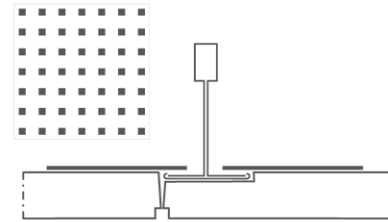


## Demountable acoustic ceiling



### Content

Demountable acoustic gypsum ceiling for concealed T-grid system.  
 Repaintable without loss of acoustics.  
 100% recyclable product.  
 Suitable as ventilation ceiling with concealed air inlet.

## Products and materials

### Unity 3\_600 x 600 x 12.5\_D+

Material: Perforated plasterboard  
 Board Type: Ceiling tile  
 Dimensions: 600x600x12.5mm  
 Weight: 9.20-9.90 kg/m<sup>2</sup>  
 Edge: D+, concealed T-grid system.  
 Perforation: Square 3.5x3.5mm holes, c/c 8.33mm, Perforation to edge.  
 Perforation percent: 17.2 %  
 Surface: Water-based acrylic paint  
 Colour: White NCS 0701 Y24R, (RAL 9003); gloss 5  
 Fire rating: A2-s1,d0 in accordance with EN 13501-1  
 Light reflection: 69.2% in accordance with DIN 5036  
 Indoor climate: Degasification 10 days  
 Particle emission: Low  
 Air purification: Cleaneo technology

### Acoustics

200mm suspension without mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.50	0.80	0.85	0.75	0.75	0.80	0.80	0.80

200mm suspension with 45mm mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.60	0.90	0.90	0.85	0.85	0.85	0.90	0.90

**Main runner**

Type: T-profile

Material: 0.4mm galvanized steel

Colour: White

Dimensions: Width 24mm | Height 38mm

**Spacer bar**

Type: V-profile

Material: Galvanized steel

Dimensions: Length 600mm

**Wall connection**

Type: < L-profile or Shadow line trim >

Material: 0.5mm galvanized steel

Colour: White

Dimension: < 24x20mm or 19+11 x 13+19mm >

**Suspension**

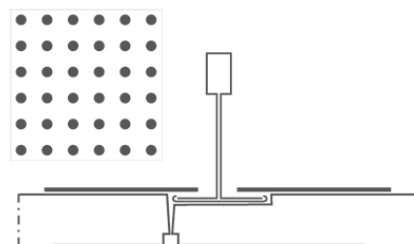
Type: < Adjustable hanger or direct hanger >

Dimension: < xxx - xxx mm >

**Installation**

- Screw spacing for attachment of wall connections max. 300mm c/c and in relation to the required ceiling height < xxx mm > (*min. 63mm*)
- Distance from wall to first hanger in direction of load-bearing (main runner) section  $\leq 100$  mm.
- Distance between hangers  $\leq 1500$  mm.
- Distance from wall to first load-bearing (main runner) section  $\leq 600$  mm.
- Distance between load-bearing (main runner) sections  $\leq 600$  mm.
- Align the first load-bearing (main runner) along one of the walls and secure it with help of adjusted spacer bar fixed into the wall.  
When first load-bearing (main runner) are aligned, then install the other spacer bars.
- Units of up to 1.0kg can be integrated directly into the ceiling tiles.  
In the case of heavier units, the unit must be installed independently without any load on the ceiling tile.  
For loads above 3kg/m<sup>2</sup>, additional hangers must be used.

## Demountable acoustic ceiling



### Content

Demountable acoustic gypsum ceiling for concealed T-grid system.

Repaintable without loss of acoustics.

100% recyclable product.

Suitable as ventilation ceiling with concealed air inlet.

## Products and materials

### Unity 4\_600 x 600 x 12.5\_D+

Material: Perforated plasterboard

Board Type: Ceiling tile

Dimensions: 600x600x12.5mm

Weight: 9.20-9.90 kg/m<sup>2</sup>

Edge: D+, concealed T-grid system.

Perforation: Round 4mm holes, c/c 10mm, Perforation to edge.

Perforation percent: 12.2 %

Surface: Water-based acrylic paint

Colour: White NCS 0701 Y24R, (RAL 9003); gloss 5

Fire rating: A2-s1,d0 in accordance with EN 13501-1

Light reflection: 72.5% in accordance with DIN 5036

Indoor climate: Degasification 10 days

Particle emission: Low

Air purification: Cleaneo technology

### Acoustics

200mm suspension without mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.45	0.75	0.80	0.70	0.65	0.60	0.70	0.75

200mm suspension with 45mm mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.55	0.80	0.80	0.75	0.75	0.65	0.75	0.80

**Main runner**

Type: T-profile

Material: 0.4mm galvanized steel

Colour: White

Dimensions: Width 24mm | Height 38mm

**Spacer bar**

Type: V-profile

Material: Galvanized steel

Dimensions: Length 600mm

**Wall connection**

Type: < L-profile or Shadow line trim >

Material: 0.5mm galvanized steel

Colour: White

Dimension: < 24x20mm or 19+11 x 13+19mm >

**Suspension**

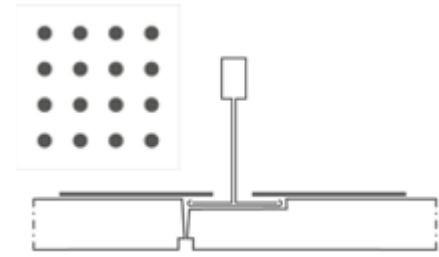
Type: < Adjustable hanger or direct hanger >

Dimension: < xxx - xxx mm >

**Installation**

- Screw spacing for attachment of wall connections max. 300mm c/c and in relation to the required ceiling height < xxx mm > (*min. 63mm*)
- Distance from wall to first hanger in direction of load-bearing (main runner) section  $\leq 100$  mm.
- Distance between hangers  $\leq 1500$  mm.
- Distance from wall to first load-bearing (main runner) section  $\leq 600$  mm.
- Distance between load-bearing (main runner) sections  $\leq 600$  mm.
- Align the first load-bearing (main runner) along one of the walls and secure it with help of adjusted spacer bar fixed into the wall.  
When first load-bearing (main runner) are aligned, then install the other spacer bars.
- Units of up to 1.0kg can be integrated directly into the ceiling tiles.  
In the case of heavier units, the unit must be installed independently without any load on the ceiling tile.  
For loads above  $3\text{kg/m}^2$ , additional hangers must be used.

## Demountable acoustic ceiling



### Content

Demountable acoustic gypsum ceiling for concealed T-grid system.  
 Repaintable without loss of acoustics.  
 100% recyclable product.  
 Suitable as ventilation ceiling with concealed air inlet.

## Products and materials

### Unity 6\_600 x 600 x 12.5\_D+

Material: Perforated plasterboard  
 Board Type: Ceiling tile  
 Dimensions: 600x600x12.5mm  
 Weight: 9.20-9.90 kg/m<sup>2</sup>  
 Edge: D+, concealed T-grid system.  
 Perforation: Round 6mm holes, c/c 15mm, Perforation to edge.  
 Perforation percent: 11.9 %  
 Surface: Water-based acrylic paint  
 Colour: White NCS 0701 Y24R, (RAL 9003); gloss 5  
 Fire rating: A2-s1,d0 in accordance with EN 13501-1  
 Light reflection: 72.8% in accordance with DIN 5036  
 Indoor climate: Degasification 10 days  
 Particle emission: Low  
 Air purification: Cleaneo technology

### Acoustics

200mm suspension without mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.40	0.60	0.70	0.65	0.60	0.60	0.65	0.60

200mm suspension with 45mm mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.40	0.60	0.75	0.70	0.65	0.60	0.70	0.70

**Main runner**

Type: T-profile

Material: 0.4mm galvanized steel

Colour: White

Dimensions: Width 24mm | Height 38mm

**Spacer bar**

Type: V-profile

Material: Galvanized steel

Dimensions: Length 600mm

**Wall connection**

Type: < L-profile or Shadow line trim >

Material: 0.5mm galvanized steel

Colour: White

Dimension: < 24x20mm or 19+11 x 13+19mm >

**Suspension**

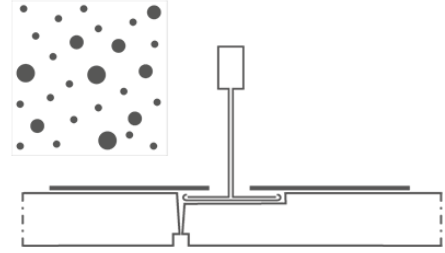
Type: < Adjustable hanger or direct hanger >

Dimension: < xxx - xxx mm >

**Installation**

- Screw spacing for attachment of wall connections max. 300mm c/c and in relation to the required ceiling height < xxx mm > (*min. 63mm*)
- Distance from wall to first hanger in direction of load-bearing (main runner) section  $\leq 100$  mm.
- Distance between hangers  $\leq 1500$  mm.
- Distance from wall to first load-bearing (main runner) section  $\leq 600$  mm.
- Distance between load-bearing (main runner) sections  $\leq 600$  mm.
- Align the first load-bearing (main runner) along one of the walls and secure it with help of adjusted spacer bar fixed into the wall.  
When first load-bearing (main runner) are aligned, then install the other spacer bars.
- Units of up to 1.0kg can be integrated directly into the ceiling tiles.  
In the case of heavier units, the unit must be installed independently without any load on the ceiling tile.  
For loads above 3kg/m<sup>2</sup>, additional hangers must be used.

## Demountable acoustic ceiling



### Content

Demountable acoustic gypsum ceiling for concealed T-grid system.  
Repaintable without loss of acoustics.  
100% recyclable product.  
Suitable as ventilation ceiling with concealed air inlet.

## Products and materials

### Unity 8|15|20\_600 x 600 x 12.5\_D+

Material: Perforated plasterboard  
Board Type: Ceiling tile  
Dimensions: 600x600x12.5mm  
Weight: 9.20-9.90 kg/m<sup>2</sup>  
Edge: D+, concealed T-grid system.  
Perforation: Random round 5|8|15|20mm holes, Perforation to edge.  
Perforation percent: 10.8 %  
Surface: Water-based acrylic paint  
Colour: White NCS 0701 Y24R, (RAL 9003); gloss 5  
Fire rating: A2-s1,d0 in accordance with EN 13501-1  
Light reflection: 72.2% in accordance with DIN 5036  
Indoor climate: Degasification 10 days  
Particle emission: Low  
Air purification: Cleaneo technology

### Acoustics

200mm suspension without mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.40	0.55	0.60	0.60	0.50	0.50	0.60	0.55

200mm suspension with 45mm mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.45	0.60	0.55	0.60	0.55	0.60	0.60	0.55

**Main runner**

Type: T-profile

Material: 0.4mm galvanized steel

Colour: White

Dimensions: Width 24mm | Height 38mm

**Spacer bar**

Type: V-profile

Material: Galvanized steel

Dimensions: Length 600mm

**Wall connection**

Type: < L-profile or Shadow line trim >

Material: 0.5mm galvanized steel

Colour: White

Dimension: < 24x20mm or 19+11 x 13+19mm >

**Suspension**

Type: < Adjustable hanger or direct hanger >

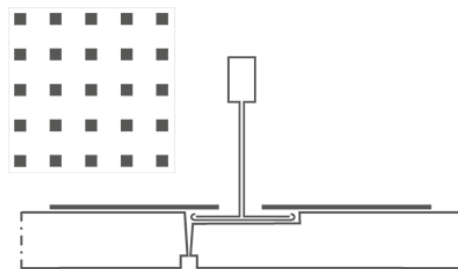
Dimension: < xxx - xxx mm >

**Installation**

- Screw spacing for attachment of wall connections max. 300mm c/c and in relation to the required ceiling height < xxx mm > (*min. 63mm*)
- Distance from wall to first hanger in direction of load-bearing (main runner) section  $\leq 100$  mm.
- Distance between hangers  $\leq 1500$  mm.
- Distance from wall to first load-bearing (main runner) section  $\leq 600$  mm.
- Distance between load-bearing (main runner) sections  $\leq 600$  mm.
- Align the first load-bearing (main runner) along one of the walls and secure it with help of adjusted spacer bar fixed into the wall.  
When first load-bearing (main runner) are aligned, then install the other spacer bars.
- Units of up to 1.0kg can be integrated directly into the ceiling tiles.  
In the case of heavier units, the unit must be installed independently without any load on the ceiling tile.  
For loads above 3kg/m<sup>2</sup>, additional hangers must be used.



## Demountable acoustic ceiling



### Content

Demountable acoustic gypsum ceiling for concealed T-grid system.  
Repaintable without loss of acoustics.  
100% recyclable product.  
Suitable as ventilation ceiling with concealed air inlet.

## Products and materials

### Unity 9\_600 x 600 x 12.5\_D+

Material: Perforated plasterboard  
Board Type: Ceiling tile  
Dimensions: 600x600x12.5mm  
Weight: 9.20-9.90 kg/m<sup>2</sup>  
Edge: D+, concealed T-grid system.  
Perforation: Square 9x9mm holes, c/c 20mm, Perforation to edge.  
Perforation percent: 18.9 %  
Surface: Water-based acrylic paint  
Colour: White NCS 0701 Y24R, (RAL 9003); gloss 5  
Fire rating: A2-s1,d0 in accordance with EN 13501-1  
Light reflection: 71.6% in accordance with DIN 5036  
Indoor climate: Degasification 10 days  
Particle emission: Low  
Air purification: Cleaneo technology

### Acoustics

200mm suspension without mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.45	0.75	0.85	0.75	0.75	0.65	0.75	0.80

200mm suspension with 45mm mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.55	0.85	0.85	0.80	0.85	0.80	0.85	0.85

**Main runner**

Type: T-profile

Material: 0.4mm galvanized steel

Colour: White

Dimensions: Width 24mm | Height 38mm

**Spacer bar**

Type: V-profile

Material: Galvanized steel

Dimensions: Length 600mm

**Wall connection**

Type: < L-profile or Shadow line trim >

Material: 0.5mm galvanized steel

Colour: White

Dimension: < 24x20mm or 19+11 x 13+19mm >

**Suspension**

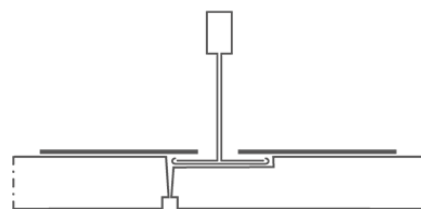
Type: < Adjustable hanger or direct hanger >

Dimension: < xxx - xxx mm >

**Installation**

- Screw spacing for attachment of wall connections max. 300mm c/c and in relation to the required ceiling height < xxx mm > (*min. 63mm*)
- Distance from wall to first hanger in direction of load-bearing (main runner) section  $\leq 100$  mm.
- Distance between hangers  $\leq 1500$  mm.
- Distance from wall to first load-bearing (main runner) section  $\leq 600$  mm.
- Distance between load-bearing (main runner) sections  $\leq 600$  mm.
- Align the first load-bearing (main runner) along one of the walls and secure it with help of adjusted spacer bar fixed into the wall.  
When first load-bearing (main runner) are aligned, then install the other spacer bars.
- Units of up to 1.0kg can be integrated directly into the ceiling tiles.  
In the case of heavier units, the unit must be installed independently without any load on the ceiling tile.  
For loads above 3kg/m<sup>2</sup>, additional hangers must be used.

## Demountable acoustic ceiling



### Content

Demountable acoustic gypsum ceiling for concealed T-grid system.  
100% recyclable product.

## Products and materials

### Regula\_600 x 600 x 12.5\_D+

Material: Non-perforated plasterboard

Board Type: Ceiling tile

Dimensions: 600x600x12.5mm

Weight: 9.20-9.90 kg/m<sup>2</sup>

Edge: D+, concealed T-grid system.

Surface: Water-based acrylic paint

Colour: White NCS 0701 Y24R, (RAL 9003); gloss 5

Fire rating: A2-s1,d0 in accordance with EN 13501-1

Light reflection: 82.6% in accordance with DIN 5036

Indoor climate: Degasification 10 days

Particle emission: Low

## Acoustics

All suspension without mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	NRC
0.40	0.20	0.10	0.05	0.05	0.05	0.10	0.05

**Main runner**

Type: T-profile

Material: 0.4mm galvanized steel

Colour: White

Dimensions: Width 24mm | Height 38mm

**Spacer bar**

Type: V-profile

Material: Galvanized steel

Dimensions: Length 600mm

**Wall connection**

Type: < L-profile or Shadow line trim >

Material: 0.5mm galvanized steel

Colour: White

Dimension: < 24x20mm or 19+11 x 13+19mm >

**Suspension**

Type: < Adjustable hanger or direct hanger >

Dimension: < xxx - xxx mm >

**Installation**

- Screw spacing for attachment of wall connections max. 300mm c/c and in relation to the required ceiling height < xxx mm > (*min. 63mm*)
- Distance from wall to first hanger in direction of load-bearing (main runner) section  $\leq 100$  mm.
- Distance between hangers  $\leq 1500$  mm.
- Distance from wall to first load-bearing (main runner) section  $\leq 600$  mm.
- Distance between load-bearing (main runner) sections  $\leq 600$  mm.
- Align the first load-bearing (main runner) along one of the walls and secure it with help of adjusted spacer bar fixed into the wall.  
When first load-bearing (main runner) are aligned, then install the other spacer bars.
- Units of up to 1.0kg can be integrated directly into the ceiling tiles.  
In the case of heavier units, the unit must be installed independently without any load on the ceiling tile.  
For loads above 3kg/m<sup>2</sup>, additional hangers must be used.