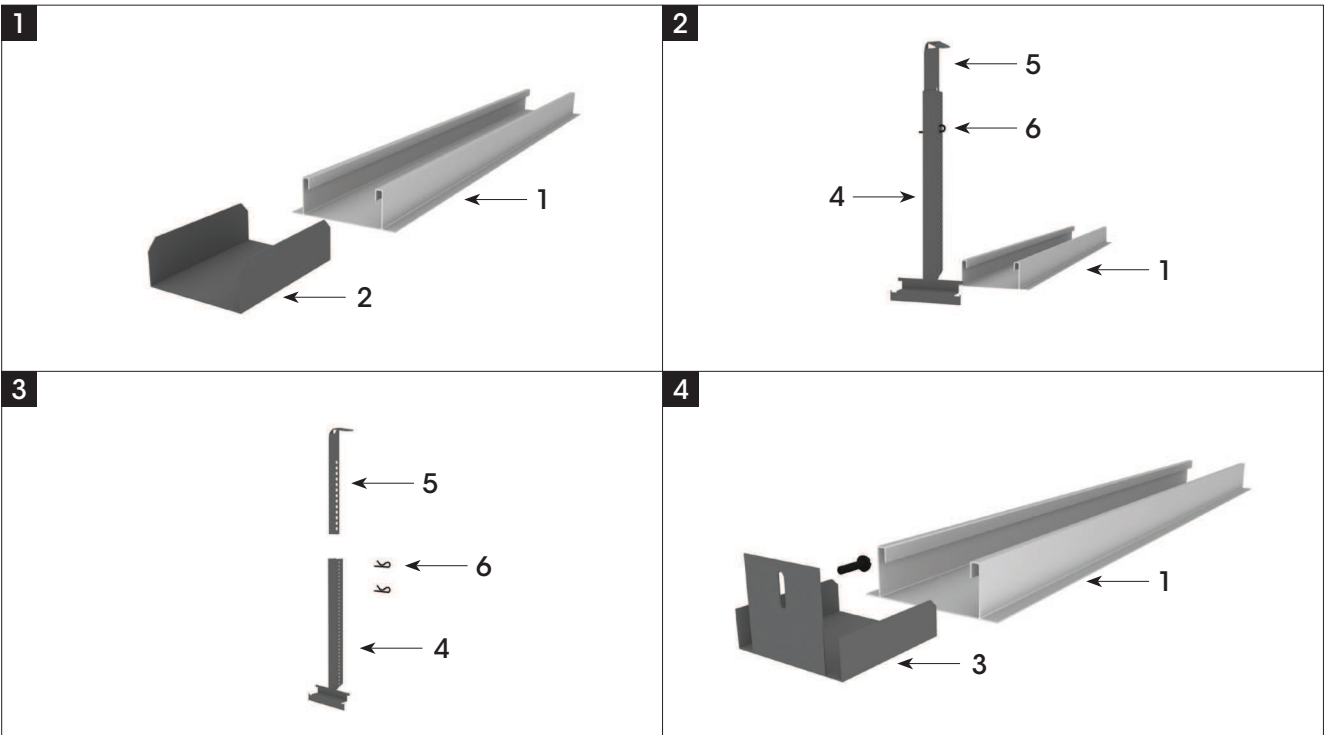
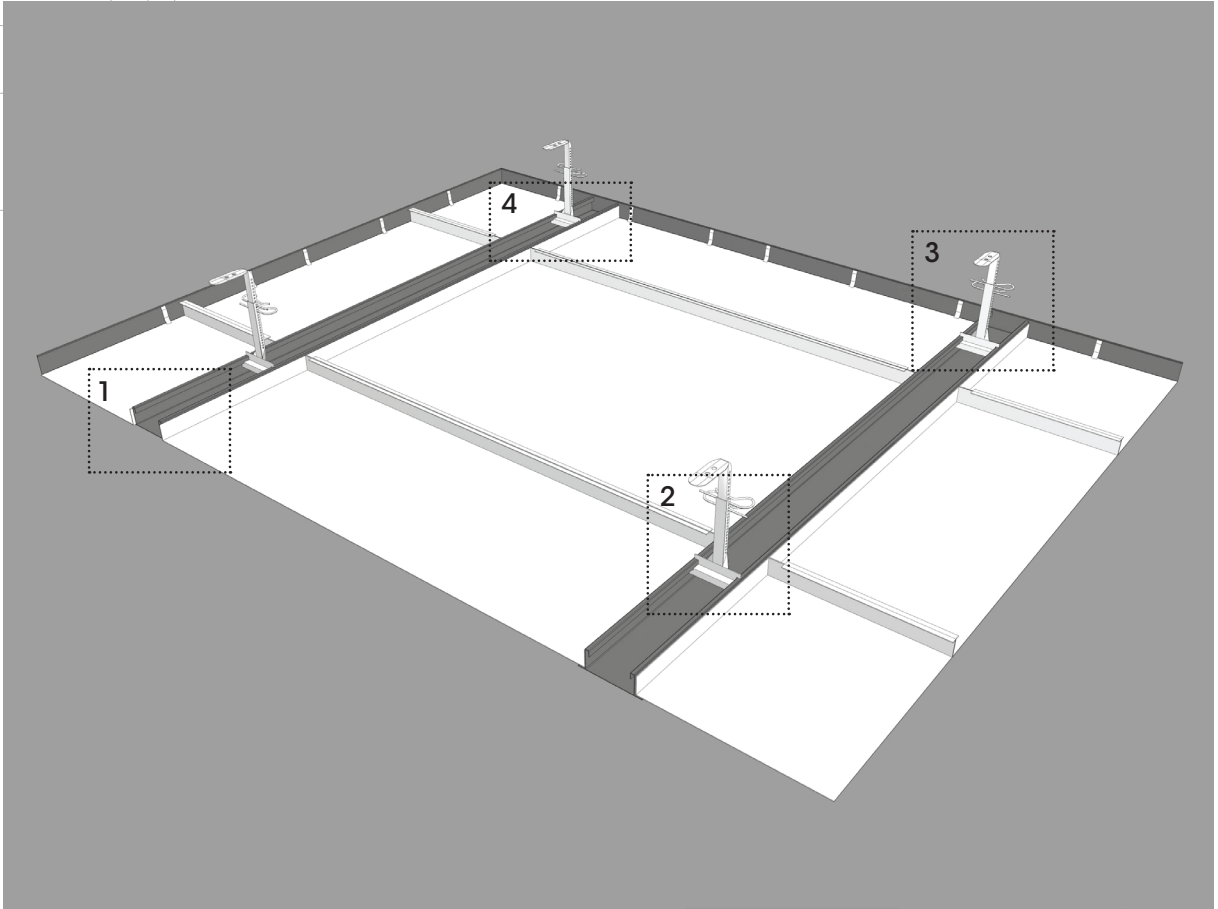




# INTEGRA PLANK INTEGRA PLANK

## Perspekta Plank Sistem Perspekta Plank System

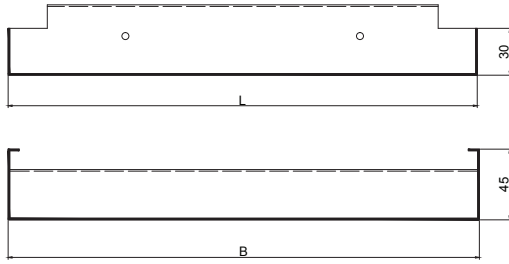
Perspekta D Bandraster Nonius  
Perspekta D Bandraster Nonius



**Perspekta D Bandraster**

Integra Plank, Perspekta D Bandraster Sistemler, farklı genişlikte D Bandraster seçenekleri ile asma tavan yüzeyinde kesintisiz bir görünüm oluşturarak estetiğin ön planda olduğu yerlerde mimarlara çağdaş uygulama seçenekleri sunar. Her türlü mimari tasarıma uygun çeşitli malzeme seçenekleriyle üretilmesi mümkündür. Tüm Perspekta panelleri sökme aparatı gerektirmeden kolaylıkla demonte edilebilir.

Standart Panel / Standard Panel

**Panel Tanımı**

**Hammadde:** Galvanize çelik, Paslanmaz çelik, Alüminyum.

**Kenar özelliği:** Küt

**En:** 200-1200 mm

**Boy:** 200-3000 mm

**Boya:** RAL 9006, RAL 9010, RAL 9016

- . İsteğe bağlı olarak tüm RAL renklerinde üretim yapılabilir.
- . Özellikle hijyen gerektiren alanlar için anti bakteriyel boya seçeneği mevcuttur.
- . İstenildiğinde ahşap görünlü paneller üretilebilir.
- . Daha fazla bilgi için bkz. **Renk ve Desen**

**Perforasyon:** Ø0.7, Ø1.5, Ø1.8, Ø2.5, Ø3, Ø4.5, Ø6, Ø7, Ø16, 8x8, Random

Daha fazla bilgi için bkz. **Perforasyon**

**Akustik:** NRC 0,70(Ø2.5mm %16 boşluk oranı)

Daha fazla bilgi için bkz. **Akustik**

**Yangın:** Yangın tepki sınıfı A2-s1,d0.

Daha fazla bilgi için bkz. **Standartlar**

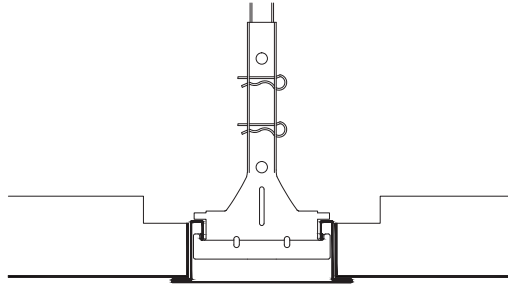
**Teknik Standartlar:**

- . Taşıyıcı sistem ile desteklenen paneller, ISO9001:2008, TSE ve CE belgeli tesisimizde Avrupa, Amerika ve TAIM (Technical Association of Industrial Metal Ceiling Manufacturers) standartlarına uygun olarak imal edilmektedir.
- . Malzemenin yangın tepki sınıfı, uluslar arası akredite edilmiş test kuruluşlarında yaptırılmış yangın testi ile EN 13501-1 standardı uyarınca yapılan sınıflandırma sonucu A2-s1, d0 olarak belgelenmiştir.

**Perspekta D Bandraster**

Integra Plank, Perspekta D Bandraster Systems provide architects with modern application alternatives in places where aesthetics is in the foreground by forming a ceaseless appearance on the surface of the ceiling. The panels can be produced for all kinds of architectural design, in different material options. All Perspekta panels can be easily unassembled without any tools.

Standart Birleşim / Standard Connection

**Panel Description**

**Raw material:** Galvanized Steel, Stainless Steel, Aluminium.

**Edge Option:** Square

**Width:** 200-1200 mm

**Length:** 200-3000 mm

**Colour:** RAL9006, RAL9010, RAL9016

- . Production is possible in all other RAL colours upon request.
- . Antibacterial paint option is available upon request, especially for areas with hygiene requirements.
- . Panels with wood appearance can be produced if requested.
- . For detailed information please see **Colours and Design**.

**Perforation:** Ø0.7, Ø1.5, Ø1.8, Ø2.5, Ø3, Ø4.5, Ø6, Ø7, Ø16, 8x8, Random

For detailed information please see **Perforation**.

**Acoustics:** NRC: 0,70(Ø2.5mm %16 open area)  
For detailed information please see **Acoustics**.

**Fire:** Reaction to Fire Class A2-s1,d0.

For detailed information please see **Standards**.

**Technical Standards:**

- . Ceiling panels supported by a suspension system manufactured in accordance with European, American and TAIM (Technical Association of Industrial Metal Ceiling Manufacturers) standards in our factory that have ISO9001:2008, TSE ve CE certificates.
- . Panels are tested in accordance with EN 13501-1 and must be designed to comply with Euroclass A2-s1, d0

## METAL CEILING SPECIFICATION

... x ... mm Sized Perspektia D Bandraster Nonius System

### General Description:

Galvanised Steel/Aluminium ceiling panels supported by fully concealed suspension system system manufactured in accordance with European, American and TAIM (Technical Association of Industrial Metal Ceiling Manufacturers) standards by a manufacturer that have ISO9001:2008, TSE ve CE certificates.

Ceilings are tested in accordance with EN 13501-1 and must be designed to comply with at least Euroclass A2-s1, d0

### Panel Description:

- Raw material** : Ceiling panels manufactured from ... mm Galvanised Steel/Stainless Steel/Aluminium.  
**Colour** : Ceiling panels coated electrostatically applied powder coating coloured RAL ... ( min. 40  $\mu$  thickness and approx. %20 Gloss Rate)  
**Acoustical inlay** : Ceiling panels are manufactured with 0,2 mm thickness, black acoustical inlay (Royalin/Soundtex) to achieve sound absorption  $\alpha_w = \dots$  for  $\varnothing \dots$  mm Perforation (%.. open area)  
**Perforation** : Ceiling panels are perforated  $\varnothing \dots$  mm (% ... open area) and plain borders are ... mm.  
**Edge** : Square.

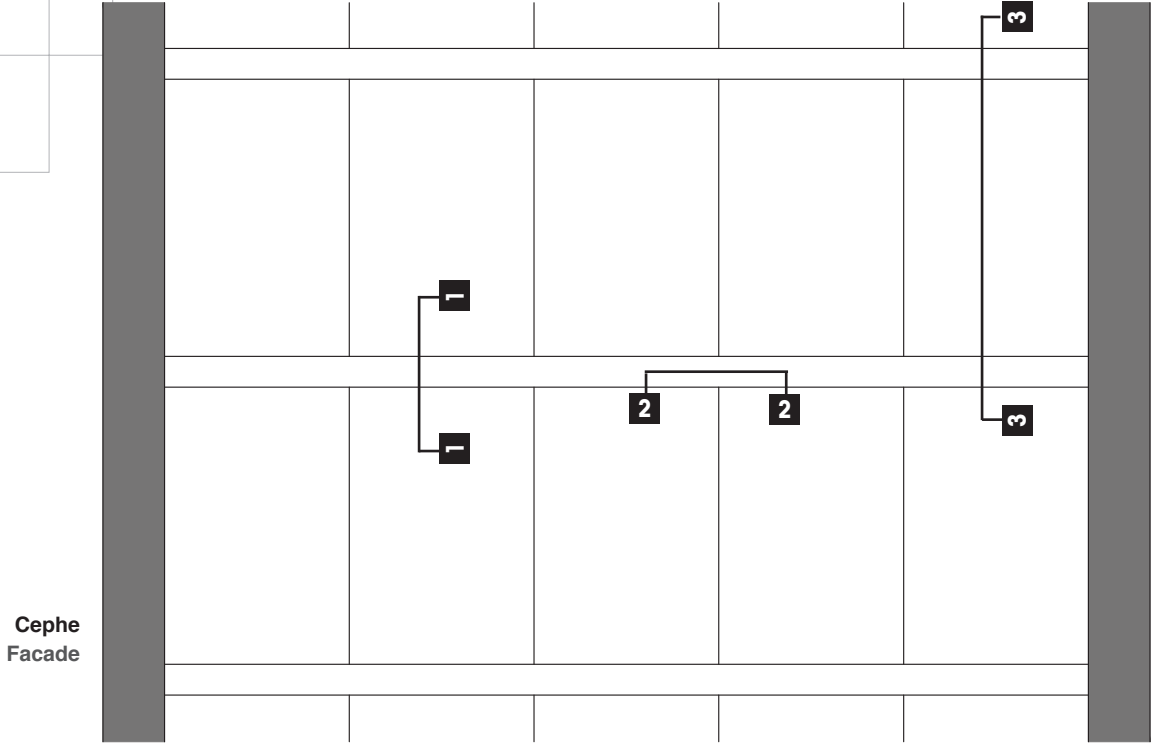
### Installation:

C-Wall Angle should be used for lateral sides facing inwards of the gypsum pool. If C wall angle is not used , D Bandraster wall anchor (3) should be used for wall connection. The first hanger system should not exceed 450 mm distance from the wall and the distance between hangers could be max 1000mm. D Bandraster Nonius Rigid Hanger (Lower Part) (4), Nonius Rigid Hanger (upper part) (5) , and steel anchor (7) will be used to suspend the D Bandraster Profile(1) securely. The distance between Wall-angle and the main runner should be max. 600 mm. The distance between the main runners should not exceed 1200mm. The cross runners should be positioned on 600 mm away from each. In order to add one D Bandraster profile D Bandraster profile splice(2) should be used. Lighting, sprinkler or vent places should be cutted out and the components should be mounted according to the project after the installation. In the case of these components come up to suspension system accessories, installation should be continued with mounting suspension system accesories one before and one after the components.

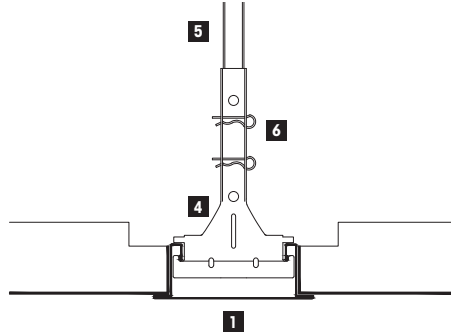
### Suspension System:

- 1- DBP-100-L3600**: D Bandraster Profile, 100 mm width, 3600 mm length, 1 mm thickness, galvanised steel  
**2- DBP-ZL-100** : D Bandraster Profile Splice  
**3- DBP-ZW-100** : D Bandraster wall anchor, 1mm thickness, galvanised steel  
**4- DBP-100NA-50**: C Bandraster Nonius Rigid Hanger (Lower Part)  
**5- CDPR 300** : C-Wall Angle, 20x40x20 mm sized, 3000 mm length, 0,5 mm thickness, pre-painted galvanised steel  
**6- NU-30** : Nonius Rigid Hanger (upper part)  
**7- TP-02** : Steel anchor that coated by zinc against corrosion

PANEL BAĞLANTI DETAYLARI  
PANEL CONNECTION DETAILS



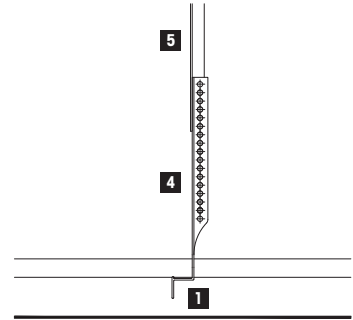
1-1 Kesiti / Section 1-1



1	D Bandraster
4	D Bandraster Nonius Alt Bağlantı Parçası
5	Nonius Üst parça
6	Nonius Askı pimi

1	D Bandraster
4	D Bandraster Nonius Rigid Hanger
5	Nonius Rigid Hanger Upper Part
6	Nonius Pin

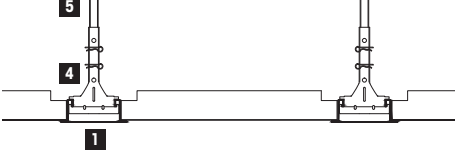
2-2 Kesiti / Section 2-2



1	D Bandraster
4	D Bandraster Nonius Alt Bağlantı Parçası
5	Nonius Üst parça

1	D Bandraster
4	D Bandraster Nonius Rigid Hanger
5	Nonius Rigid Hanger Upper Part

2-2 Kesiti / Section 2-2



Panel Birleşimi

1 D Bandraster

4 D Bandraster Nonius Alt Bağlantı Parçası

5 Nonius Üst parça

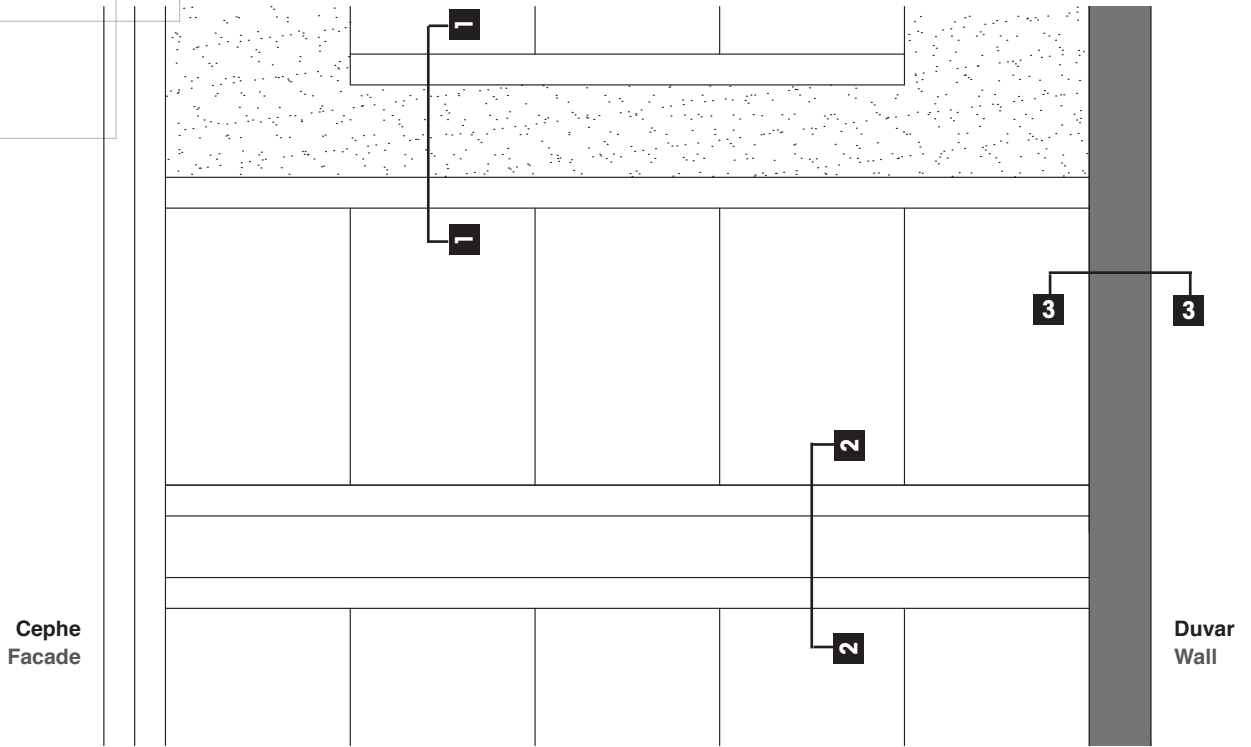
Connection of Panels

1 D Bandraster

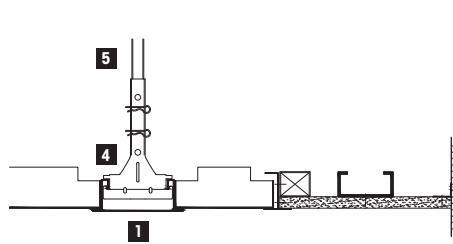
4 D Bandraster Nonius Rigid Hanger

5 Nonius Rigid Hanger Upper Part

PANEL BAĞLANTI DETAYLARI  
PANEL CONNECTION DETAILS



1-1 Kesiti / Section 1-1

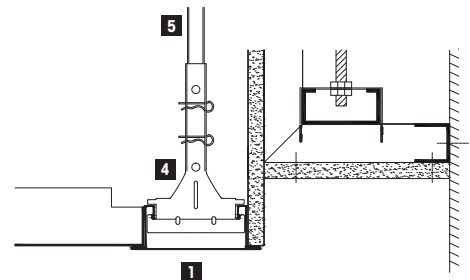


Alternatif 1

F Profil ile Alçıpan - Metal Tavan Birleşimi
1 D Bandraster
4 D Bandraster Nonius Alt Bağlantı Parçası
5 Nonius Üst parça
12 H profil

Alternative 1

Joint to a Gypsum Board with F Profile
1 D Bandraster
4 D Bandraster Nonius Rigid Hanger
5 Nonius Rigid Hanger Upper Part
12 H profil



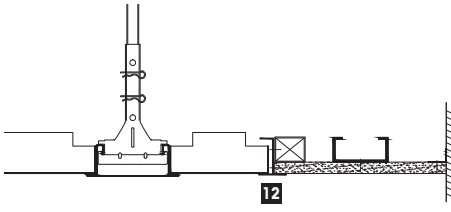
Alternatif 2

H Profil ile Alçıpan - Metal Tavan Birleşimi
1 D Bandraster
4 D Bandraster Nonius Alt Bağlantı Parçası
5 Nonius Üst parça

Alternative 2

Joint to a Gypsum Board with H Profile
1 D Bandraster
4 D Bandraster Nonius Rigid Hanger
5 Nonius Rigid Hanger Upper Part

2-2 Kesiti / Section 2-2

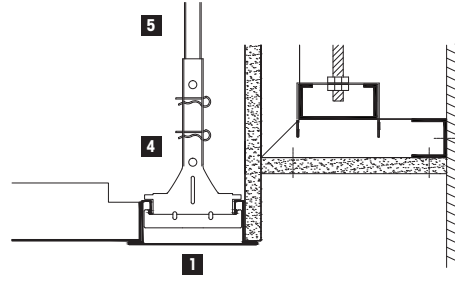


Alternatif 1

H Profil ile Alçıpan - Metal Tavan Birleşimi
1 D Bandraster
4 D Bandraster Nonius Alt Bağlantı Parçası
5 Nonius Üst parça
12 H profil

Alternative 1

Joint to a Gypsum Board with H Profile
1 D Bandraster
4 D Bandraster Nonius Rigid Hanger
5 Nonius Rigid Hanger Upper Part
12 H profil



Alternatif 2

D Bandraster ile Alçıpan - Metal Tavan Birleşimi
1 D Bandraster
4 D Bandraster Nonius Alt Bağlantı Parçası
5 Nonius Üst parça

Alternative 2

Joint to a Gypsum Board with D Bandraster
1 D Bandraster
4 D Bandraster Nonius Rigid Hanger
5 Nonius Rigid Hanger Upper Part

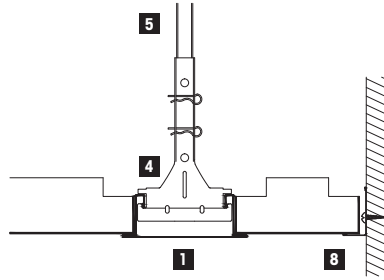
3-3 Kesiti / Section 3-3



Kapama Paneli - Metal Tavan Birleşimi
1 D Bandraster
4 D Bandraster Nonius Alt Bağlantı Parçası
5 Nonius Üst parça

Joint to Metal Ceiling with Covering Panel
1 D Bandraster
4 D Bandraster Nonius Rigid Hanger
5 Nonius Rigid Hanger Upper Part

4-4 Kesiti / Section 4-4



Alternatif 1 Duvar-Tavan Bağlantıları

L Köşebent ile Tam Plaka Duvar Bitişi
1 D Bandraster
4 D Bandraster Nonius Alt Bağlantı Parçası
5 Nonius Üst parça
8 L köşebent

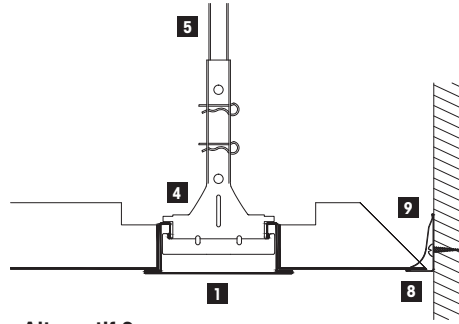
Alternative 1 Ceiling-Wall Connections

Full Panel Finish with L Wall Angle
1 D Bandraster
4 D Bandraster Nonius Rigid Hanger
5 Nonius Rigid Hanger Upper Part
8 L Wall Angle



METAL VE DİĞER TAVANLARIN BİRLEŞİM DETAYLARI  
METAL AND OTHER CEILINGS CONNECTION DETAILS

1-1 Kesiti / Section 1-1



Alternatif 2

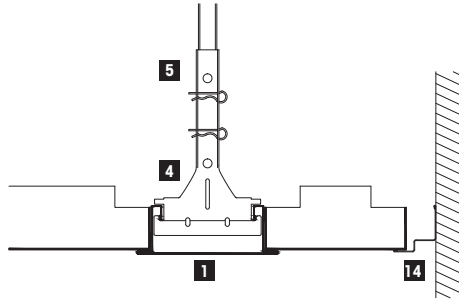
L Köşebent ile Kesik Plaka Duvar Bitişi

1	D Bandraster
4	D Bandraster Nonius Alt Bağlantı Parçası
5	Nonius Üst parça
8	L köşebent
9	Kenar takozu

Alternative 2

Cutted Panel Finish with L Wall Angle

1	D Bandraster
4	D Bandraster Nonius Rigid Hanger
5	Nonius Rigid Hanger Upper Part
8	L Wall Angle
9	Wedge clip



Alternatif 4

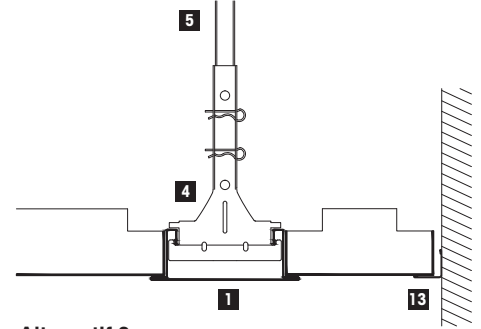
Basamaklı Köşebent ile Tam Plaka Duvar Bitişi

1	D Bandraster
4	D Bandraster Nonius Alt Bağlantı Parçası
5	Nonius Üst parça
14	Basamaklı Köşebent

Alternative 4

Full Panel Finish with Z Profile

1	D Bandraster
4	D Bandraster Nonius Rigid Hanger
5	Nonius Rigid Hanger Upper Part
14	Z Wall Angle



Alternatif 3

Grida L Köşebent ile Tam Plaka Duvar Bitişi

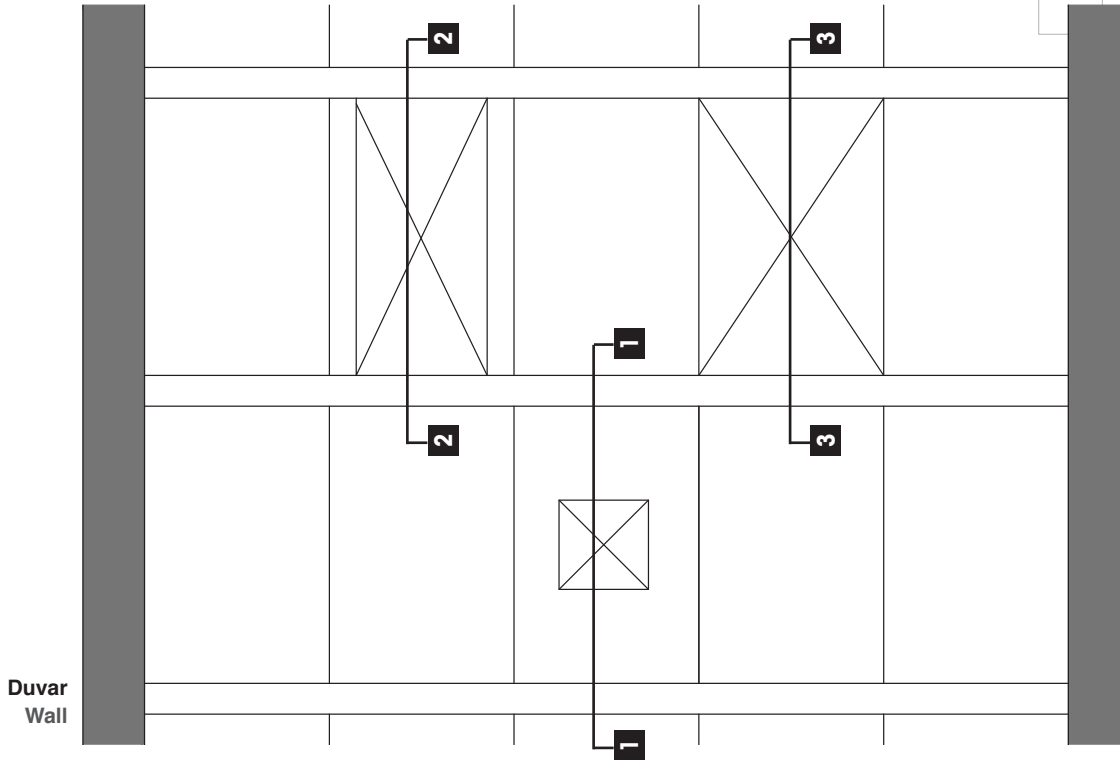
1	D Bandraster
4	D Bandraster Nonius Alt Bağlantı Parçası
5	Nonius Üst parça
13	Grida L Köşebent

Alternative 3

Full Panel Finish with Grida L Wall Angle

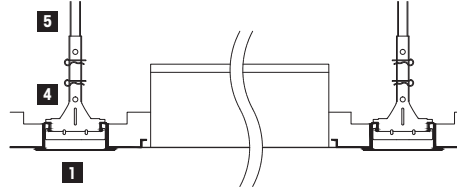
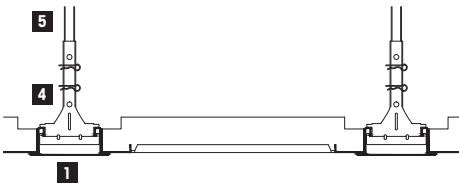
1	D Bandraster
4	D Bandraster Nonius Rigid Hanger
5	Nonius Rigid Hanger Upper Part
13	Grida L Wall Angle

CUTOUT YAPILMIŞ PANEL DETAYLARI  
DETAILS OF PANELS WITH CUT-OUT



1-1 Kesiti / Section 1-1

2-2 Kesiti / Section 2-2



Cut-out Yapılmış Tavan Paneli

- 1 D Bandraster
- 4 D Bandraster Nonius Alt Bağlantı Parçası
- 5 Nonius Üst parça

Cut-out Yapılmış Tavan Paneli

- 1 D Bandraster
- 2 D Bandraster Nonius Alt Bağlantı Parçası
- 5 Nonius Üst parça

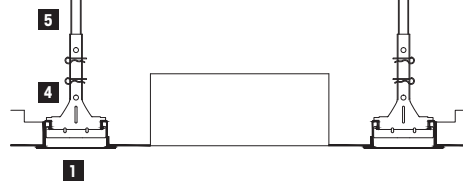
Ceiling Panel with Cut-out

- 1 D Bandraster
- 4 D Bandraster Nonius Rigid Hanger
- 5 Nonius Rigid Hanger Upper Part

Ceiling Panel with Cut-out

- 1 D Bandraster
- 2 D Bandraster Nonius Rigid Hanger
- 5 Nonius Rigid Hanger Upper Part

3-3 Kesiti / Section 3-3

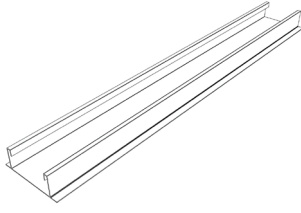


Cut-out Yapılmış Tavan Paneli

- |  |
|--|
| 1 D Bandraster                             |
| 2 D Bandraster Nonius Alt Bağlantı Parçası |
| 5 Nonius Üst parça                         |

Ceiling Panel with Cut-out

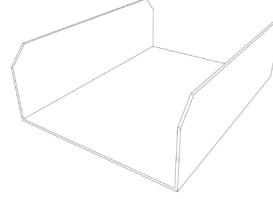
- |                                    |
|------------------------------------|
| 1 D Bandraster                     |
| 2 D Bandraster Nonius Rigid Hanger |
| 5 Nonius Rigid Hanger Upper Part   |



01

DBP-100-L3600	
Ürün Adı	D Bandraster
Özellik / Malzeme	Galvanize Çelik 1 mm 15x30x100x3000x1,0

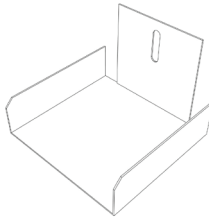
DBP-100-L3600	
Product Reference	D Bandraster
Specification / Material	Galvanized Steel 1 mm 15x30x100x4000x1,0



02

DBP-ZL-100	
Ürün Adı	D Bandraster Ekleme Parçası
Özellik / Malzeme	Galvanize Çelik 1 mm 97x120x1,0

DBP-ZL-100	
Product Reference	D Bandraster Profile Splice
Specification / Material	Galvanized Steel 1 mm 97x120x1,0



03

DBP-ZW-100	
Ürün Adı	D Bandraster Duvar Bağlantı Parçası
Özellik / Malzeme	Galvanize Çelik 1 mm 70x97x100x1,0

DBP-ZW-100	
Product Reference	D Bandraster Wall Anchor
Specification / Material	Galvanized Steel 1 mm 70x97x100x1,0



04

DBP-100-NA	
Ürün Adı	D Bandraster Nonius Alt Parçası
Özellik / Malzeme	Galvanize Çelik 1 mm 30x30x150x1,0

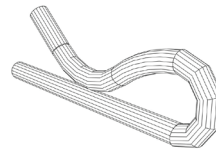
DBP-100-NA	
Product Reference	D Bandraster Nonius Rigid Hanger
Specification / Material	Galvanized Steel 1 mm 30x30x150x1,0



05

NU-100	
Ürün Adı	Nonius Üst Parça
Özellik / Malzeme	Galvanize Çelik 0,9 mm

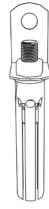
NU-100	
Product Reference	Nonius Rigid Hanger(Upper Part)
Specification / Material	Galvanized Steel 0,9 mm



06

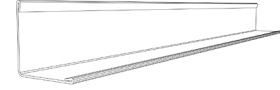
1 14	
Ürün Adı	Nonius Askı Pimi
Özellik / Malzeme	Galvanize Çelik 0,9 mm

1 14	
Product Reference	Nonius Pin
Specification / Material	Galvanized Steel 0,9 mm



07

TP-02	
Ürün Adı	Çelik dübelli Pabuç
Özellik / Malzeme	Yay Çeliği 2,0 mm
TP-02	
Product Reference	Steel Anchor
Specification / Material	Spring Steel 2,0 mm



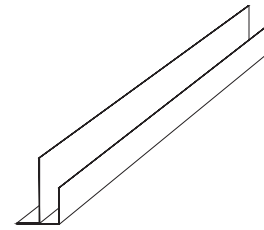
08

WL 3000	
Ürün Adı	L Köşebent
Özellik / Malzeme	20x40x3000x0,5 Galvanize Çelik 0,6 mm
WL 3000	
Product Reference	L Wall Angle
Specification / Material	20x40x3000x0,5 Galvanized Steel 0,6 mm



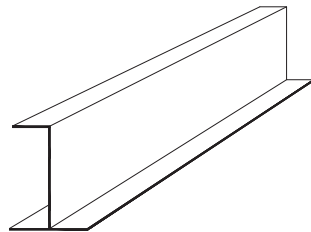
09

WKT 1	
Ürün Adı	Kenar Takozu
Özellik / Malzeme	Yay Çeliği 0,45 mm
WKT 1	
Product Reference	Wedge Clip
Specification / Material	Spring Steel 0,45 mm



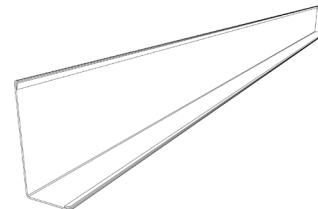
10

FDPR-3000	
Ürün Adı	F Profil
Özellik / Malzeme	Alüminyum 1 mm
FDPR-3000	
Product Reference	F Profile
Specification / Material	Aluminium 1 mm



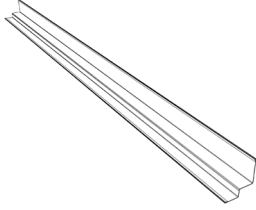
11

HDPR-40	
Ürün Adı	H Profil 30x40x3000x1mm
Özellik / Malzeme	Alüminyum 1 mm
HDPR-40	
Product Reference	H Profile 30x40x3000x1mm
Specification / Material	Aluminium 1 mm



12

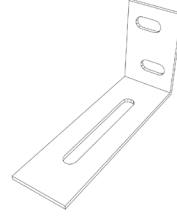
AS-GR1919-B04	
Ürün Adı	Grıda L Profil
Özellik / Malzeme	19x19x3050x0,5mm Galvanize Çelik 0,5 mm
AS-GR1919-B04	
Ordering Reference	Grıda L Wall Angle
Specification / Material	19x19x3050x0,5mm Galvanized Steel 0,5 mm



13

<b>AS-GR1508-B05</b>	
Ürün Adı	Basamaklı Köşebent
Özellik / Malzeme	25x8x15x15x3050x0,5mm Galvanize Çelik 0,5 mm

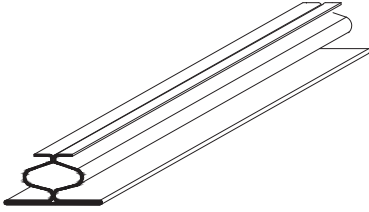
<b>AS-GR1508-B05</b>	
Product Reference	Z Wall Angle
Specification / Material	25x8x15x15x3050x0,5mm Galvanized Steel 0,5 mm



14

<b>AS-30</b>	
Ürün Adı	Duvar Bağlantı Pabucu
Özellik / Malzeme	Galvanize Çelik 1,5 mm 30x50x100x1,5

<b>AS-30</b>	
Product Reference	Wall Anchor
Specification / Material	Galvanized Steel 1,5 mm 30x50x100x1,5



15

<b>AS-GR1508-B05</b>	
Ürün Adı	Diversa yarım dikme profili
Özellik / Malzeme	49x20.6x5100x0,8 mm Galvanize Çelik 0,8 mm

<b>AS-GR1508-B05</b>	
Product Reference	Diversa half upright
Specification / Material	49x20.6x5100x0,8 mm Galvanized Steel 0,8 mm