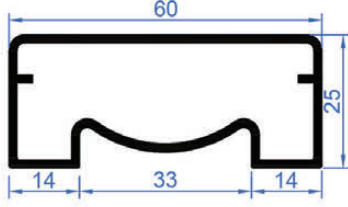


90 Derece Dönüş





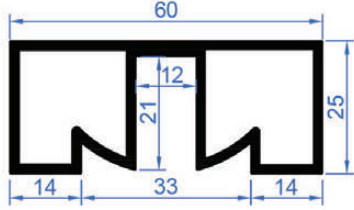




Profil No: TN150

Ağırlık: 0,756 Kg/m

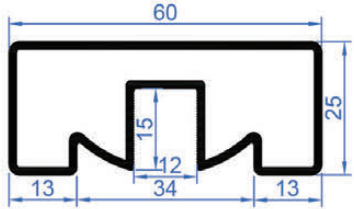
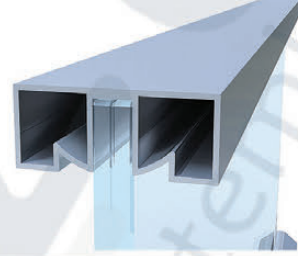
25 x 60 Küpeşte



Profil No: TN1401

Ağırlık: 1,005 Kg/m

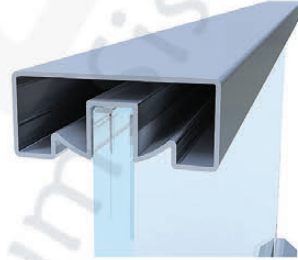
25 x 60 Küpeşte



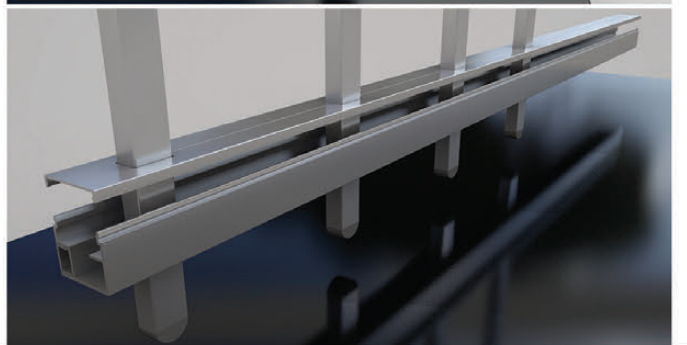
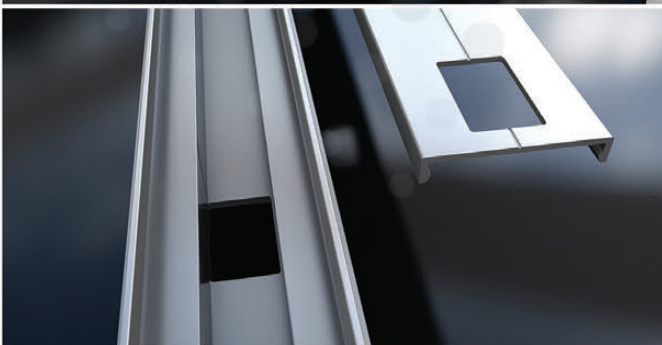
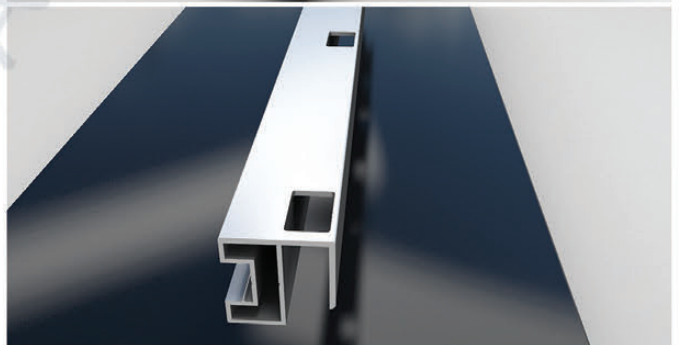
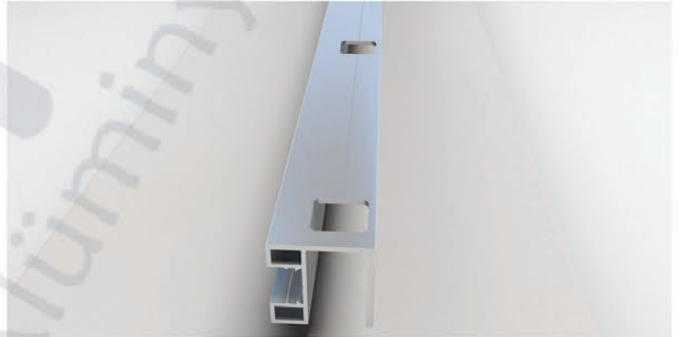
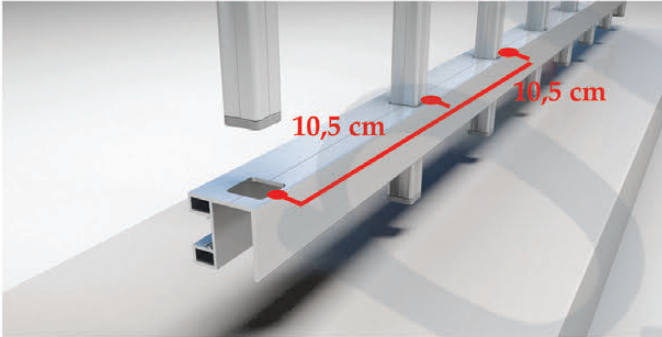
Profil No: TN1308

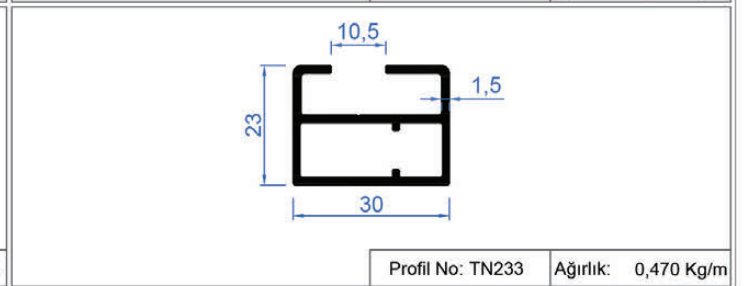
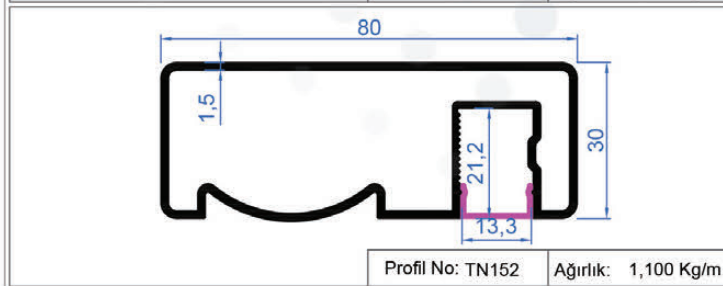
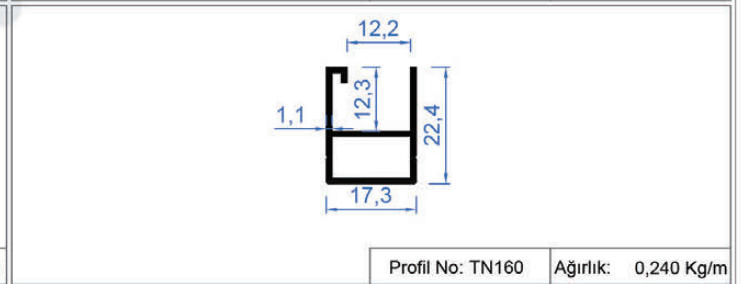
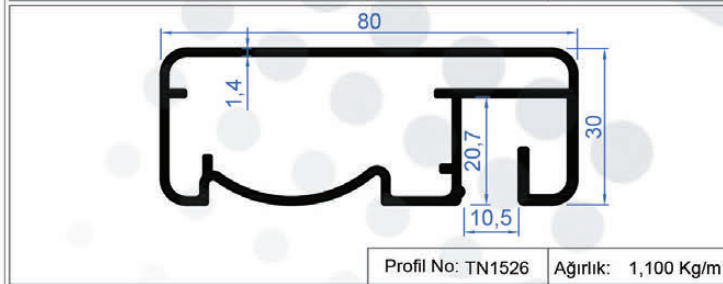
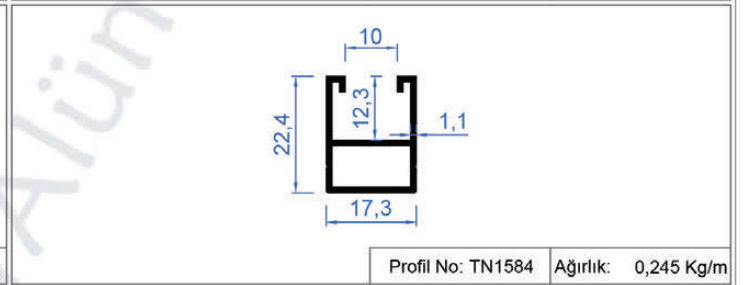
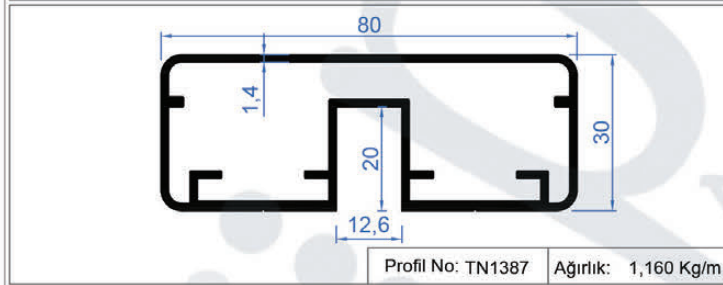
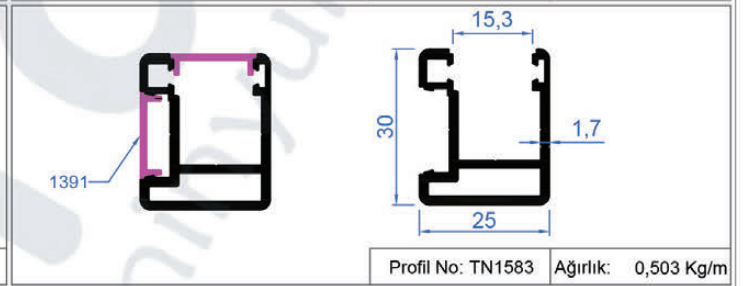
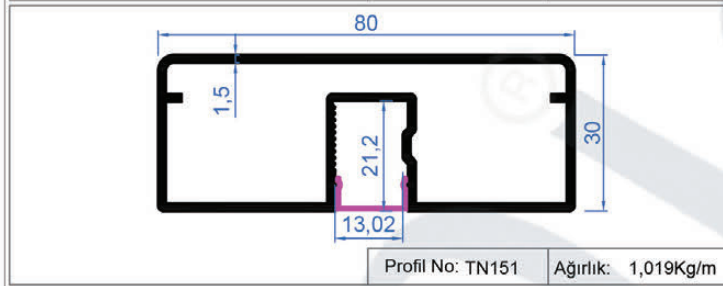
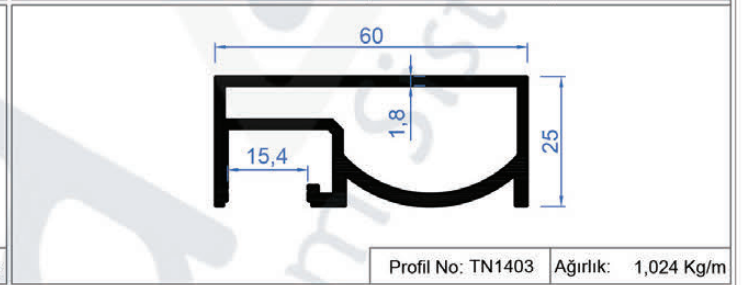
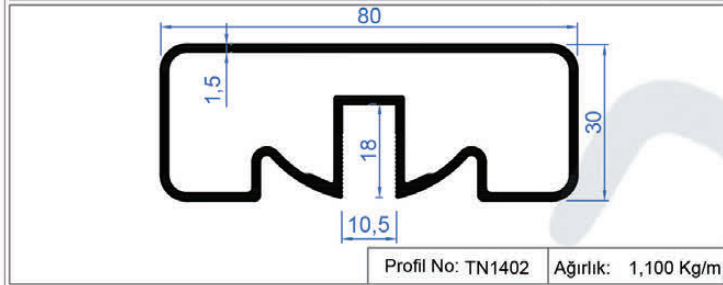
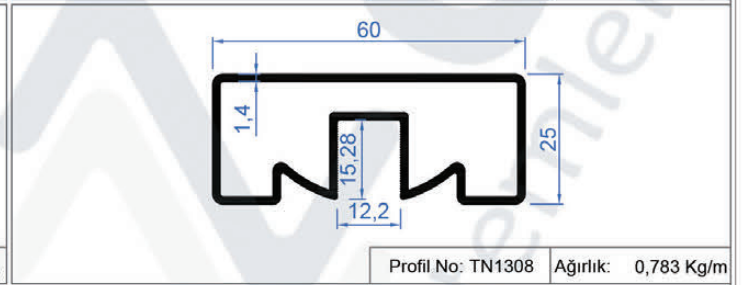
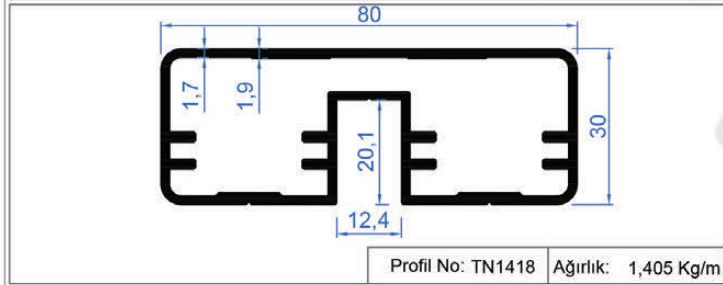
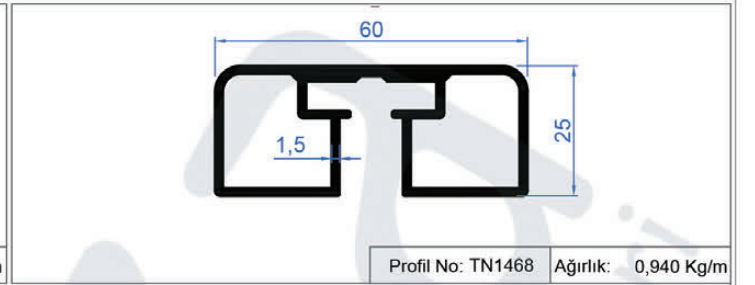
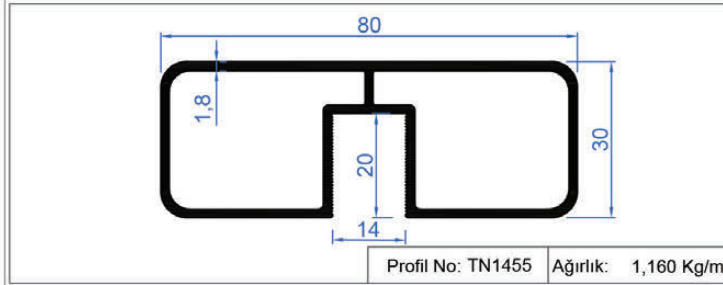
Ağırlık: 0,783 Kg/m

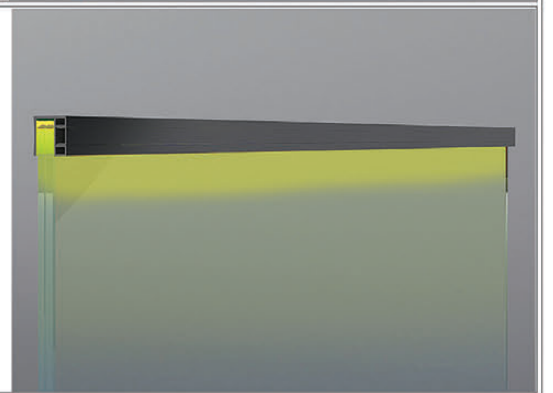
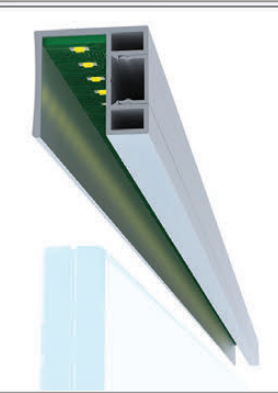
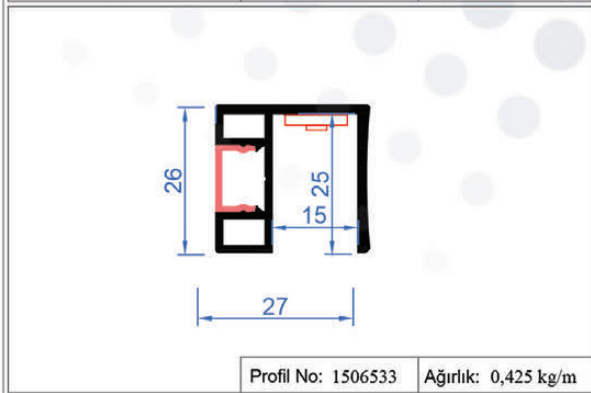
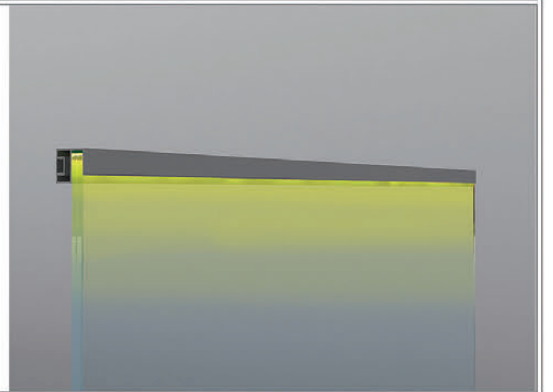
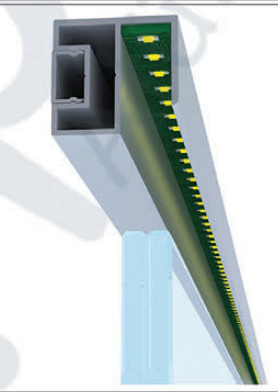
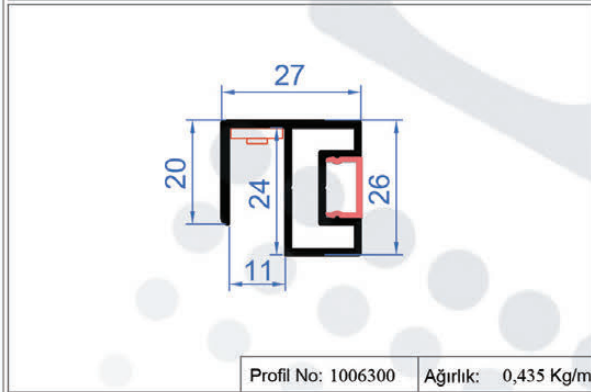
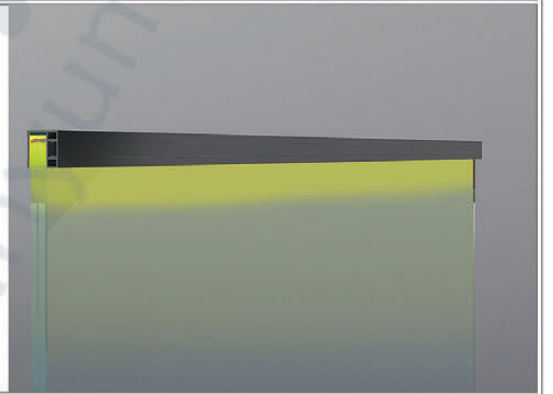
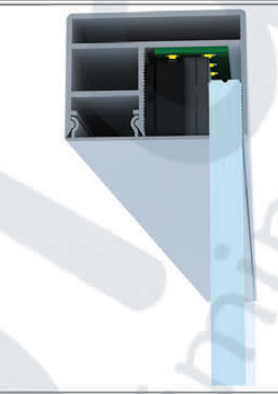
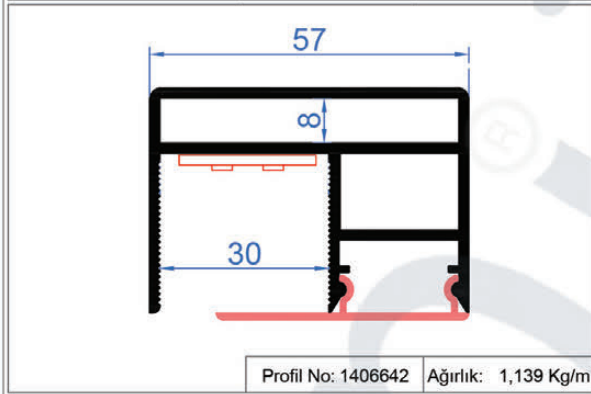
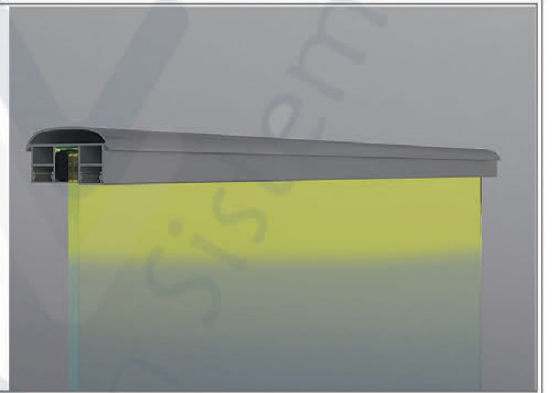
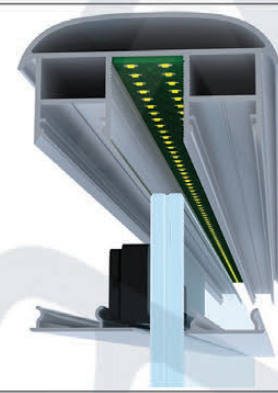
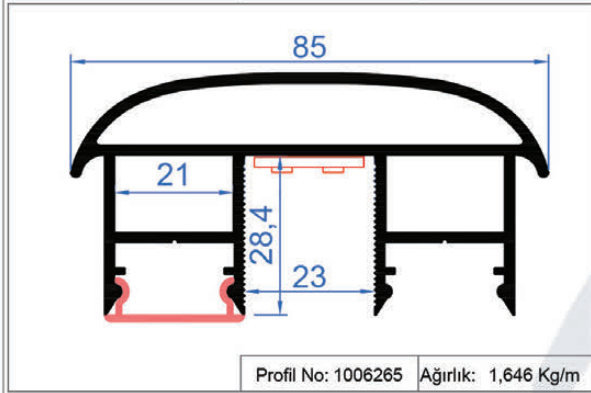
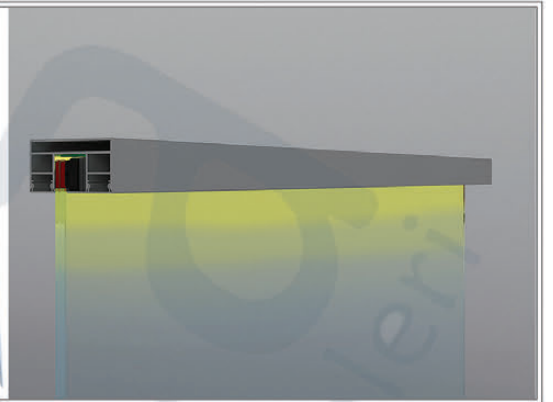
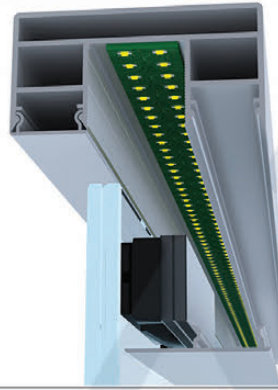
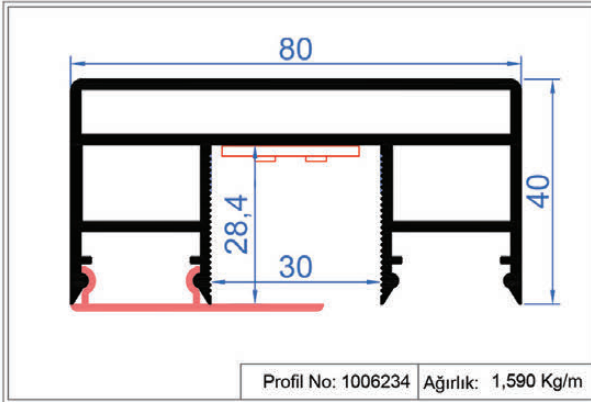
25 x 60 Küpeşte

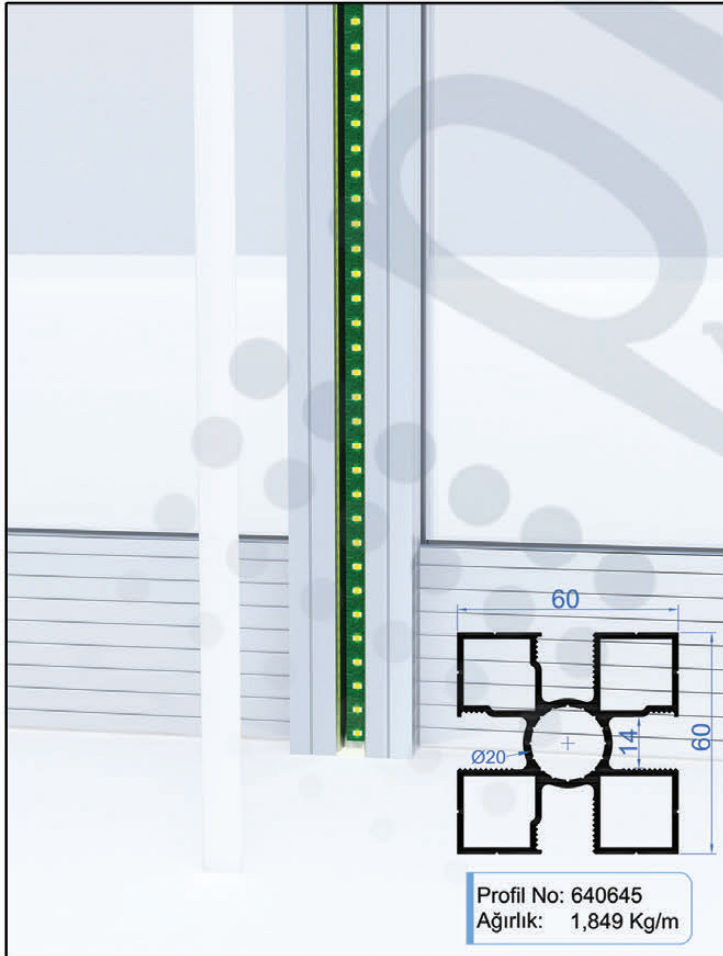
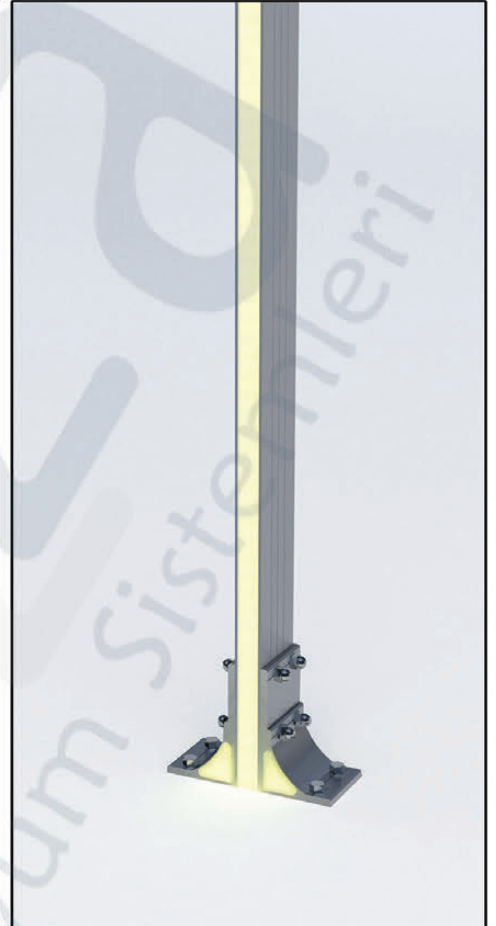
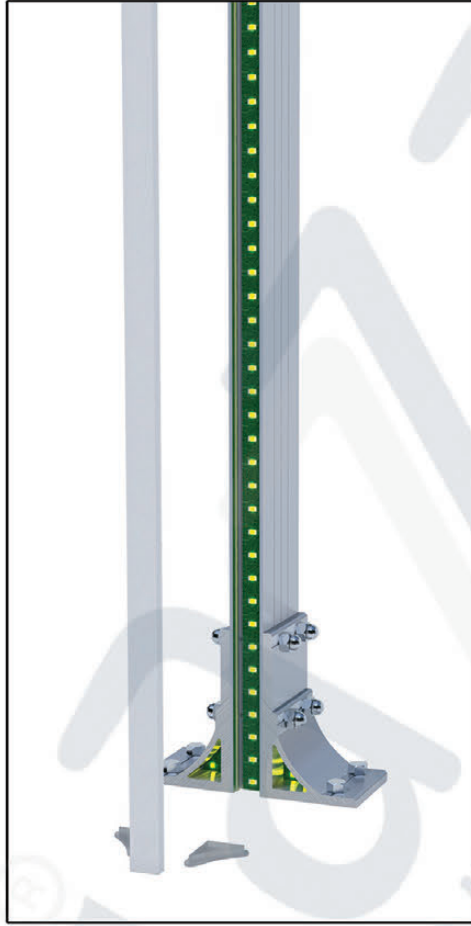
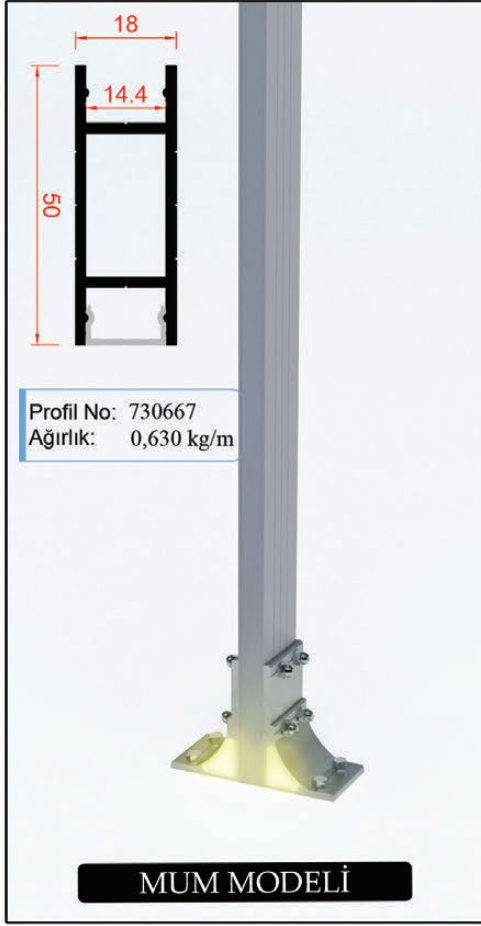


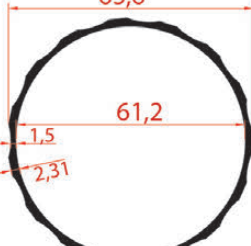
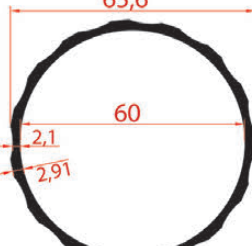
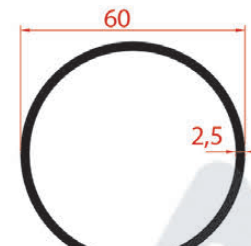
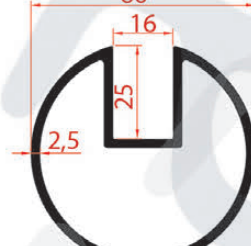
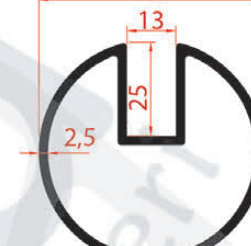
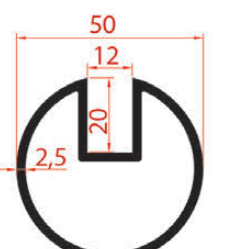
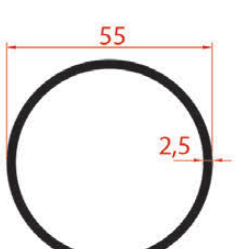
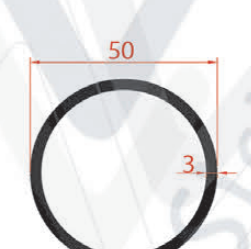
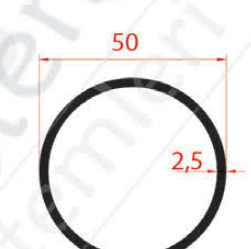
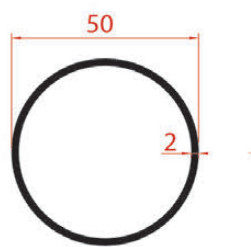
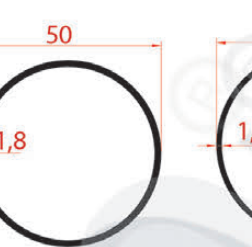
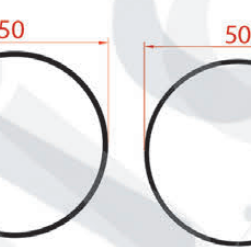
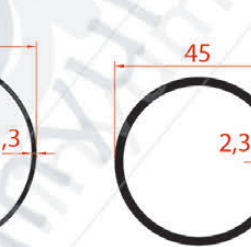
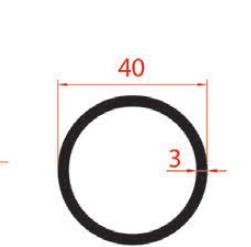
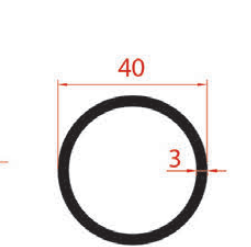
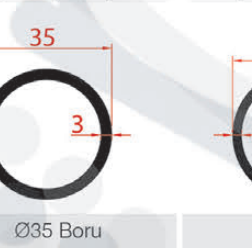
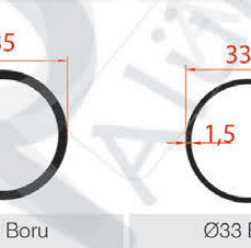
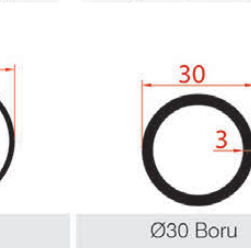
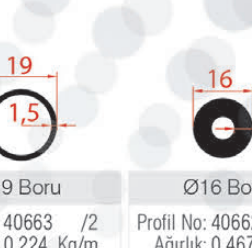
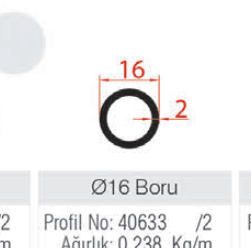
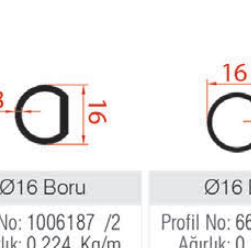
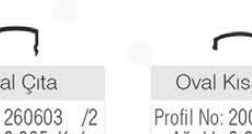
**EZBER BOZANDIKEY BARIYERLİ
PATLATILMIŞ YATAY TAŞIYICI PROFİL DETAYLARI**

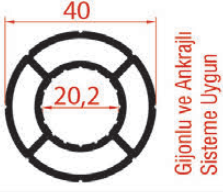








 Ø65 Boru Profil No: 810636 /2 Ağırlık: 1,067 Kg/m	 Ø65 Boru Profil No: 200669 /2 Ağırlık: 1,374 Kg/m	 Ø60 Boru Profil No: 40623 /2 Ağırlık: 1,200 Kg/m	 Ø60 Yarıklı Boru Profil No: 450670 /2 Ağırlık: 1,545 Kg/m	 Ø60 Yarıklı Boru Profil No: 800685 /2 Ağırlık: 1,550 Kg/m		
 Ø50 Yarıklı Boru Profil No: 1106098 /2 Ağırlık: 1,266 Kg/m	 Ø55 Boru Profil No: 40661 /2 Ağırlık: 1,115 Kg/m	 Ø50 Boru Profil No: 40653 /2 Ağırlık: 1,560 Kg/m	 Ø50 Boru Profil No: 40629 /2 Ağırlık: 1,196 Kg/m	 Ø50 Boru Profil No: 40660 /2 Ağırlık: 1,010 Kg/m		
 Ø50 Boru Profil No: 40627 /2 Ağırlık: 0,815 Kg/m	 Ø50 Boru Profil No: 810637 /2 Ağırlık: 0,734 Kg/m	 Ø50 Boru Profil No: 800683 /2 Ağırlık: 0,616 Kg/m	 Ø50 Boru Profil No: 680665 /2 Ağırlık: 0,537 Kg/m	 Ø45 Boru Profil No: 40628 /2 Ağırlık: 0,851 Kg/m	 Ø40 Boru Profil No: 40665 /2 Ağırlık: 0,942 Kg/m	
 Ø40 Boru Profil No: 40607 /2 Ağırlık: 0,797 Kg/m	 Ø35 Boru Profil No: 40638 /2 Ağırlık: 0,813 Kg/m	 Ø35 Boru Profil No: 810623 /2 Ağırlık: 0,689 Kg/m	 Ø33 Boru Profil No: 950610 /2 Ağırlık: 0,405 Kg/m	 Ø30 Boru Profil No: 40657 /2 Ağırlık: 0,686 Kg/m	 Ø30 Dikme Profil No: 200632 /2 Ağırlık: 0,940 Kg/m	
 Ø30 Boru Profil No: 330619 /2 Ağırlık: 0,475 Kg/m	 Ø19 Boru Profil No: 40663 /2 Ağırlık: 0,224 Kg/m	 Ø16 Boru Profil No: 40662 /2 Ağırlık: 0,467 Kg/m	 Ø16 Boru Profil No: 40633 /2 Ağırlık: 0,238 Kg/m	 Ø16 Boru Profil No: 1006187 /2 Ağırlık: 0,224 Kg/m	 Ø16 Boru Profil No: 660651 /2 Ağırlık: 0,167 Kg/m	 14x14 Kare Boru Profil No: 1506510 /2 Ağırlık: 0,232 Kg/m
 Düz Çıta Profil No: 1006123 /2 Ağırlık: 0,059 Kg/m	 Oval Çıta Profil No: 260603 /2 Ağırlık: 0,065 Kg/m	 Oval Kısa Çıta Profil No: 200633 /2 Ağırlık: 0,054 Kg/m	 Yatay Taşıyıcı Kapağı Uzun Profil No: 1006257 /2 Ağırlık: 0,167 Kg/m	 Yatay Taşıyıcı Kapağı Kısa Profil No: 1006267 /2 Ağırlık: 0,097 Kg/m	 Dikey Bariyer Profil No: 1006124 /2 Ağırlık: 0,208 Kg/m	



Ø40 Kapaksız Dikme
Profil No: 1006281 /3
Ağırlık: 1,002 Kg/m



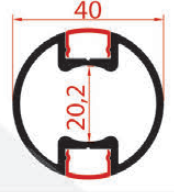
Ø40 Tek Kapaklı Dikme
Profil No: 1006216 /3
Ağırlık: 0,826 Kg/m



Ø40 İki Kapaklı Dikme
Profil No: 690668 /3
Ağırlık: 1,031 Kg/m



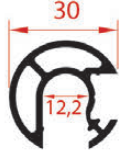
Ø40 İki Kapaklı Dikme
Profil No: 260601 /3
Ağırlık: 1,240 Kg/m



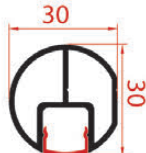
Ø40 İki Kapaklı Dikme
Profil No: 380695 /3
Ağırlık: 0,840 Kg/m



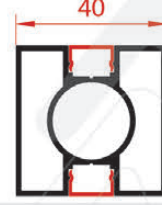
Ø30 İki Kapaklı Dikme
Profil No: 630690 /3
Ağırlık: 0,680 Kg/m



Ø30 İki Kapaklı Dikme
Profil No: 630692 /3
Ağırlık: 0,589 Kg/m



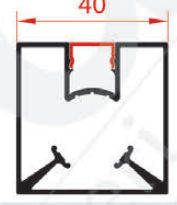
Antares Boru
Profil No: 1006157 /3
Ağırlık: 0,510 Kg/m



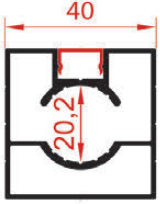
Kare Dikme (Çift Kapaklı)
Profil No: 1206089 /3
Ağırlık: 1,000 Kg/m



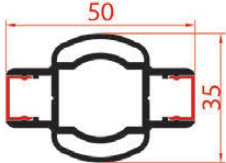
Kare Dikme (Çift Kapaklı)
Profil No: 1206088 /3
Ağırlık: 0,910 Kg/m



Kare Dikme (Merkezsiz)
Profil No: 1506501 /3
Ağırlık: 0,850 Kg/m



40x40 Kare Dikme
Profil No: 1406631 /3
Ağırlık: 0,941 Kg/m



50x35 Kare Dikme
Profil No: KM14071 /3
Ağırlık: 0,993 Kg/m



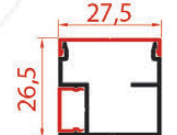
Cam Alt Bazası
Profil No: 1406632 /3
Ağırlık: 0,472 Kg/m



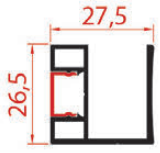
Cam Üst Bazası
Profil No: 1406630 /3
Ağırlık: 0,392 Kg/m



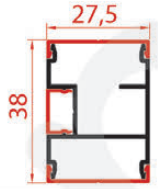
Kapaksız Yatay Taşıyıcı
Profil No: 1006300 /3
Ağırlık: 0,435 Kg/m



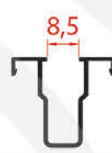
Kapaklı Yatay Taşıyıcı
Profil No: 1006256 /3
Ağırlık: 0,319 Kg/m



Kapaksız Yatay Taşıyıcı
Profil No: 1506533 /3
Ağırlık: 0,425 Kg/m



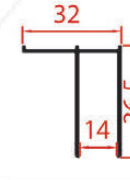
İki Kapaklı Yatay Taşıyıcı
Profil No: 1006266 /3
Ağırlık: 0,375 Kg/m



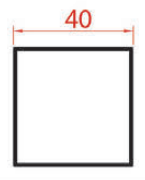
Cam Yuvası
Profil No: 1006263 /3
Ağırlık: 0,251 Kg/m



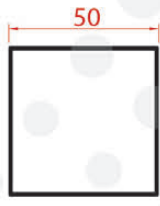
Tel Örgü Çıtası
Profil No: 1006276 /3
Ağırlık: 0,095 Kg/m



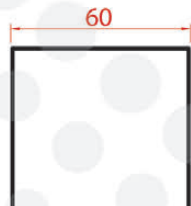
Cam Bitiş Profili
Profil No: 690649 /3
Ağırlık: 0,320 Kg/m



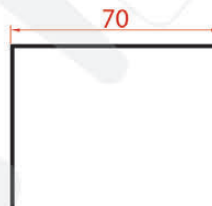
40x40 Baba Dikme
Profil No: 3206 /3
Ağırlık: 0,821 Kg/m



50x50 Baba Dikme
Profil No: 1606 /3
Ağırlık: 0,937 Kg/m



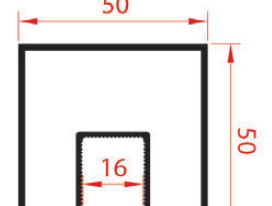
60x60 Baba Dikme
Profil No: 3106 /3
Ağırlık: 1,112 Kg/m



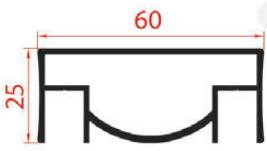
70x70 Baba Dikme
Profil No: 3406 /3
Ağırlık: 2,851 Kg/m



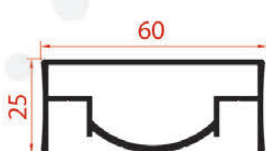
80x80 Baba Dikme
Profil No: 8006 /3
Ağırlık: 1,685 Kg/m



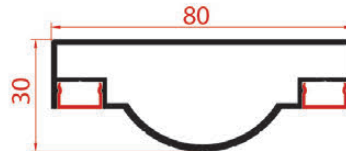
50'lik Düz Küpeşte
Profil No: 1506497 /3
Ağırlık: 1,145 Kg/m



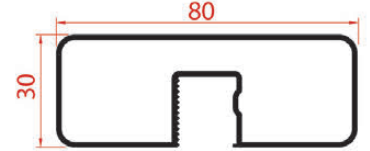
60x25 Düz Küpeşte
Profil No: 1406633 /3
Ağırlık: 0,852 Kg/m



60x25 Düz Küpeşte
Profil No: 1506537 /3
Ağırlık: 0,818 Kg/m



80x30 Düz Küpeşte
Profil No: 1006280 /3
Ağırlık: 0,926 Kg/m



80x30 Düz Küpeşte
Profil No: 1506534 /3
Ağırlık: 1,010 Kg/m

**EZBER BOZAN
30 x 80
AKSESUARLAR**



Pİ-0501 30 x 80 90° Sabit Dış Köşe



Pİ-0502 30 x 60 Blerzik



Pİ-0701 30x80 Duvar Flanşı

**ZEMİN
BAĞLANTI FLANŞ**



Pİ-0321 Düz Flanş



Pİ-0322 Tek Açılı Flanş



Pİ-0323 Çift Açılı Flanş

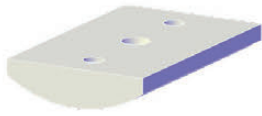
MAFSAL



Pİ-0321 Sabit Mafsal



Pİ-0322 Deve Boynu (Dış Bükey) Mafsal **Pİ-0323** Kulaklı Deve Boynu Mafsal



Pİ-0321 Düz Flanş



Pİ-0321 Hareketli Laması



Pİ-0322 Dikme plastiği

Deve Boynu (Dış Bükey) Mafsal Bağlantı Detayı



HAREKETLİ
MAFSALLAR



PI-0101 35'lik Hareketli Mafsal (Gijonlu)



PI-0102 40'lık Hareketli Mafsal



PI-0103 40x40 Hareketli Mafsal



PI-0104 50'lik Hareketli Mafsal



PI-0105 40x40 Şapkalı Hareketli Mafsal



PI-0106 40'lık Şapkalı Hareketli Mafsal



PI-0107 50'lik Şapkalı Hareketli Mafsal



PI-0108 40'lık Hareketli Mafsal (Gijonlu)



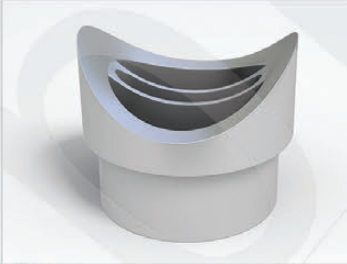
PI-0201 35'lik Sabit Mafsal



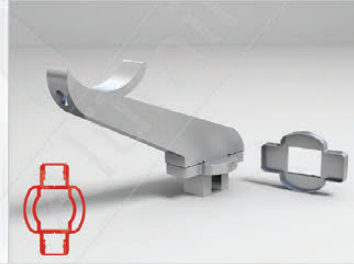
PI-0202 40'lık Sabit Mafsal



PI-0203 40x40 Sabit Mafsal



PI-0204 50x50 Sabit Kurtağı



PI-0205 50x35 Sabit Mafsal Takımı



PI-0206 40x40 Şapkalı Sabit Mafsal



PI-0207 40'lık Şapkalı Sabit Mafsal



PI-0208 35x50 Kurtağı Mafsal



PI-0209 40x40 Kurtağı Mafsal



PI-0210 40x50 Kurtağı Mafsal



PI-0211 16x30 Kurtağı Mafsal



PI-0212 16x30 Kurtağı Mafsal



PI-0213 40'lık Sabit Mafsal (Gijonlu)

ZEMİN
FLANŞLARI

Gijonlu Sistem



PI-0301 35'lik Dikme Ayağı



PI-0302 40'lık Yer Flanşı

Gijonlu Sistem



PI-0303 40'lık Dikme Ayağı



PI-0315 50x35 Yer Flanşı

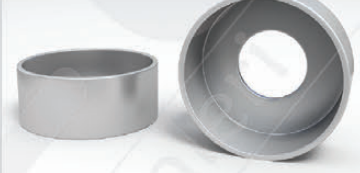


PI-0313 40'lık Dekorlu Yer Flanşı

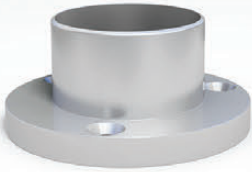
Gijonlu Sistem



PI-0309 50'lik Dikme Ayağı



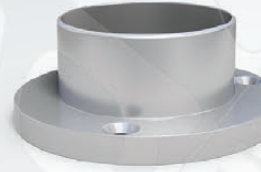
PI-0308 50'lik Yer Flanşı



PI-0304 40'lık Dıştan Vidalı Yer Flanşı



PI-0305 40'lık Flanş Kapağı



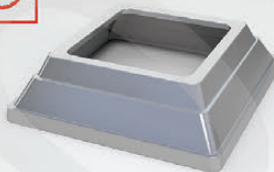
PI-0310 50'lik Dıştan Vidalı Yer Flanşı



PI-0311 50'lik Flanş Kapağı



PI-0307 40x40 Yer Flanşı



PI-0314 40x40 Sac Yer Flanşı



PI-0306 40'lık Dekorlu Sac Yer Flanşı



PI-0312 50'lik Dekorlu Sac Yer Flanşı



PI-0316 40'lık Uzun Yer Flanşı



PI-0317 40'lık Dekorlu Uzun Yer Flanşı



PI-0318 50'lik Uzun Yer Flanşı



PI-0319 40x40 Palmiye Yer Flanşı

Açılı yüzeylerde kesilerek kullanılır.

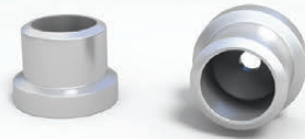
Açılı yüzeylerde kesilerek kullanılır.

Açılı yüzeylerde kesilerek kullanılır.

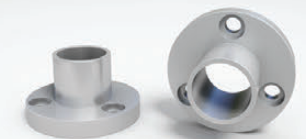


PI-0320 40x40 Dıştan Vidalı Yer Flanşı

DUVAR
FLANŞLARI



PI-0401 16'lık İçten Vidalı Duvar Flanşı



PI-0402 16'lık Dıştan Vidalı Duvar Flanşı





PI-0511 50'lik 90° Dirsek



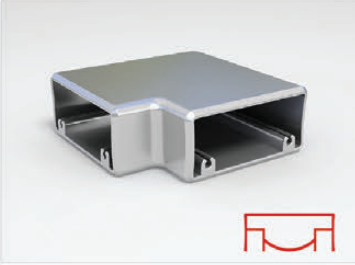
PI-0512 50'lik 135° Dirsek



PI-0513 50'lik 90° Takozlu Dirsek



PI-0514 50'lik 135° Takozlu Dirsek



PI-0515 60x25 90° Dirsek



PI-0516 60x25 135° Dirsek



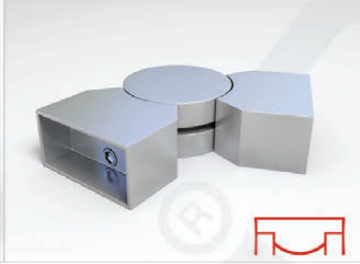
PI-0518 45-90-45 Açılı Dirsek



PI-0519 90-45 Açılı Dirsek



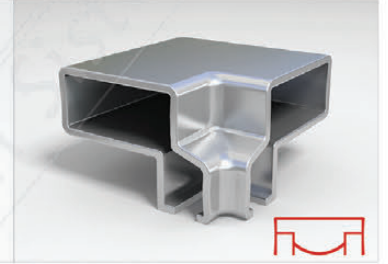
PI-0520 45 Açılı Dirsek



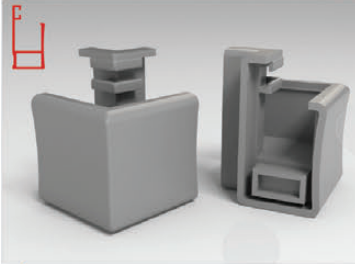
PI-0521 90 Açılı Dirsek



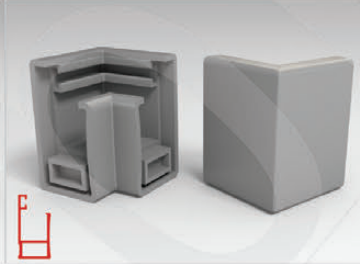
PI-0522 60x25 90° Sabit Dış Köşe



PI-0523 60x25 90° Sabit İç Köşe



PI-0524 Cam Baza Pls. Dış Köşe



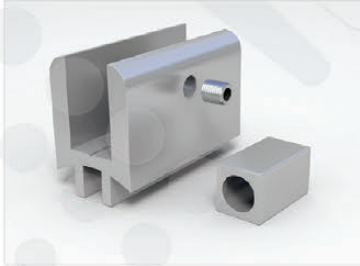
PI-0525 Cam Baza Pls. İç Köşe



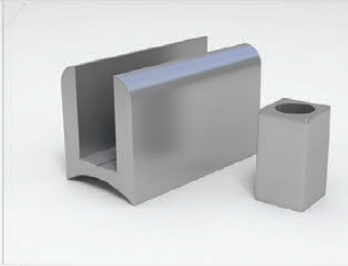
PI-0528 14x14 Bariyer Küre Dirsek



PI-0527 14x14 Bariyer Küre Dirsek



PI-0601 Frezeli Cam Tutucu



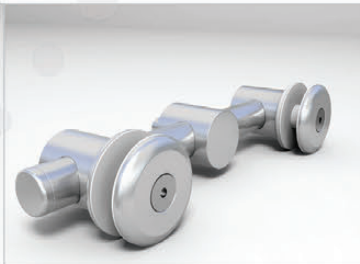
PI-0602 Frezesiz Cam Tutucu



PI-0603 Kapaklı ve Fitilli Cam Tutucu



PI-0604 Spider Cam Tutucu Tekli



PI-0605 Spider Cam Tutucu İkili



PI-0606 Piazza Cam Tutucu Tekli



PI-0607 Piazza Cam Tutucu İkili



PI-0608 Cam Takoza

PI-0609 Vidalı Cam Tutucu

PI-0610 Dübelli Cam Tutucu

PI-0911 30'luk Duvar Pulu



PI-0701 14x14 Tapa



PI-0702 16'lik Tapa



PI-0703 16'lik Vida Gizleme Tapası



PI-0704 19'luk Tapa



PI-0705 19'luk Vida Gizleme Tapası



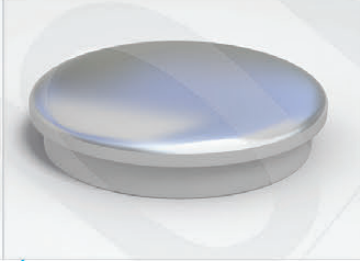
PI-0706 25'lik Tapa



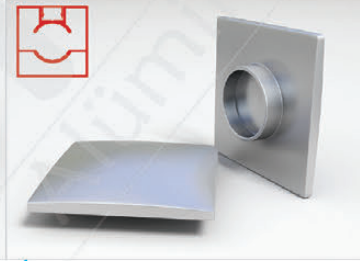
PI-0707 35'lik Tapa



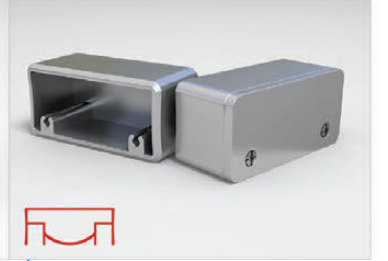
PI-0708 40'lik Tapa



PI-0709 50'lik Tapa



PI-0710 40x40 Kare Tapa



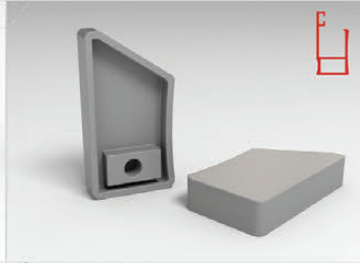
PI-0711 60x25 Tapa



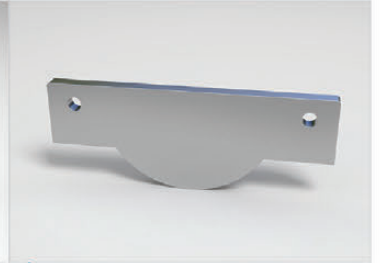
PI-0712 11x17 Plastik Tapa



PI-0713 Antares Tapa



PI-0714 Cam Baza Duvar/Bitiş Flanşı



PI-0715 80mm Düz Küpeşte Kapağı



PI-0716 16'lik Mum Tapa



PI-0718 16'lik Topuz Tapa



PI-0719 16'lik Mızrak Tapa



PI-0717 16'lik Sivri Tapa

BİLEZİKLER



PI-0801 16'lık Bilezik



PI-0802 19'luk Bilezik



PI-0803 35'lik Bilezik



PI-0804 40'lık Bilezik



PI-0805 50'lik Bilezik

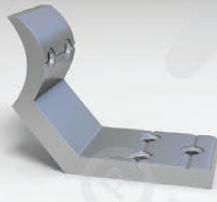


PI-0806 60x25 Bilezik

YANDAN
BAĞLANTI
APARATLARI



PI-0901 90° Duvar 'L' Bağlantı



PI-0902 135° Duvar 'L' Bağlantı



PI-0903 50'lik Duvar 'T' Bağlantı



PI-0904 Dübelli Duvar Dibi Bağlantı



PI-0905 40'lık Dikme Yan Bağlantı



PI-0906 40x40 Dikme Yan Bağlantı



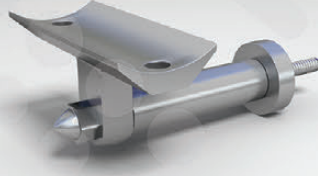
PI-0907 30'luk Çift Tatarlı Kurtağı



PI-0908 30'luk Duvar Pulu



PI-0909 Cam Bağlantılı Küpeşte Tutucu



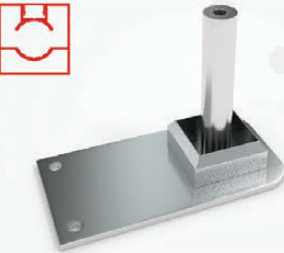
PI-0910 Vidalı Duvar Dibi Bağlantı



PI-0911 35'lik Dikme Uzatma Aparatı



PI-0912 40'lık Dikme Uzatma Aparatı



PI-0913 40x40 Dikme Uzatma Aparatı

DİĞER
AKSESUARLAR



PI-1002 16'lık Boru Tutamağı



PI-1003 19'luk Boru Tutamağı

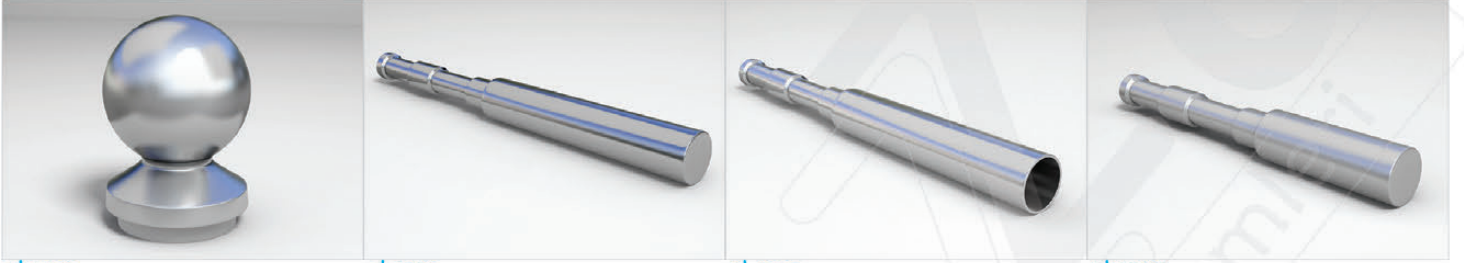


Pİ-1004 35'lik Topuz

Pİ-1005 40'lik Topuz

Pİ-1006 40x40 Dikme Topuzu

Pİ-1007 50'lik Topuz

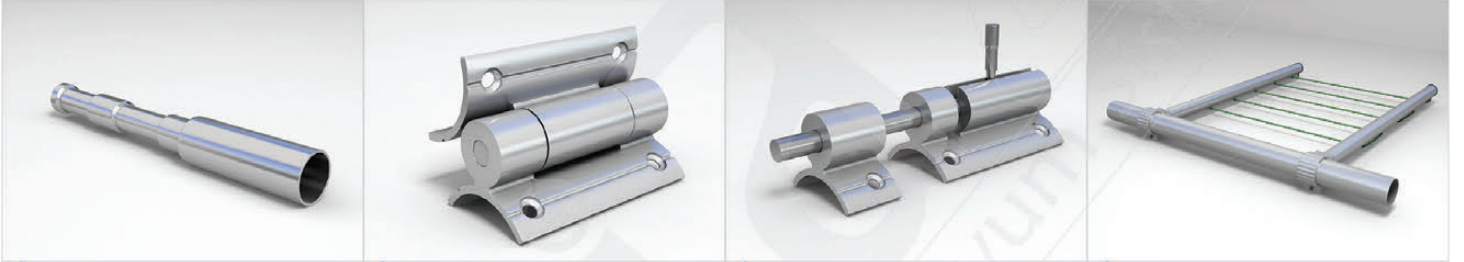


Pİ-1020 70'lik Topuz

Pİ-1008 20cm Dolu Ankraj (Galvanizli Metal)

Pİ-1009 20cm Boş Ankraj (Galvanizli Metal)

Pİ-1010 15cm Dolu Ankraj (Galvanizli Metal)



Pİ-1011 15cm Boş Ankraj (Galvanizli Metal)

Pİ-1012 Kapı Menteşesi

Pİ-1013 Kapı Sürgü Kilit

Pİ-1014 Çamaşırılık



Pİ-1015 Kimyasal Yapıştırıcı

Pİ-1016 Tabanca

Pİ-1017 8metrik Gijon Takımı

Pİ-1018 Oval Dikme İçin Kurtağızı Aparat



Pİ-1019 Kare Dikme İçin Kurtağızı Aparat

Pİ-1021 50'lik Küpeşteyi Öne Çıkaran M.

Pİ-1022 16'lık Dekorlu Flanş

Pİ-1023 16'lık Boncuk Dekorlu Flanş

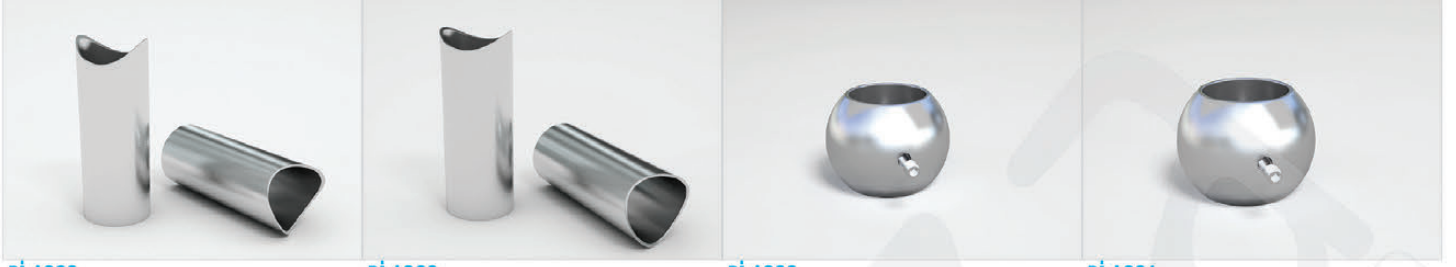


Pİ-1024 40'lık Dekorlu Flanş

Pİ-1025 40'lık Dikme Dekoratif Flanş

Pİ-1026 40'lık Çam Dekorlu Flanş

Pİ-1027 35x35 Kurtağızı



Pİ-1028 35x40 Kurtağzı

Pİ-1029 35x50 Kurtağzı

Pİ-1030 16'lık Bariyer Aksesuarı

Pİ-1031 19'luk Bariyer Aksesuarı



Pİ-1032 50'lik Kristal Topuz

Pİ-1033 70'lik Kristal Topuz

Pİ-1034 80'lik Kristal Topuz

Pİ-1035 80'lik Pleksi Topuz

PLEKSİ DİKMELER ve BAŞLANGIÇLAR



PB 1001
DEKORLU PLEKSİ BAŞLANGIÇ

PB 1002
DÜZ BALONLU PLEKSİ BAŞLANGIÇ

PB 1003
DEKORLU PLEKSİ BAŞLANGIÇ

PB 1004
DEKORLU PLEKSİ BAŞLANGIÇ



PB 1005
DEKORLU PLEKSİ BAŞLANGIÇ



PB 1006
DÜZ PLEKSİ BAŞLANGIÇ



PD 1001
DÜZ PLEKSİ DİKME



PD 1002
DÜZ PLEKSİ DİKME



PD 1003
DÜZ PLEKSİ DİKME



PD 1004
DÜZ PLEKSİ DİKME



PD 1005
DÜZ PLEKSİ DİKME



PD 1006
ÜÇ BÖLMELİ DÜZ PLEKSİ DİKME



BUREAU VERITAS
Certification

Kalite Yönetim Sistem Belgesi
ARSLAN ALÜMİNYUM SANAYİ VE
TİCARET LTD. ŞTİ.

SAHA 1: 1.ORGANİZE SANAYİ BÖLGESİ
BİLECİK, TÜRKİYE
SAHA 2: 2.ORGANİZE SANAYİ BÖLGESİ
11030 BİLECİK, TÜRKİYE

Bureau Veritas Belgelendirme yukarıda adı geçen kuruluşun, Kalite Yönetim Sisteminin aşağıda belirtilen Kalite Standardı gereklerine uygunluğunu değerlendirmiş olup, onaylamaktadır.

Standart
ISO 9001:2008

Belgelendirme Kapsamı
EKSTRÜZYON İMALAT YÖNTEMİ İLE ALÜMİNYUM PROFİL ÜRETİMİ, ELOKSAL KAPLAMA, TOZ BOYA VE DESEN KAPLAMA, DEKORATİF PANEL ÜRETİMİ, DÖKÜM İMALAT YÖNTEMİ İLE ALÜMİNYUM BİLECEK ÜRETİMİ

Belgelendirme Dönüşüm Başlangıç Tarihi: 09 ŞUBAT 2007
09 ŞUBAT 2016 tarihine kadar geçerli olan bu sertifikasyon, geçerliliği Bureau Veritas tarafından periyodik olarak kontrol edilmektedir.

Orjinal Sertifikat Tarihi: 09 ŞUBAT 2007
Sertifika Numarası: TR32841 Versiyon No, Revizyon Tarihi: 07 ŞUBAT 2013

HAKAN KÜNCİ
Belgelendirme Müdürü

Sertifikasyon Ofisi: Brandon House, 180 Borough High Street, London SE1 1LB, UK
Lokal Ofis: Bureau Veritas Gıda Sanayi Hizmetleri Ltd.Şti.
Adresler: Sanayi Çukukları, Çarşın 11. Mah. No:3 Kat:1 34854, Kağıthane, İstanbul, TÜRKİYE

Belge kapsamı ve ilgili standartların gerekliliklerinin uygulanabilirliği ile ilgili ayrıntılı bilgiler, belgelendirme kuruluşundan temin edilebilir.
Belge geçerliliği: +90 216 516 40 30 telefon numarasından teyit edilebilir.

Sayfa 1/1

TSE
TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark
TSE veya TSE veya TSE

BELGE NUMARASI 26/TSE/073
REFERENCE NUMBER OF LICENCE
BELGENİN İLK VERİŞ TARİHİ 15.12.2000
DATE OF FIRST ISSUE OF LICENCE
BELGENİN SON GEÇERLİLİK TARİHİ 15.12.2013
LICENCE VALID UNTIL
BELGE SAHİBİ KURULUŞUN ADI ARSLAN ALÜMİNYUM SANAYİ TİCARET LİMİTED ŞİRKETİ
NAME OF THE LICENCE HOLDER
BELGE SAHİBİ KURULUŞUN ADRESİ HÜRRİYET MAH.DR.CEMİL BENGÜ CAD.NO:28 KAĞITHANE İSTANBUL
ADDRESS OF THE LICENCE HOLDER
ÜRETİM YERİ ADI ARSLAN ALÜMİNYUM SANAYİ TİCARET LİMİTED ŞİRKETİ
NAME OF THE MANUFACTURING PLACE
ÜRETİM YERİ ADRESİ ORGANİZE SANAYİ BÖLGESİ NO:40 BİLECİK
ADDRESS OF THE MANUFACTURING PLACE
İPTAL EDİLEN BELGE NUMARASI (Varsa) ARSLAN ALÜMİNYUM SANAYİ VE TİCARET LİMİTED ŞİRKETİ
INDICATION OF SUPERSEDED LICENCE (if any)
TESCİLİ TİCARİ MARKASI REGISTERED TRADE MARK
İLGİLİ TÜRK STANDARDI TS 4922 / 27.10.1986
RELATED TURKISH STANDARD
BELGE KAPSAMI ALÜMİNYUM VE ALÜMİNYUM ALAŞIMLARI, ELOKSAL KALİTESİNE UYGUN, BİNA İÇİ KURU ORTAMLARDA VE BİNA DIŞINDA KULLANILAN, EN AW 6005 (AlMgSi) -EN AW 6063 (AlMgSi) (21.09.2011 KAP.GEN.)
SCOPE OF LICENCE

İSMAIL KAYNARCA
ESKİŞEHİR ÜRÜN BELGELENDİRME MÜDÜRÜ

Sayfa 1/1

CE
2195

FABRİKA ÜRETİM KONTROL BELGESİ
NO: 2195 – CPD – 1128401

Ürün Spesifikasyon Gereklilikleri:
Ürün Şartları: EN 15088 Madde 4.3 ve Tablo 1
Genel Uygulama/Değerlendirme ve test metodları: EN 755-1
Kimyasal Kompozisyon: EN 755-2
Mekanik Özellikler: EN 755-3
Sayısal Gösterilgi: EN 573-1

ÜRÜN	GENEL ŞARTLAR	SPESİFİK ŞARTLAR		BOYUTLAR	ALAŞIM
		Mekanik Özellikler	Tolerans		
Yuvarlak Çubuklar	EN 755-1	EN 755-3	Ø 8 mm ila 360 mm aralığı	EN AW 6005	
Kare Kesitli Çubuklar		EN 755-4	10 X10 mm ila 200X200mm aralığı		
Dikdörtgen Kesitli Çubuklar		EN 755-5	t=2 mm ila 240 mm w= 10 mm ila 380 mm aralığı		EN AW 6060
Altıgen Kesitli Çubuklar		EN 755-6	10 mm ila 200 mm aralığı		EN AW 6061
Dikisiz Borular		EN 755-7	OD= 8 mm ila 360 mm aralığı		EN AW 6063
Profiller	EN 12020-1	EN 755-9	Cevre Çember 10 mm ila 305 mm aralığı	EN AW 6060	
Hassas Profiller		EN 12020-2	Cevre Çember 10 mm ila 305 mm aralığı	EN AW 6063	

SZUTEST
TEKNİK KONTROL BELGELENDİRME HİZM. TİC. LTD. ŞTİ.
ONAYLANMIŞ KURULUŞ 2195

İzmir Mah. Karşıyaka Cad.No: 148 Kat:3-4
ATAŞEHİR - İSTANBUL / TÜRKİYE
Tel: +90 216 489 46 66 Fax: +90 216 489 46 67
Web: szutest.com.tr e-mail: info@szutest.com.tr

Sayfa 2/2

CE
2195

FABRİKA ÜRETİM KONTROL BELGESİ
NO: 2195 – CPD – 1128401

Üye Devletlerin kanunlarının, yönetmeliklerinin ve idari dokümanlarının yapı malzemeleri ile ilgili olarak uygulanması amacıyla Avrupa Birliği Konseyi'nin 21 Kasım 1988 tarihli ve 89/106/EEC sayılı Yönetmeliği ile bu yönetmeliğin Avrupa Birliği Konseyince tadil olan 22 Haziran 1993 tarihli 93/63/EEC sayılı Yönetmeliğe göre;

ARSLAN ALÜMİNYUM SANAYİ VE TİC. LTD. ŞTİ.
Hürriyet Mahallesi Dr. Cemil Bengü Cad. No:40 Kağıthane/İSTANBUL-TÜRKİYE
firması tarafından

Fabrika 1: 1. Organize Sanayi BİLECİK – TÜRKİYE
Fabrika 2: 2. Organize Sanayi BİLECİK– TÜRKİYE
adreslerindeki fabrikalarında üretilen ve pazara sürülen

Ürün: Alüminyum ve Alüminyum alaşımları—Yapı İşleri için yapısal ürünler

Ürün Tipi: Bakınız Sayfa 2

Tanımlı ürünler, üretici tarafından başlangıç, tip deneylerine tabi tutulmuş, düzenli deneyler yapılarak fabrika üretim kontrolü gerçekleştirilmiş ve SZUTEST TEKNİK KONTROL VE BELGELENDİRME HİZMETLERİ TİC. LTD.ŞTİ. Onaylanmış Kuruluş olarak fabrikaları ve fabrika üretim kontrolünün ilk incelemeini gerçekleştirmiş olup, fabrika üretim kontrolünü sürekli gözetmekte, tetkik etmekte ve değerlendirmektedir.

Bu belge ile,
EN 15088:2005
teknik şartnamesinin EK ZA bölümünde ortaya konan tüm uygunluk teyidi ve performans şartlarının uygulandığı gösterilmektedir.

Bu belge 11.10.2011 tarihinde düzenlenmiş olup uygulanmış teknik şartnamede yer alan tüm şartlar, üretim şartları veya fabrika üretim kontrol sistemi önemli ölçüde değişmediği sürece ve fabrika üretim kontrol sistemi SZUTEST TEKNİK KONTROL VE BELGELENDİRME HİZMETLERİ TİC. LTD.ŞTİ. tarafından denetlenildiği sürece geçerliliğini korur.

Yayın Tarihi:11.10.2011

SZUTEST
TEKNİK KONTROL BELGELENDİRME HİZM. TİC. LTD. ŞTİ.
ONAYLANMIŞ KURULUŞ 2195

İzmir Mah. Karşıyaka Cad.No: 148 Kat:3-4
ATAŞEHİR - İSTANBUL / TÜRKİYE
Tel: +90 216 489 46 66 Fax: +90 216 489 46 67
Web: szutest.com.tr e-mail: info@szutest.com.tr

Genel Müdür

Sayfa 1/2



Authorization to use the quality sign



This is to certify that

ARSLAN ALUMİNYUM SANAYİ VE TİCARET LTD.

1. Organize Sanayi Bölgesi No:1
TR - 11030 Bilecik

Licence number: 1419

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: 12.05.2011
Period of validity of the licence: until 31.12.2013

Zurich, 21 December 2012

QUALICOAT

CERTIFICATION BODY

Mohammed C. Panam
President

Josef Schoppig
AC-Fiduciaire SA



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

Phone: +41 (0)43 305 09 70/79
Fax: +41 (0)43 305 09 98
E-mail: info@qualicoat.net
Internet: www.qualicoat.net

Authorization to use the quality sign



This is to certify that

ARSLAN ALUMİNYUM SANAYİ VE TİCARET LTD.

1. Organize Sanayi Bölgesi No:1
TR - 11030 Bilecik

Licence number: 1612

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

Date of issue of the licence: 20.10.2006
Period of validity of the licence: until 31.12.2013

Zurich, 14 November 2012

QUALANOD

CERTIFICATION BODY

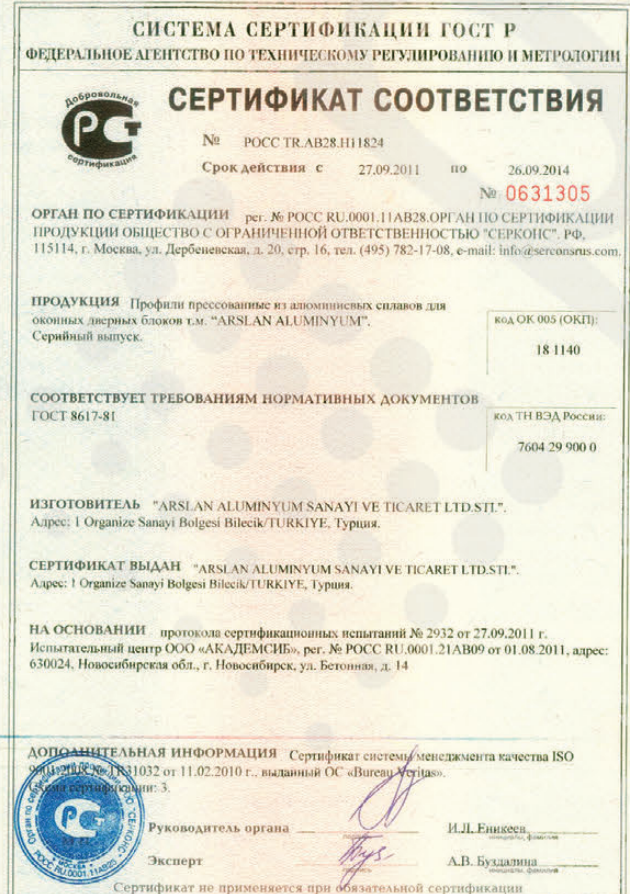
Timur Ulucak
President

Josef 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 70
Fax: +41 (0)43 305 09 98
E-mail: info@qualanod.net
Internet: www.qualanod.net



KORKULUK PATENT

TR 2017 / 09413 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2015 / 04416 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2015 / 09747 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2011 / 09638 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2011 / 06229 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2011 / 07541 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2018 / 05013 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.

TASARIM - ÜRÜN TESCİL

TR 2010 / 06434 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2015 / 04936 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2013 / 04230 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2008 / 02153 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2012 / 04062 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2011 / 03760 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2013 / 04706 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2017 / 03737 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2017 / 03734 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2017 / 03746 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2017 / 03752 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.
TR 2017 / 03748 Numara ile TPE nezdinde TASARIM – ÜRÜN Tescili ' ile Korunmaktadır.

SÜRME PATENT

TR 2015 / 09747 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2016 / 14130 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2017 / 00784 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.
TR 2017 / 00788 Numara ile TPE nezdinde PATENT Tescili ' ile Korunmaktadır.



T.C.
TÜRK PATENT ENSTİTÜSÜ

MARKA TESCİL BELGESİ

Marka No : 2005 42927 - Ticaret

ÖA ÖZ

Marka Sahibi : ÖZ ALÜMİNYUM SANAYİ VE TİCARET LİMİTED
ŞİRKETİ
TÜRKİYE CUMHURİYETİ
Fatin Sk. NO:39 Siteler, Altındağ ANKARA
Emtiası : 06 , 12 , 19
İlişiktir.

Markaların Korunması Hakkında 556 Sayılı Kanun Hükmünde
Kararnameye göre 06/10/2005 tarihinden itibaren ON YIL müddetle
tescil edilmiştir.

Kutay KUMBASAR
Enstitü Başkanı a.
Markalar Dairesi Başkanı

TÜRK PATENT [] ENSTİTÜSÜ



T.C.
TÜRK PATENT ENSTİTÜSÜ

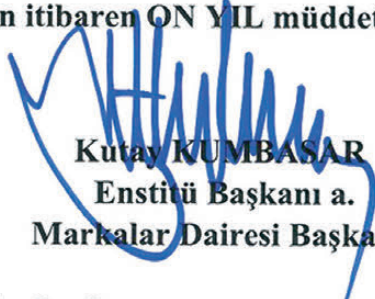
MARKA TESCİL BELGESİ

Marka No : 2006 51784 - Ticaret - Hizmet

PIAZZA

Marka Sahibi : ÖZ ALÜMİNYUM SANAYİ VE TİCARET LİMİTED
ŞİRKETİ
TÜRKİYE CUMHURİYETİ
Fatih Sk. NO:39 Siteler, Altındağ ANKARA
Emtiası : 02 , 06 , 07 , 09 , 17 , 19 , 20 , 35 , 37 , 40
İlişiktir.

Markaların Korunması Hakkında 556 Sayılı Kanun Hükmünde
Kararnameye göre 30/10/2006 tarihinden itibaren ON YIL müddetle
28/08/2008 tarihinde tescil edilmiştir.


Kutay KUMBASAR
Enstitü Başkanı a.
Markalar Dairesi Başkanı

TÜRK PATENT [●] ENSTİTÜSÜ

Piazza, Öz Alüminyum SAN. TİC. LTD. ŞTİ.'nin tescilli markasıdır.



ISI CAMLI ODA



ISICAMLI CAM KORKULUK VE ISICAMLI SÜRME SİSTEMLERİ



NORMAL (DÜZ) CAMLI KORKULUK

Fatin Sokak No:39
Siteler - ANKARA / TÜRKİYE

Tel : [+90 312] 350 3005^{pbx}
Faks : [+90 312] 353 7080

bilgi@ozaluminyum.com.tr
ozaluminyum@ozaluminyum.com.tr
www.ozaluminyum.com.tr
www.piazza.com.tr