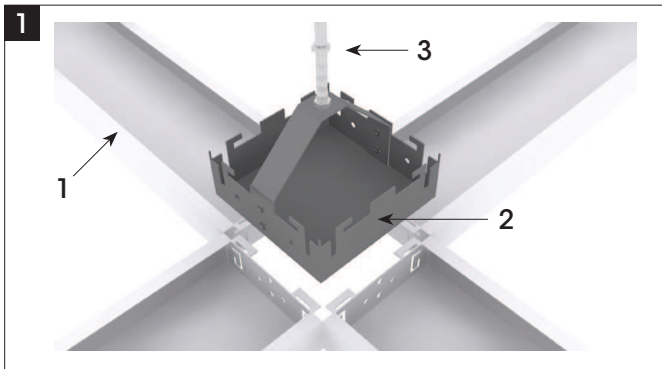
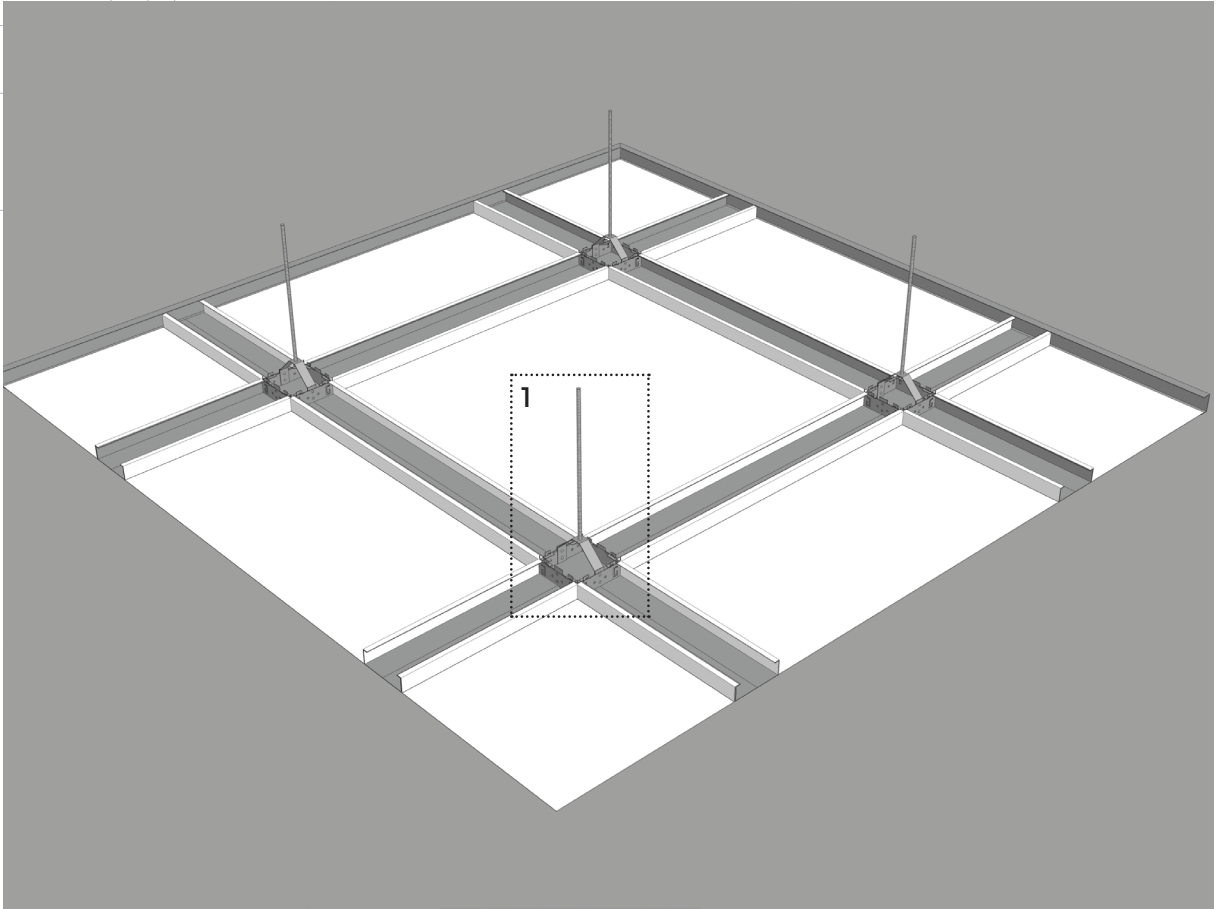




**INTEGRA PLANK
INTEGRA PLANK**

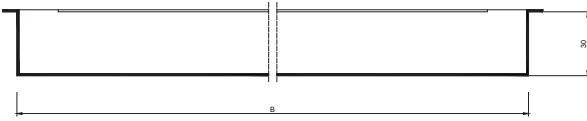
**Norma Grid Plank
System
Norma Grid Plank
System**

Norma Grid
Norma Grid



Norma Grid

Integra Plank, Norma Grid Sistemler, sistem birleşim kutuları, farklı boyutlardaki bandrastrer profilleri ile asma tavan yüzeyinde farklı geometrik desenler oluşturur ve monolitik bir görünüm sağlar. Farklı mimari beklentilere cevap verebilen Norma Grid sistemler galvaniz çelik ile genişlikte 600 mm'den 1200 mm'ye, boyda ise 1200 mm'ye kadar olan ebat seçenekleri ile üretilmesi mümkündür. Tüm Norma Grid 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 görünümlü 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.

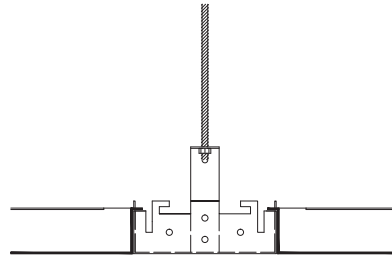
Daha fazla bilgi için bkz. **Standartlar**

Teknik Standartlar:

- . Taşıyıcı sistem ile desteklenen, 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.

Norma Grid

Integra Plank, Norma Grid Systems form different geometrical patterns on the surface of the ceiling with system combination of boxes and bandrastrer profiles of different dimensions. It also provides a monolithic appearance. Norma Grid Systems capable of responding to different architectural expectations can be produced in galvanized steel with dimension alternatives ranging from 200mm to 1200 mm in width and up to 3000 mm in length. All Norma Grid panels can be easily unassembled without any tool.

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 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 Norma Grid System

General Description:

Galvanised Steel/Aluminium ceiling panels supported by Norma Grid suspension 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/Aluminium/Stainless Steel.
Colour	Ceiling panels coated electrostatically applied powder coating coloured RAL ... (min. 90µ 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.

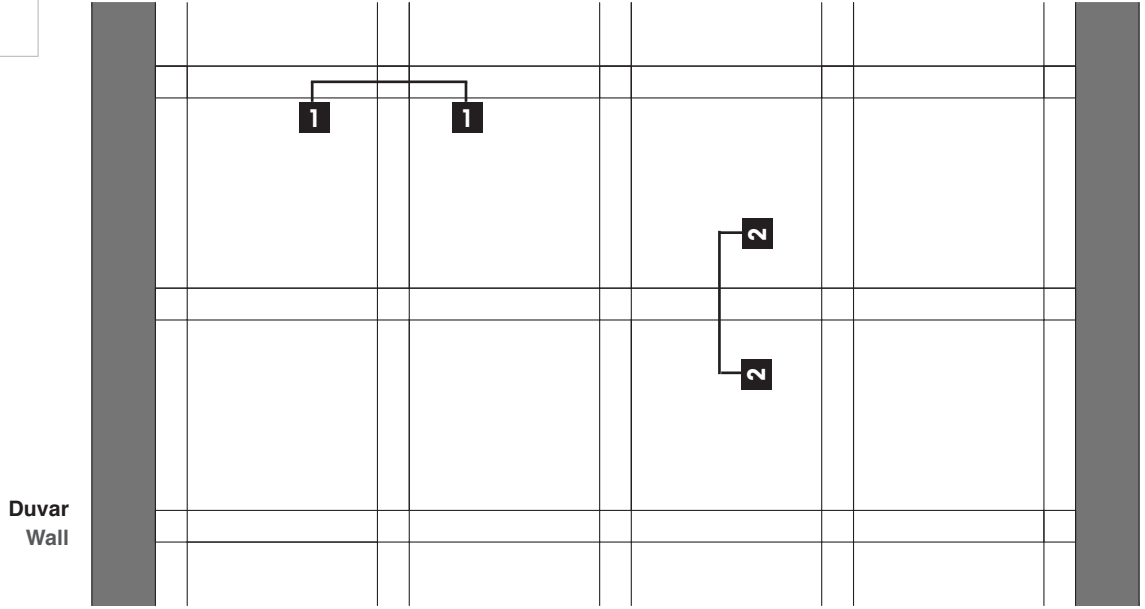
Installation:

The first hanger system should not exceed 450 mm distance from the wall and the distance between hangers could be max 1000mm. Coupling boxes (2) should be hanged by using Threaded Rod(3) and Bolt/Nut (4) and then they connected to the C profiles (1). Lighting, sprinkler or vent places should be cutted out and the components should be installed 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.

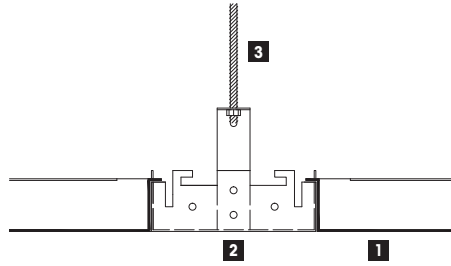
Suspension System:

1- PB 100 K2	C Profile, 100xvarious sized, galvanised steel
2- CZK 100	Coupling Box, 100x100/125x125/150x150 sized, 1mm thickness, galvanised steel
3- ATJ 100	Threaded Rod, $\varnothing 6$ mm, 1000mm length (Standard)
4- VDS 60	Bolt/nult, $\varnothing 6$ mmHP-BP: Special Hold-down Clip for Hook-on

PANEL BAĞLANTI DETAYLARI
PANEL CONNECTION DETAILS



1-1 Kesiti / Section 1-1



Taşıyıcı - Panel Birleşimi
1 C Profil
2 Taşıyıcı birleşim kutusu
3 Askı tiji

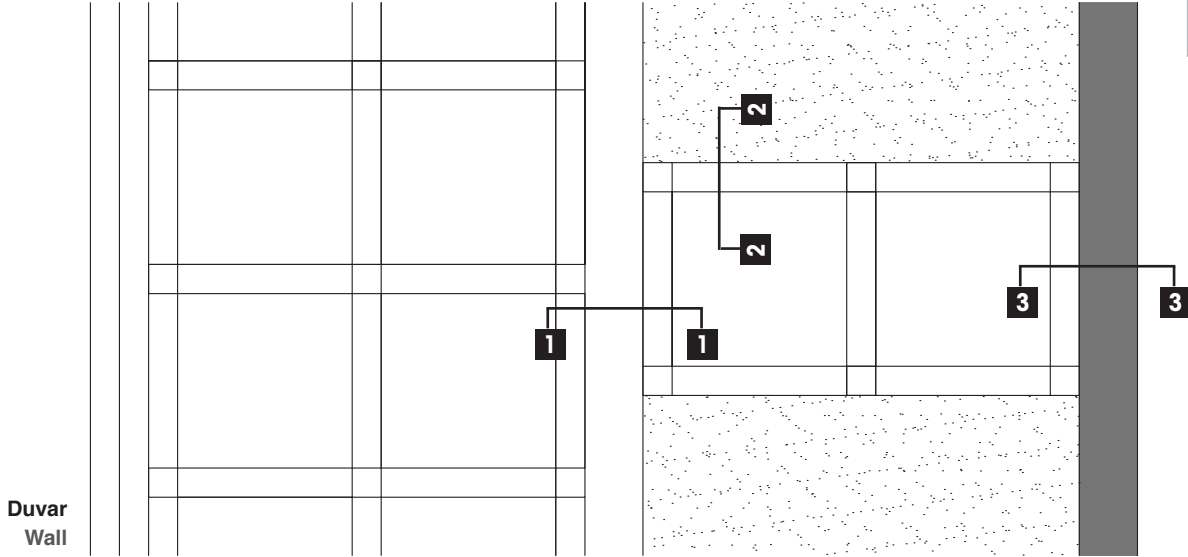
Profile - Panel Connection
1 C Profile
2 Coupling Box
3 Threaded Rod

2-2 Kesiti / Section 2-2



Bandraster - Panel Birleşimi
1 C Profil

Bandraster - Panel Connection
1 C Profile



1-1 Kesiti / Section 1-1



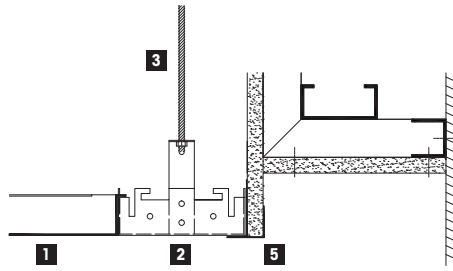
Kapama paneli

1 C Profil

Covering Panel

1 C Profile

2-2 Kesiti / Section 2-2



F Profil ile Alçıpan - Metal Tavan Birleşimi

1 C Profil

2 Taşıyıcı birleşim kutusu

3 Askı tiji

5 F Profil

Joint to a Gypsum Board with F Profile

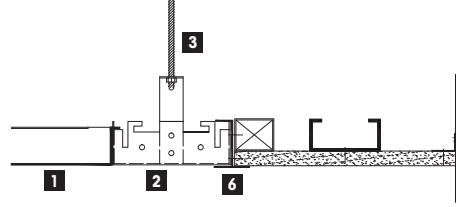
1 C Profile

2 Coupling Box

3 Threaded Rod

5 F Profile

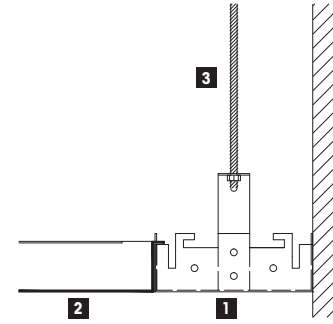
PANEL BAĞLANTI DETAYLARI
PANEL CONNECTION DETAILS



Özel L Profil ile Alçıpan - Metal Tavan Birleşimi
1 C Profil
2 Taşıyıcı birleşim kutusu
3 Askı tiji
6 H Profil

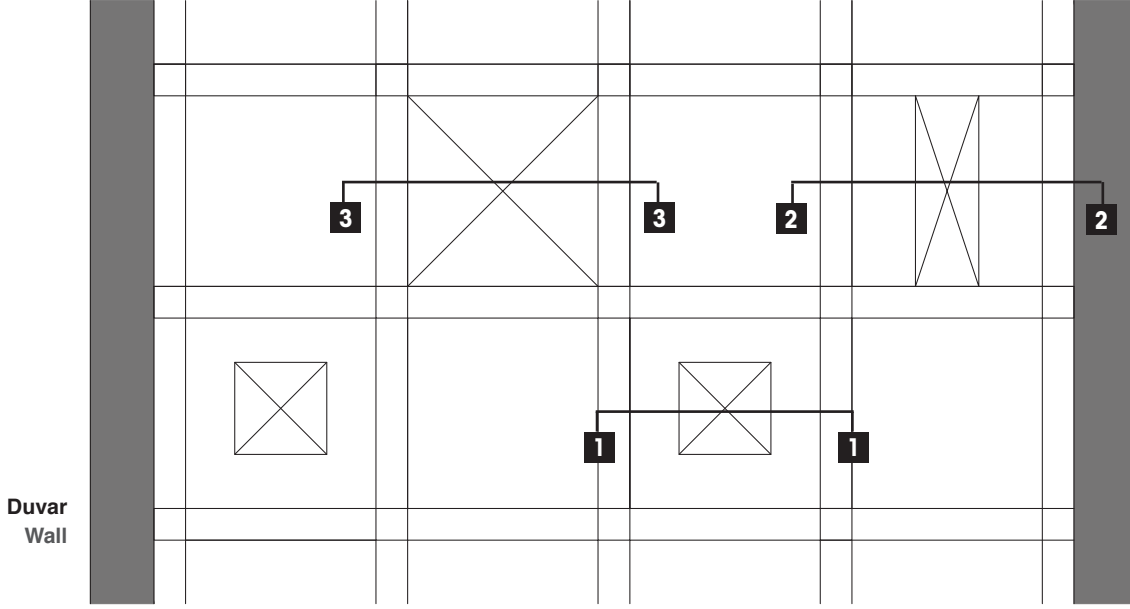
Joint to a Gypsum Board with Special L Profile
1 C Profile
2 Coupling Box
3 Threaded Rod
6 H Profile

3-3 Kesiti / Section 3-3



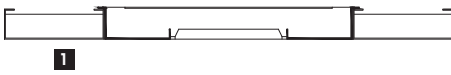
Duvar-Tavan Bağlantıları
1 C Profil
2 Taşıyıcı birleşim kutusu
3 Askı tiji

Ceiling-Wall Connections
1 C Profile
2 Coupling Box
3 Threaded Rod



1-1 Kesiti / Section 1-1

2-2 Kesiti / Section 2-2



Cut-out Yapılmış Tavan Paneli

1 C Profil

Ceiling Panel with Cut-out

1 C Profile

Cut-out Yapılmış Tavan Paneli

1 C Profil

Ceiling Panel with Cut-out

1 C Profile

PANEL BAĞLANTI DETAYLARI

3-3 Kesiti / Section 3-3

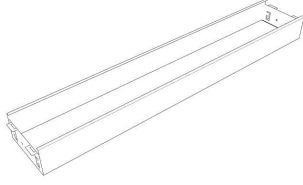


Cut-out Yapılmış Tavan Paneli

1 C Profil

Ceiling Panel with Cut-out

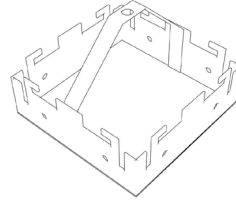
1 C Profile



01

PB 100 K2	
Ürün Adı	C Profil
Özellik / Malzeme	Galvanize Çelik 1 mm 100xDeğişken

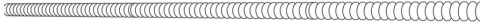
PB 100 K2	
Product Reference	C Profile
Specification / Material	Galvanized Steel 1 mm 100xDeğişken



02

CZK-100	
Ürün Adı	Taşıyıcı Birleşim Kutusu
Özellik / Malzeme	Galvanize Çelik 1 mm 100x100x1,0

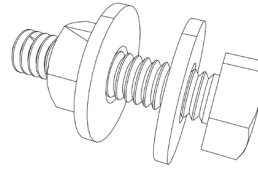
CZK-100	
Product Reference	Coupling Box
Specification / Material	Galvanized Steel 1 mm 100x100x1,0



03

ATJ-100	
Ürün Adı	Askı Tiji
Özellik / Malzeme	Ø6-1000

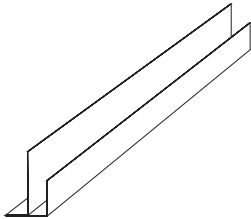
ATJ-100	
Product Reference	Threaded Rod
Specification / Material	Ø6-1000



04

VDS-60	
Ürün Adı	Vida/Somun/Rondela
Özellik / Malzeme	Ø6

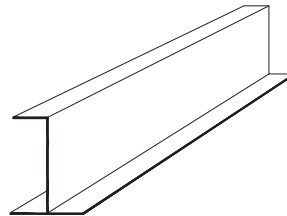
VDS-60	
Product Reference	Bolt/Nut/Washer
Specification / Material	Ø6



05

FDPR-3000	
Ürün Adı	F Profil
Özellik / Malzeme	Alüminyum 1 mm

FDPR-3000	
Product Reference	F Profile
Specification / Material	Aluminium 1 mm



06

HDPR-40	
Ürün Adı	H Profil 30x40x3000x1mm
Özellik / Malzeme	Alüminyum 1 mm

HDPR-40	
Product Reference	H Profile 30x40x3000x1mm
Specification / Material	Aluminium 1 mm