



OWA metal ceilings

OWAtecta – metal ceilings

OWA

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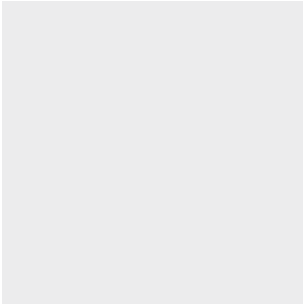
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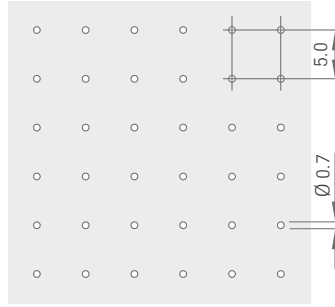
Perforations – steel

 $\alpha_w = 0.05$ | NRC = 0.05



L0 un-perforated

 $\alpha_w = 0.55$ | NRC = 0.55

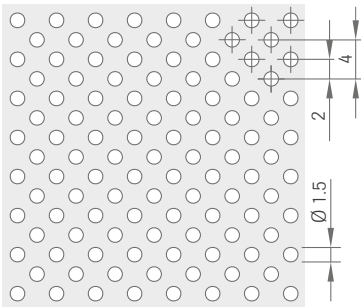


Rg0701

Ø = 0.7 mm

1 % open area

 $\alpha_w = 0.70$ | NRC = 0.70

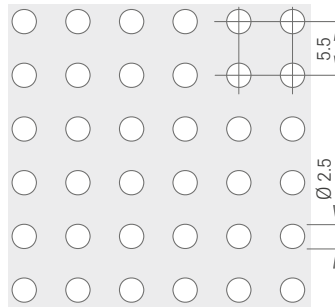


Rd1522

Ø = 1.5 mm

22 % open area

 $\alpha_w = 0.80$ | NRC = 0.75

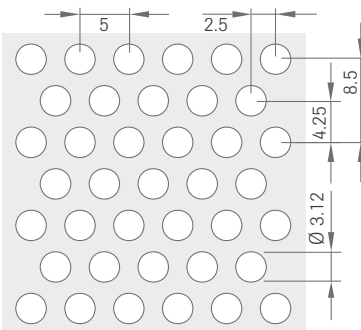


Rg2516

Ø = 2.5 mm

16 % open area

 $\alpha_w = 0.80$ | NRC = 0.80



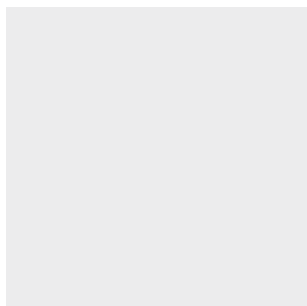
Rv3136

Ø = 3.12 mm

36 % open area

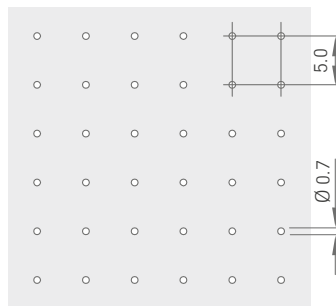
Perforations – aluminium

 $\alpha_w = 0.05$ | NRC = 0.05



L0 un-perforated

 $\alpha_w = 0.55$ | NRC = 0.55

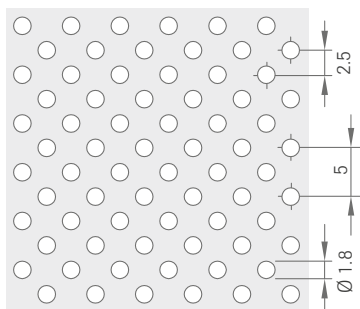


Rg0701

Ø = 0.7 mm

1 % open area

 $\alpha_w = 0.65$ | NRC = 0.60

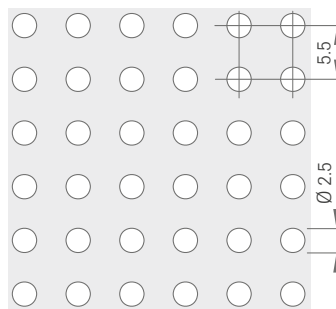


Rd1820

Ø = 1.8 mm

20 % open area

 $\alpha_w = 0.80$ | NRC = 0.75

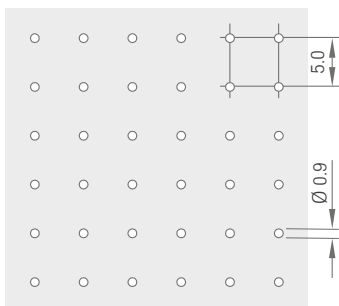


Rg2516

Ø = 2.5 mm

16 % open area

 $\alpha_w = 0.60$ | NRC = 0.60



Rg0901

Ø = 0.9 mm

1 % open area

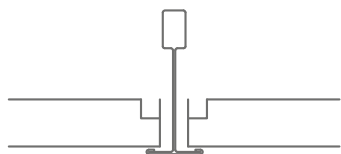
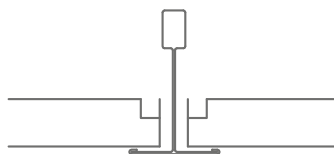
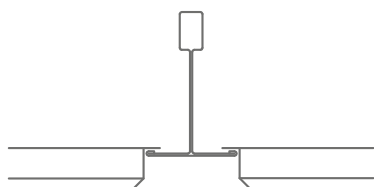
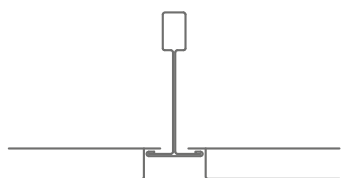
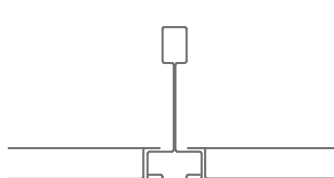
Edges



K 01



K 02

K 03
T 15 mm gridK 03
T 24 mm gridK 07
T 24 mm gridK 16
T 15 mm gridK 16
OWAline grid

K 10



K 11



K 11s



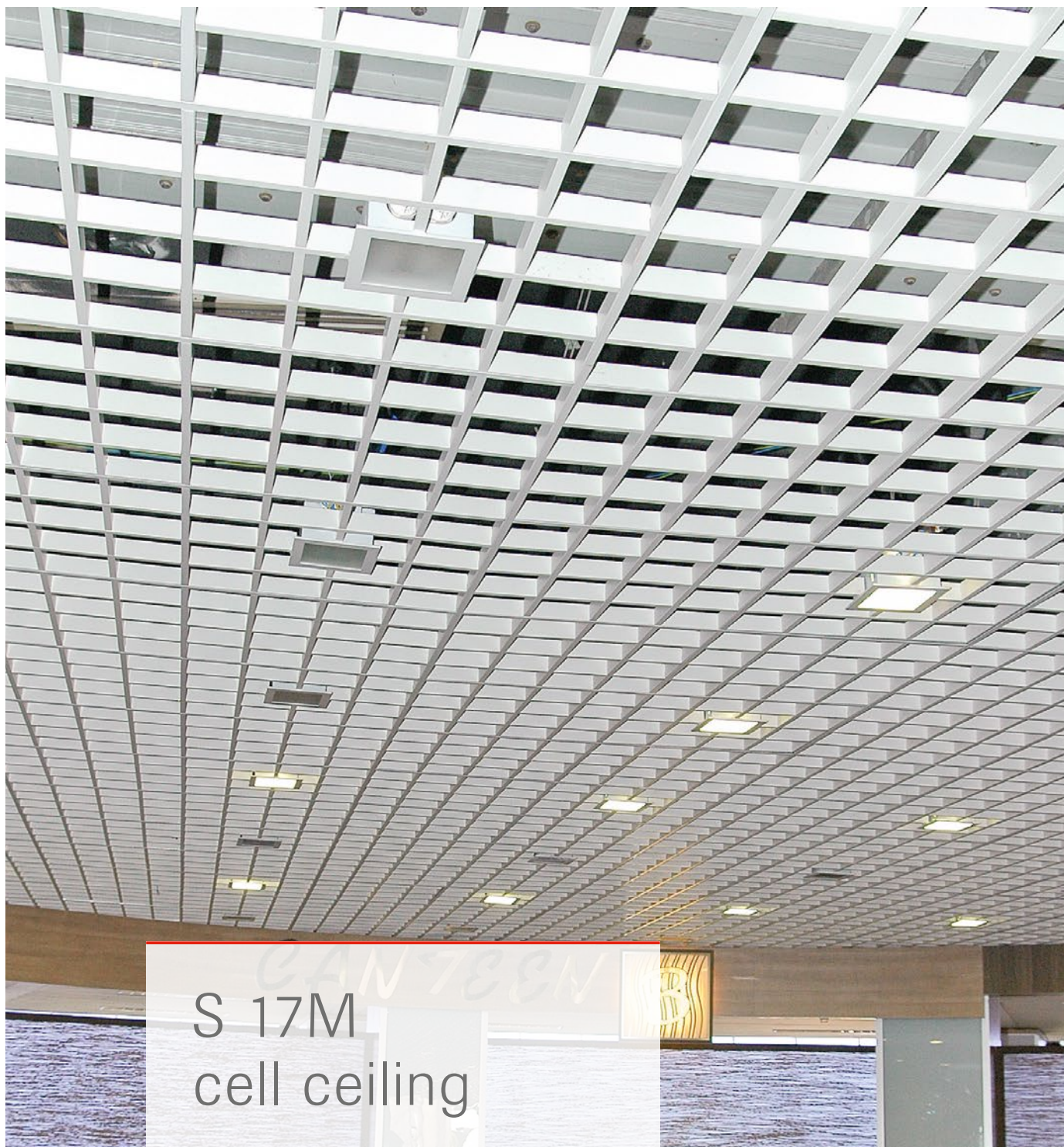
K 13

Technical information

Material	Classification of steel according to EN 10152: KBB DC01+ZE25/25	
Light reflection	The standard colour for OWAteca metal tiles is similar RAL 9003. They reflect approx. 76 % (L0) of the incident light.	
Degree of gloss	23 gloss units (60° angle) (data according to circumstances in laboratory)	
Paint	Thickness of powder coating with our standard products is around 60 to 70 µm.	
Reaction to fire	EN 13501-1	ASTM E84 / ASTM E 1264
	Unperforated:	Class 1 / class A
	Perforated:	Class 1 / class A

Product Warranties The information provided in this leaflet is based on the standards and data available at the time of publication. Any performance, warranties or guarantees provided, expressed or implied, are subject to the exclusive use of OWA components and the installation of those components in accordance with our recommendations. Failure to adhere to these conditions will result in the invalidation of any performance claims, warranties or guarantees and rejection of any liability. OWA reserves the right to make any technical improvements to the products, systems or services without prior notice. **All goods and services are supplied in accordance with our current Terms and Conditions of Sale.** Errors excepted!





S 17M cell ceiling

OWAtecta

- unique and open design
- very light and easy demountable
- ideal to cover technical equipment installed in the soffit



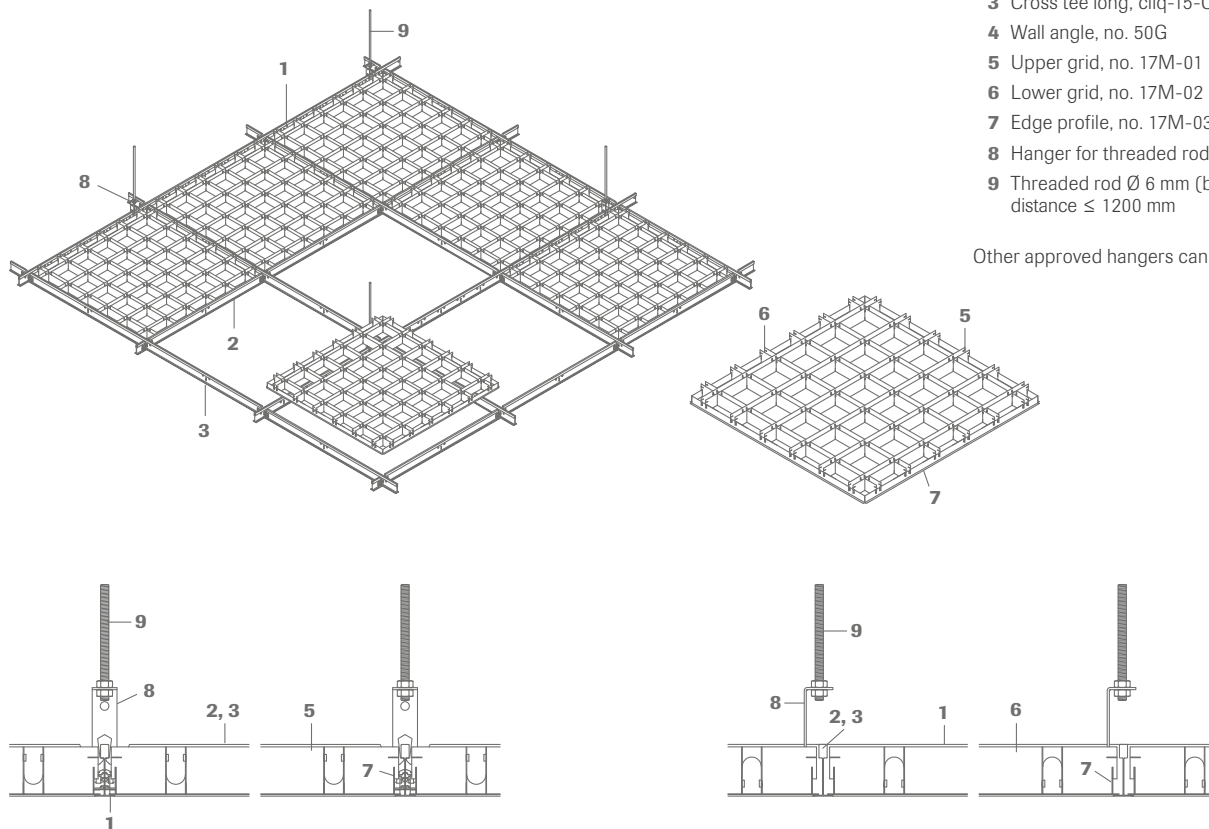
System S 17M



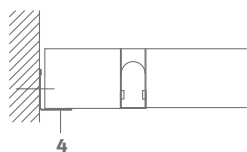
S 17M cell ceiling for 15 mm T profile

- 1 Main tee, cliq-15-MR/Deco-38C
- 2 Cross tee short, cliq-15-CT/Deco-28C
- 3 Cross tee long, cliq-15-CT/Deco-28C
- 4 Wall angle, no. 50G
- 5 Upper grid, no. 17M-01
- 6 Lower grid, no. 17M-02
- 7 Edge profile, no. 17M-03
- 8 Hanger for threaded rod, no. 49/15M
- 9 Threaded rod Ø 6 mm (by client)
distance ≤ 1200 mm

Other approved hangers can also be used!



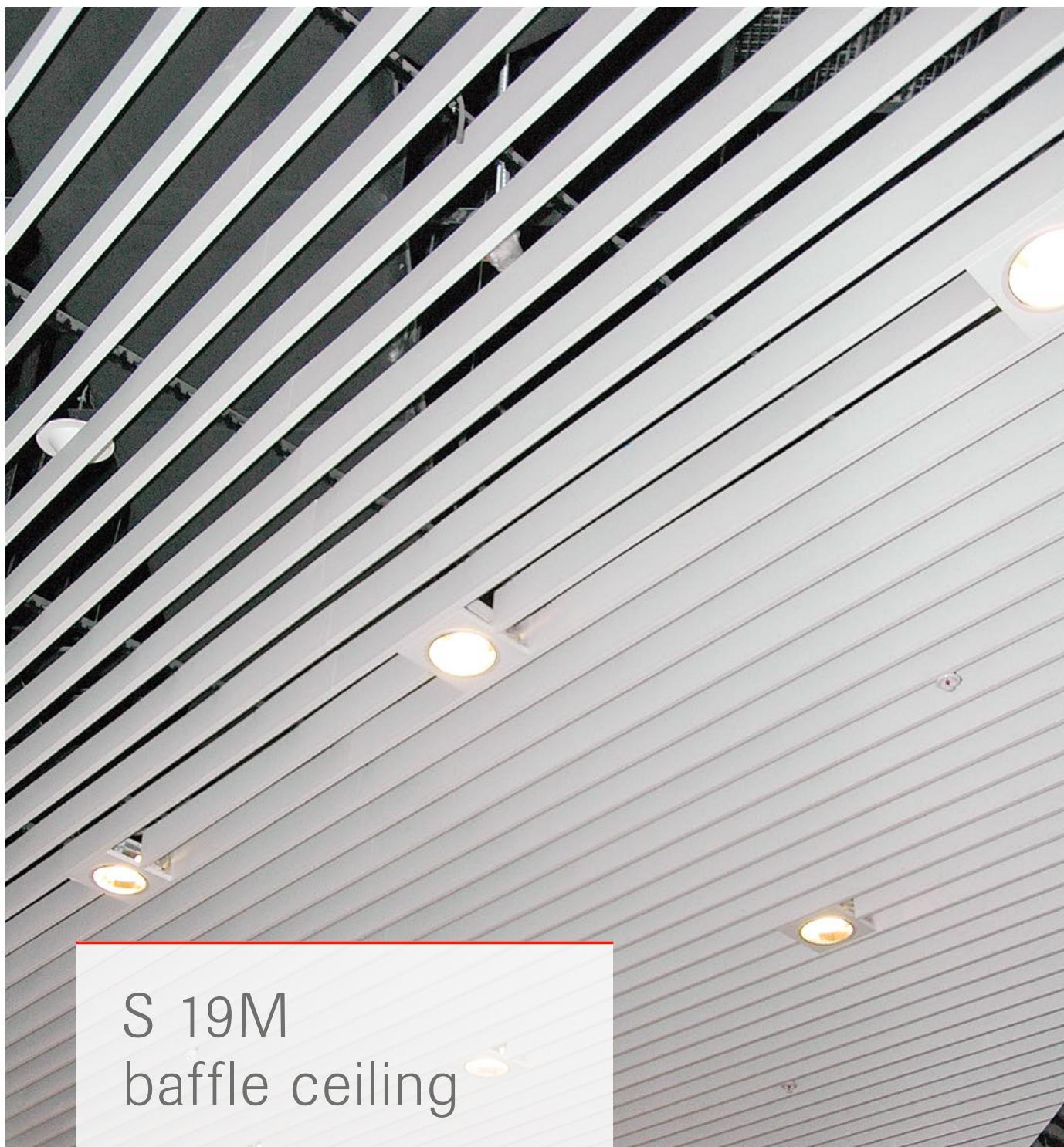
Wall perimeter:



Technical data

Material	Steel	Aluminium
Module size	600 x 600 mm, 2' x 2'	600 x 600 mm, 2' x 2'
Thickness	0.3 mm	0.5 mm
Cell sizes	75 x 75 mm (2.95" x 2.95"), 100 x 100 mm (3.94" x 3.94"), 150 x 150 mm (5.9" x 5.9"), 200 x 200 mm (7.87" x 7.87")	
Colour	OWA white, black matt	

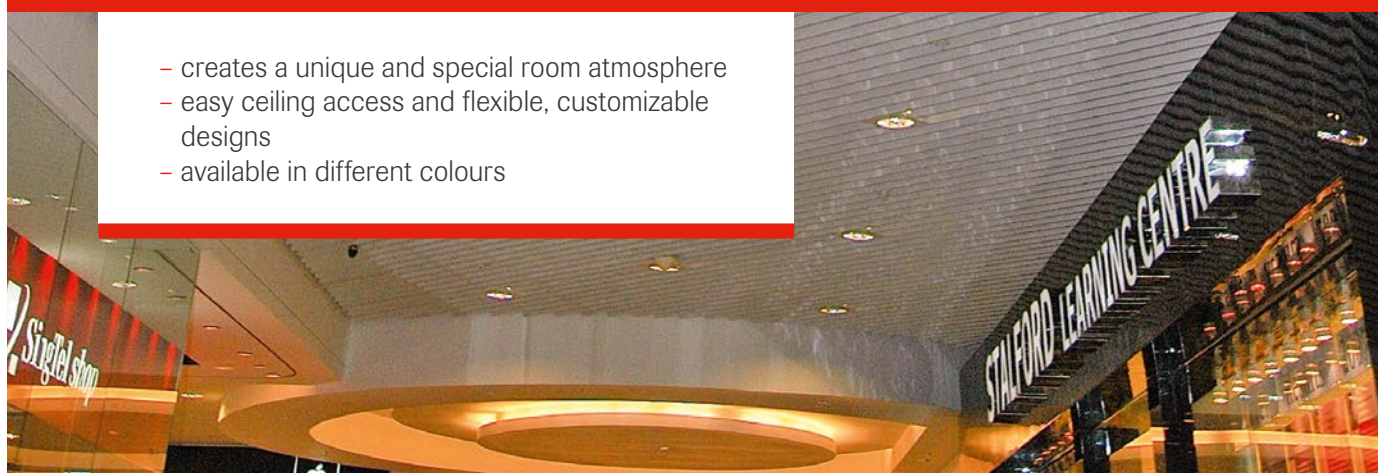
¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 19M baffle ceiling

OWAtecta

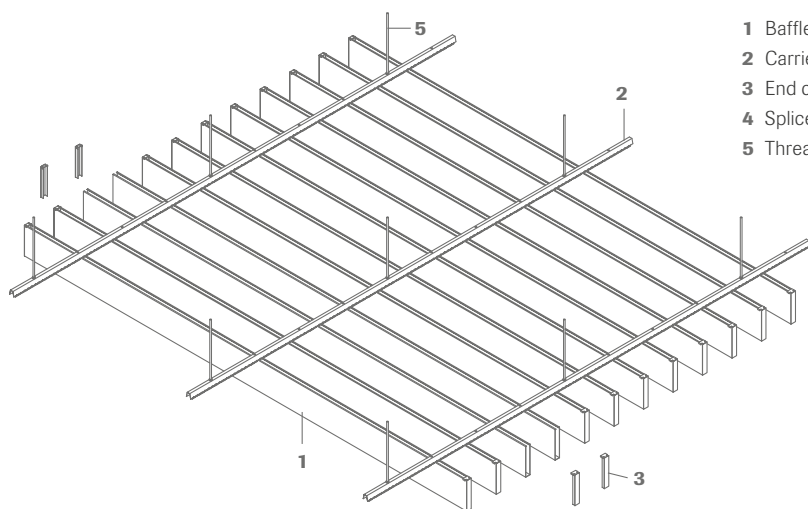
- creates a unique and special room atmosphere
- easy ceiling access and flexible, customizable designs
- available in different colours



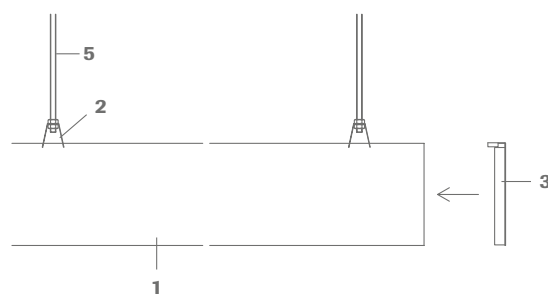
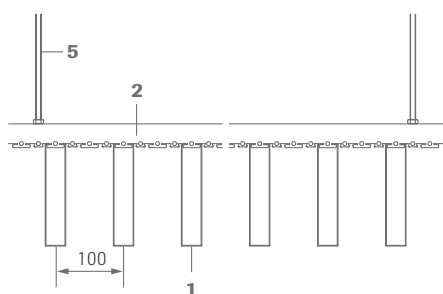
System S 19M



S 19M baffle ceiling



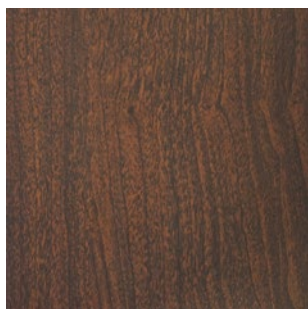
- 1 Baffle
- 2 Carrier profile, no. 19M-01, distance ≤ 1200 mm
- 3 End cap, no. 19M-02
- 4 Splice for baffle, no. 19M-03 (not shown in the drawing)
- 5 Threaded rod $\varnothing 8$ mm (by client), distance ≤ 1200 mm



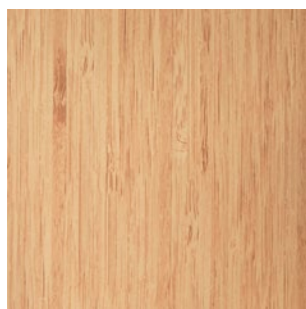
Technical data

Material	Steel	Aluminium
Size (w x h)	20 x 100 mm, 30 x 100 mm, 50 x 100 mm maximum length: 4000 mm	20 x 100 mm, 30 x 100 mm, 50 x 100 mm maximum length: 4000 mm
Thickness	0.6 mm	0.8 mm
Perforations ²	L0, Rg2516, Rd1522, Rg0701 (with mineral wool inlay)	L0, Rg2516, Rd1820, Rg0901, Rg0701 (with mineral wool inlay)
Colour	OWA white, other colours on request	

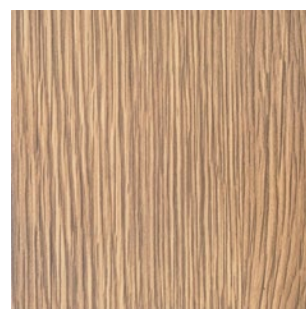
Wooden colours



CF 8002

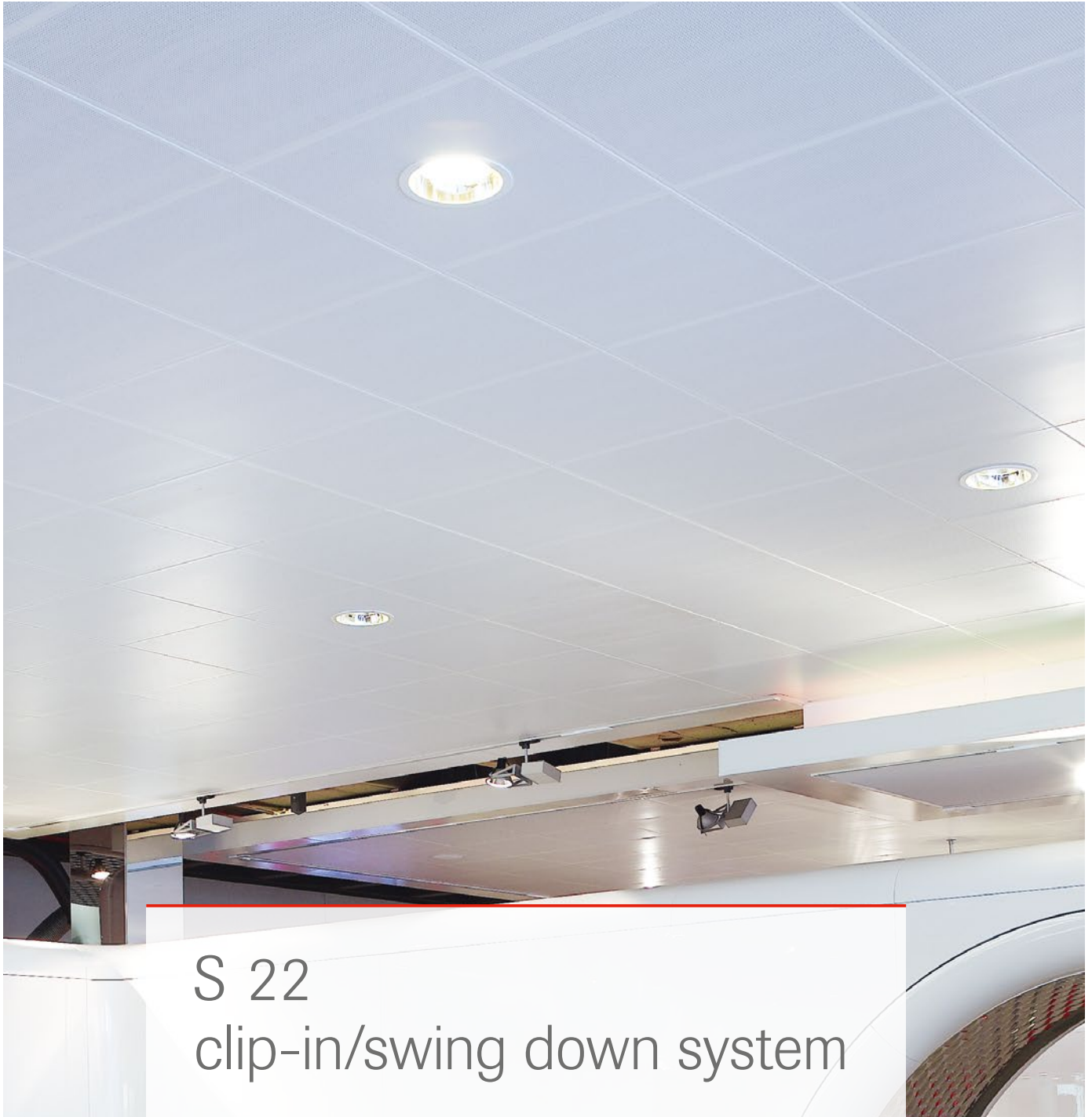


CF 8016



CF 8034

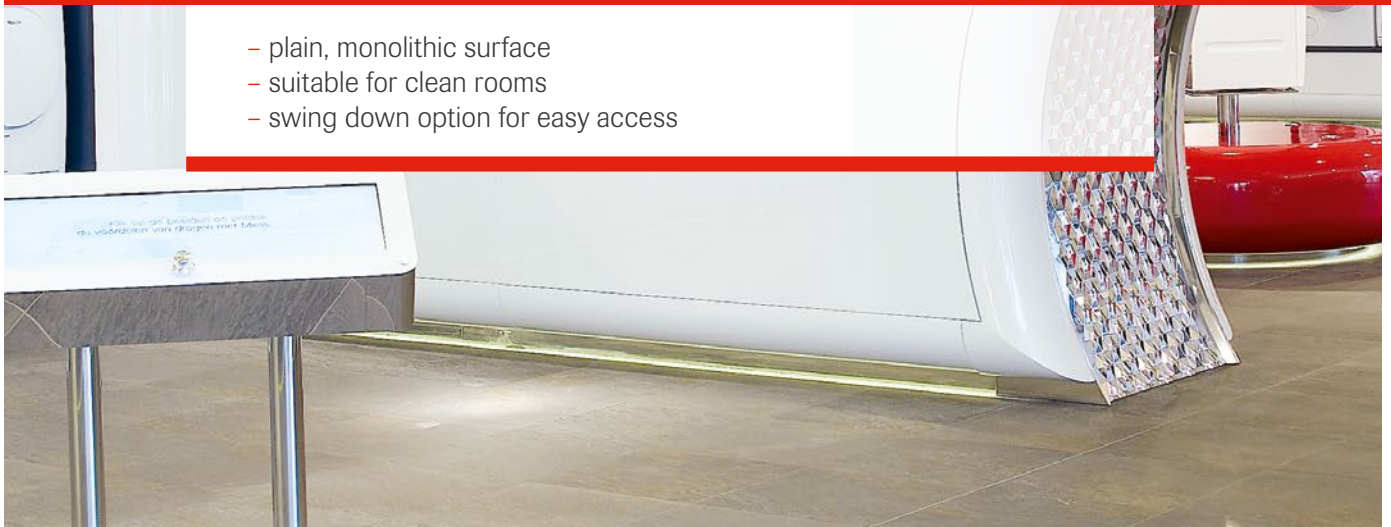
¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 22 clip-in/swing down system

OWAtecta

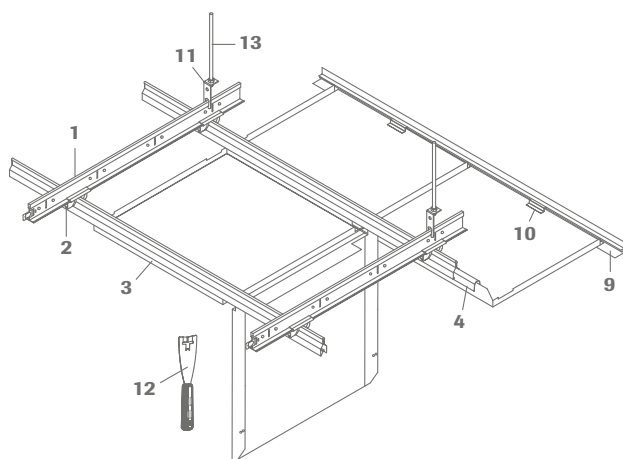
- plain, monolithic surface
- suitable for clean rooms
- swing down option for easy access



System S 22



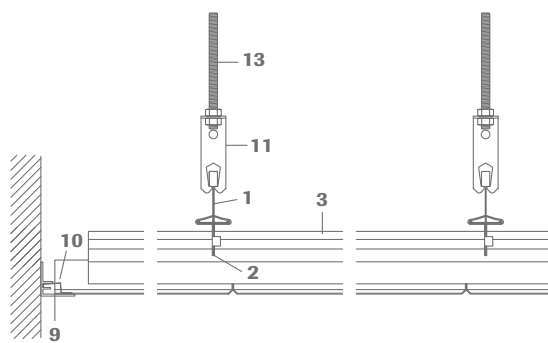
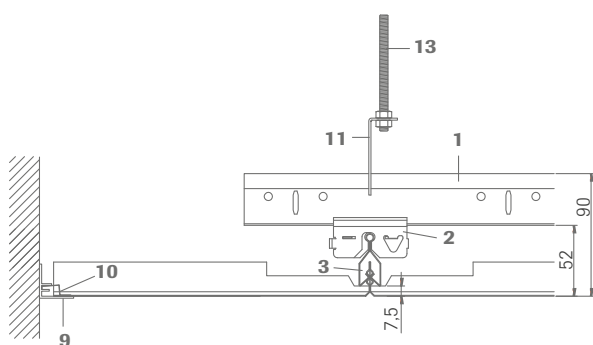
S 22 clip-in/swing down system concealed



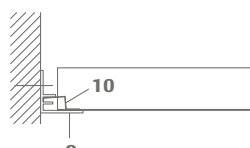
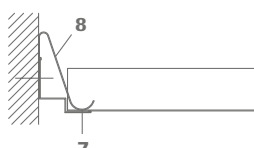
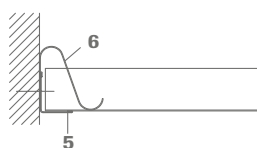
- 1 Main tee, no. 45 or cliq, distance ≤ 1200 mm
- 2 Cross connector, no. 93C
- 3 Clip-in profile, no. 87M
- 4 Clip-in profile splice, no. 88E
- 5 Wall angle (steel), no. 50G
- 6 Wall clip, no. 99009
- 7 Shadow wall angle (steel), no. 50/15G
- 8 Wall clip, no. 99010
- 9 F wall angle (aluminium), no. 50F
- 10 Clip for F wall angle, no. 5220M
- 11 Hanger for threaded rod, no. 49/15M
- 12 Clip-tool no. 99005
- 13 Threaded rod $\varnothing 6$ mm (by client), distance ≤ 1200 mm

Other approved hangers can also be used!

The hangers have to be installed on the intersections of the main tees and the clip-in profiles, not more than 100 mm apart.



Wall perimeter:



Technical data

Material	Steel	Aluminium (not retractable)
Module size	600 x 600 mm, 2' x 2', 625 x 625 mm	600 x 600 mm, 2' x 2'
Thickness	0.6 mm	0.8 mm
Perforations ²	L0, Rg2516, Rd1522, Rv3136, Rg0701	L0, Rg2516, Rd1820, Rg0901, Rg0701
Available edges ¹	K 01	K 01
Colour	OWA white, RAL 9006	OWA white, RAL 9006

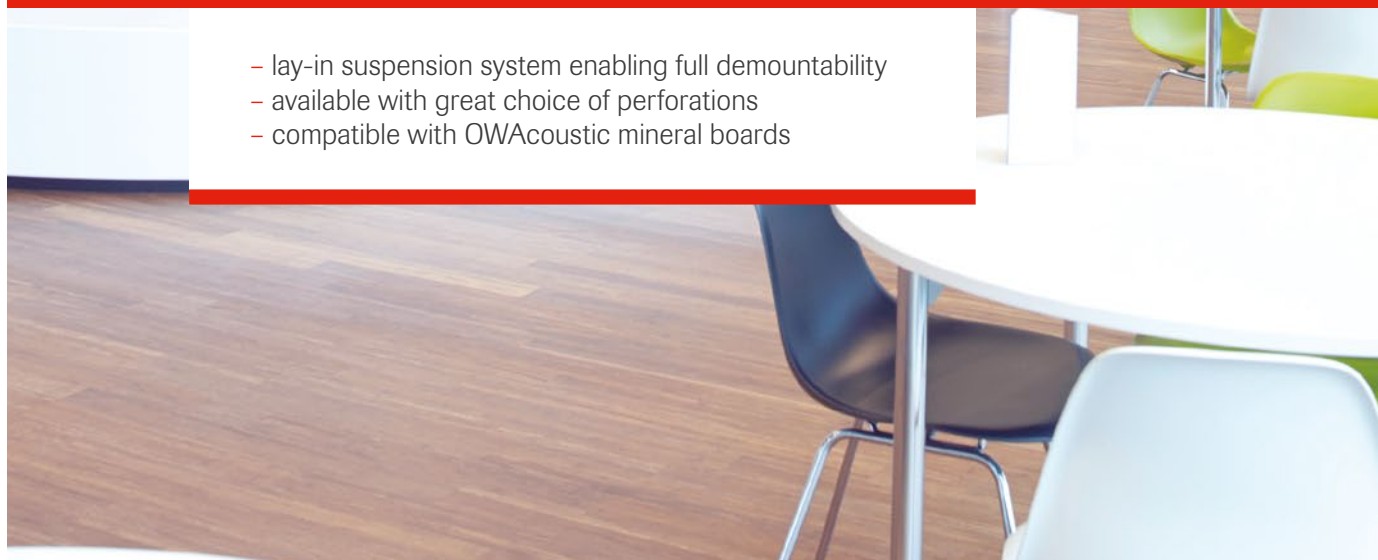
¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 33 lay-in system

OWAtecta

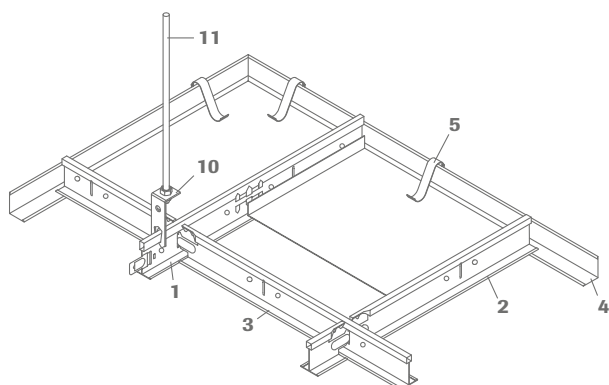
- lay-in suspension system enabling full demountability
- available with great choice of perforations
- compatible with OWAacoustic mineral boards



System S 33

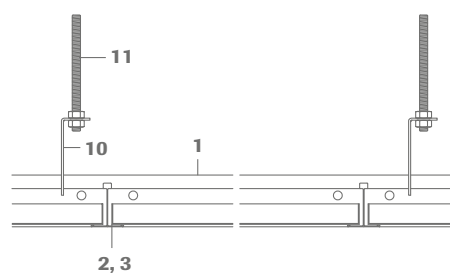
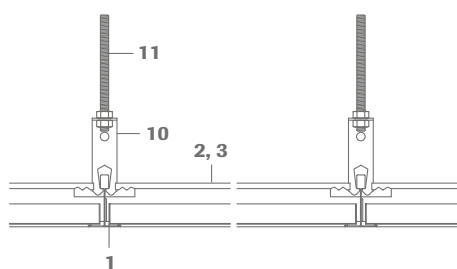


S 33 lay-in system for 24 mm T profile

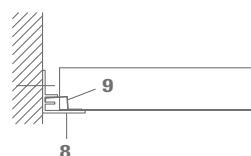
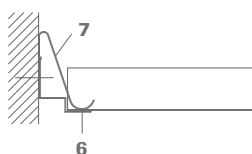
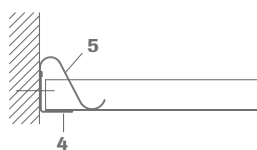


- 1** Main tee, no. 45/Deco-38A
- 2** Cross tee short, no. 46/Deco-25A
- 3** Cross tee long, no. 47/Deco-25A
- 4** Wall angle (steel), no. 50G
- 5** Wall clip, no. 99009
- 6** Shadow wall angle (steel), no. 50/15G
- 7** Wall clip, no. 99010
- 8** F wall angle (aluminium), no. 50F
- 9** Clip for F wall angle, no. 5220M
- 10** Hanger for threaded rod, no. 49/15M
- 11** Threaded rod Ø 6 mm (by client), distance ≤ 1200 mm

Other approved hangers can also be used!



Wall perimeter:



Technical data

Material	Steel	Aluminium
Module size	600 x 600 mm, 2' x 2', 625 x 625 mm	600 x 600 mm, 2' x 2', 625 x 625 mm
Thickness	0.5 mm	0.8 mm
Perforations ²	L0, Rg2516, Rd1522, Rv3136, Rg0701	L0, Rg2516, Rd1820, Rg0901, Rg0701
Available edges ¹	K 03, K 07	K 03, K 07
Colour	OWA white, RAL 9006	OWA white, RAL 9006

¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 36 lay on corridor system

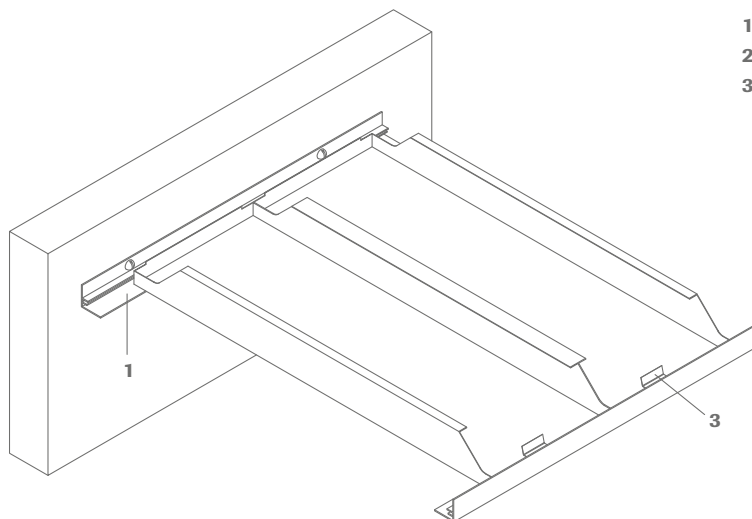
OWAtecta

- corridor system
- available with great choice of colours and perforations
- panels are laid on the wall angle and can be cut on site

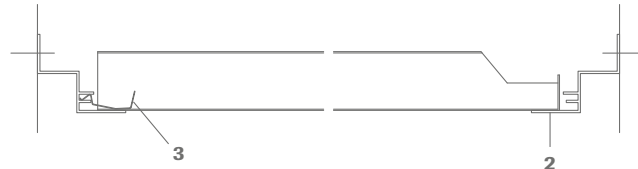
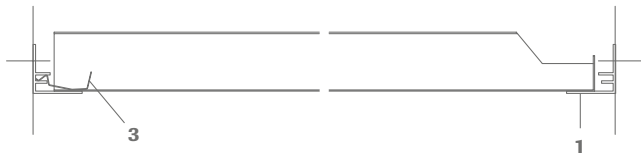
System S 36



S 36 lay on corridor system



- 1 F wall angle (aluminium), no. 50F
- 2 Shadow F wall angle (aluminium), no. 5620F
- 3 Clip for F wall angle, no. 5220M



Technical data

Material	Steel	Aluminium
Module size	Max. length 3000 mm max. width 600 mm (max. size 1.0 m ²)	Max. length 3000 mm max. width 600 mm (max. size 1.0 m ²)
Thickness	Depends on size	Depends on size
Perforations ²	On request	On request
Available edges ¹	K 03	K 03
Colour	OWA white, other colours on request	OWA white, other colours on request

¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 36 Progress corridor system

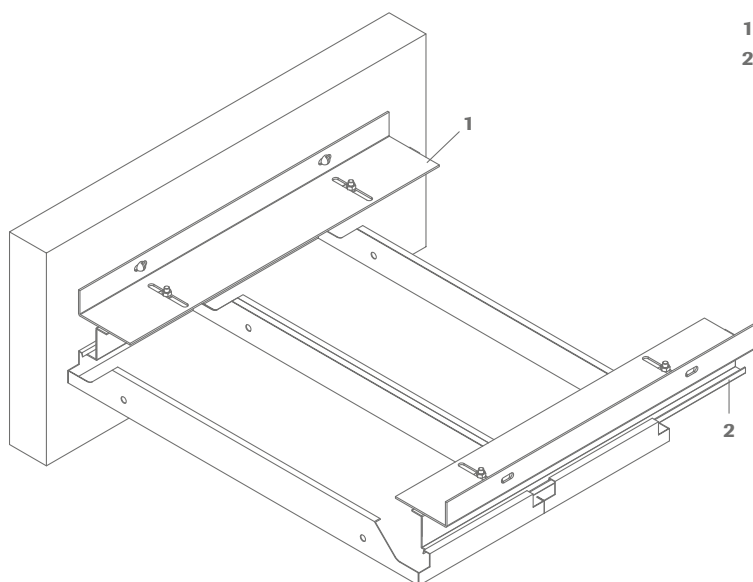
OWAtecta

- corridor system
- available with great choice of colours and perforations
- panels can be swung down along the short side or individually removed

System S 36

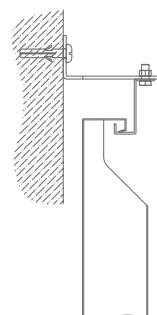
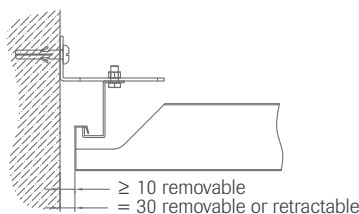
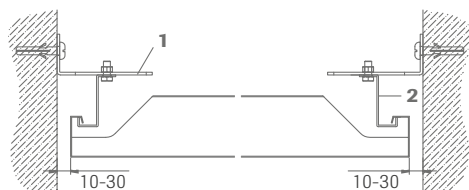
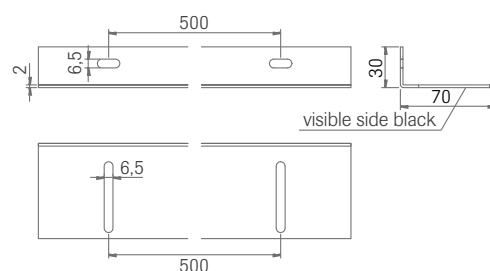


S 36 Progress corridor system



1 Wall angle, no. 5110

2 Z profile, no. 90E01



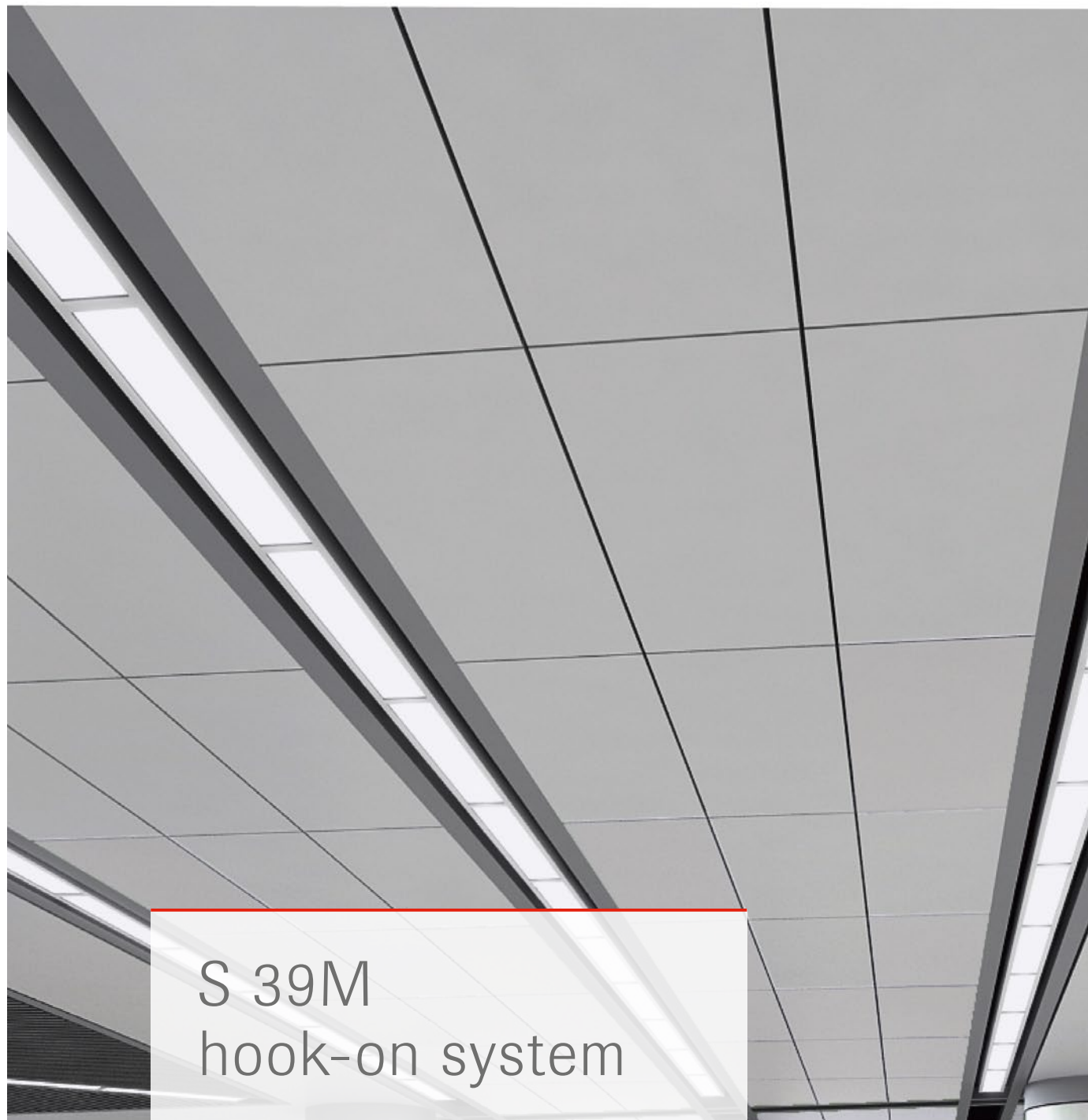
Attention:

The walls of the corridor have to be parallel. It is not possible to cut the tiles on site.

Technical data

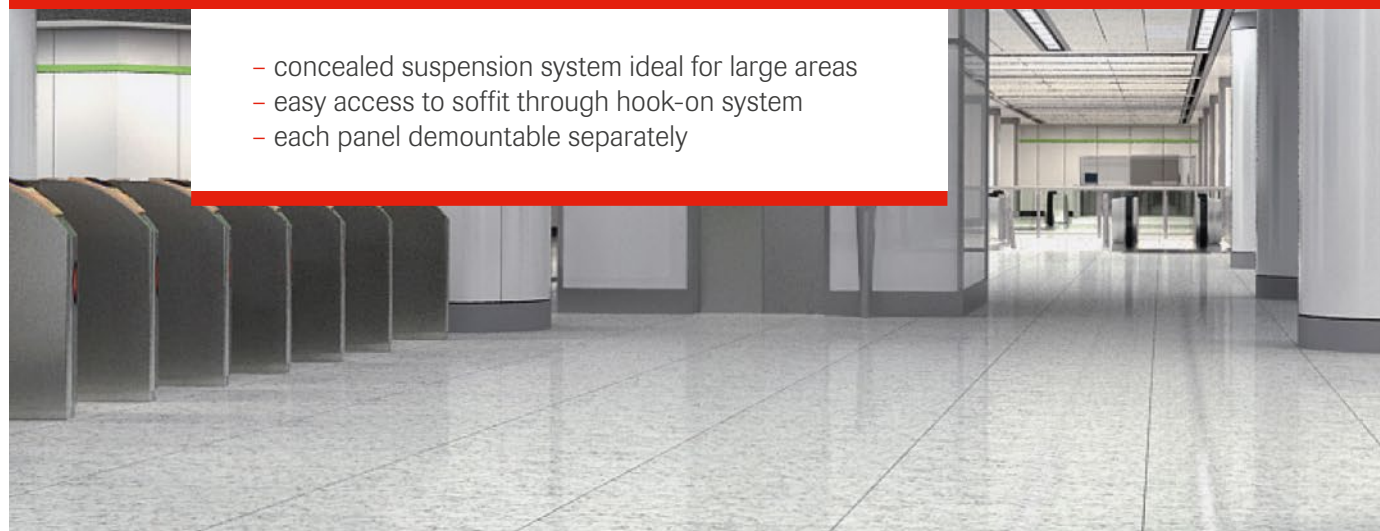
Material	Steel	Aluminium
Module size	Max. length 2500 mm max. width 600 mm (max. size 1.0 m ²)	Max. length 2500 mm max. width 600 mm (max. size 1.0 m ²)
Thickness	Depends on size	Depends on size
Perforations ²	On request	On request
Available edges ¹	K 11s	K 11s
Colour	OWA white, other colours on request	OWA white, other colours on request

¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 39M hook-on system

OWAtecta

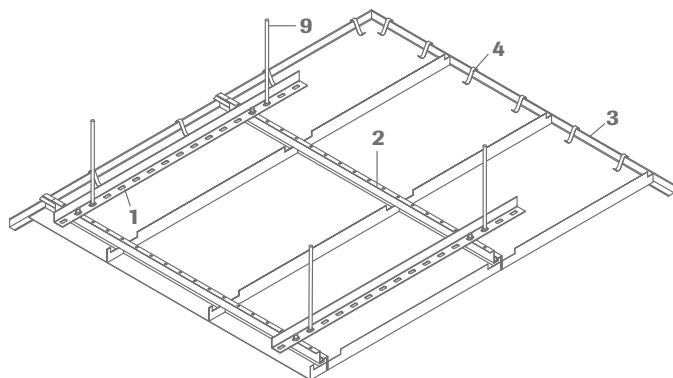


- concealed suspension system ideal for large areas
- easy access to soffit through hook-on system
- each panel demountable separately

System S 39M



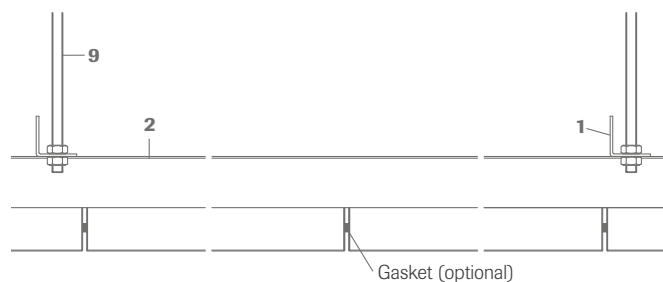
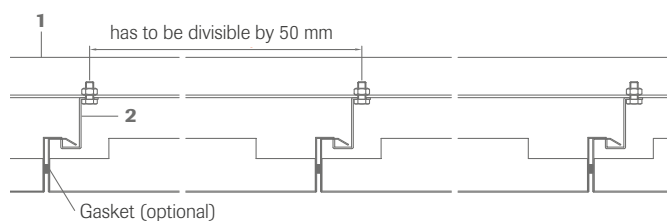
S 39M hook-on system with Z profiles



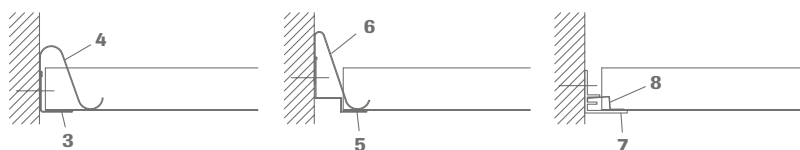
- 1 Carrier profile, D39-01
- 2 Z profile, no. 90E01
- 3 Wall angle (steel), no. 50G
- 4 Wall clip, no. 99009
- 5 Shadow wall angle (steel), no. 50/15G
- 6 Wall clip, no. 99010
- 7 F wall angle (aluminium), no. 50F
- 8 Clip for F wall angle, no. 5220M
- 9 Threaded rod Ø 8 mm (by client)

Panel length ≤	Carrier profile distance ≤	Hanger distance ≤
1250 mm	1250 mm	1250 mm
1500 mm	1200 mm	1500 mm
2000 mm	1000 mm	2000 mm
2500 mm	850 mm	2000 mm

The hangers have to be installed on the intersections of the carrier profiles and the Z profiles, not more than 100 mm apart. The maximum distance of the hangers depends on the length of the tiles.



Wall perimeter:



Technical data

Material

Steel

Aluminium

Module size

Max. length 2500 mm
max. width 1100 mm
(max. size 1.0 m²)

Max. length 2500 mm
max. width 1400 mm
(max. size 1.0 m²)

Thickness

Depends on size

Depends on size

Perforations²

On request

On request

Available edges¹

K 11

K 11

Colour

OWA white

OWA white

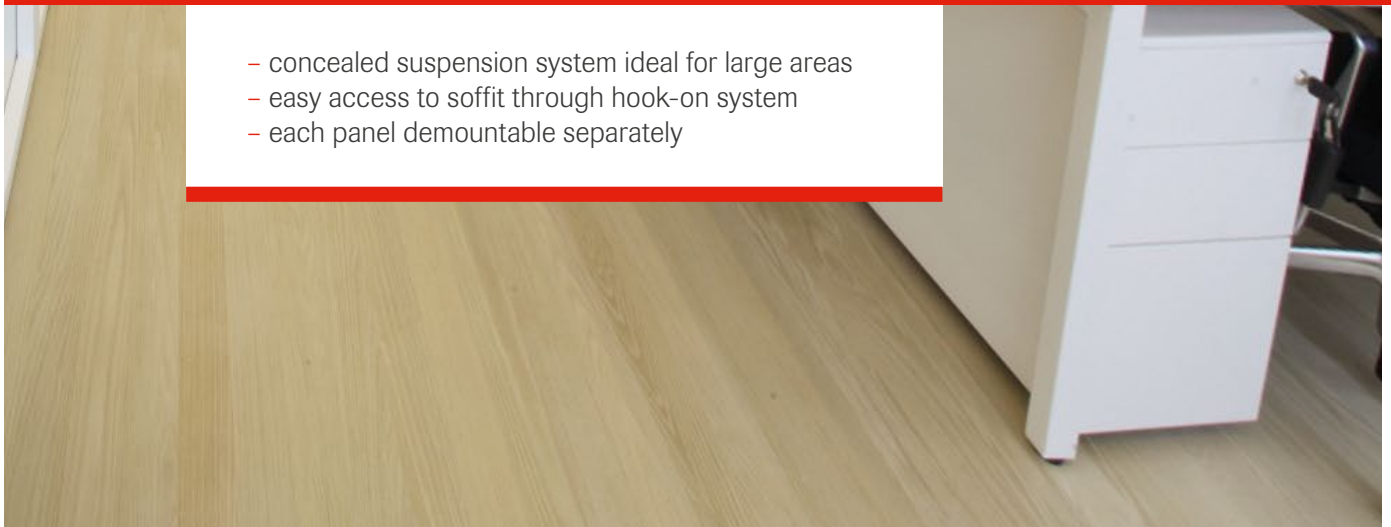
¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 39 Mesh hook-on system

OWAtecta

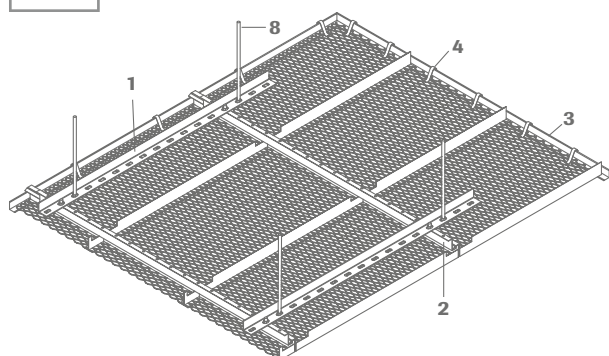
- concealed suspension system ideal for large areas
- easy access to soffit through hook-on system
- each panel demountable separately



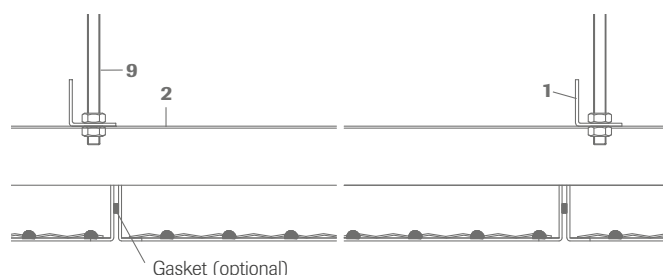
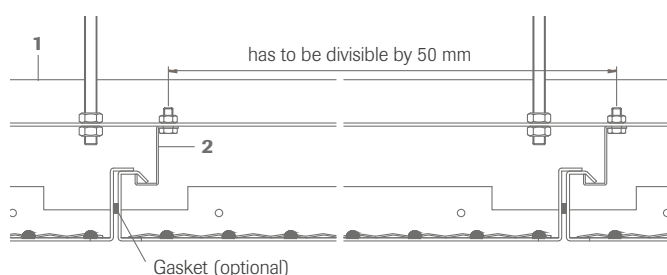
System S 39 Mesh



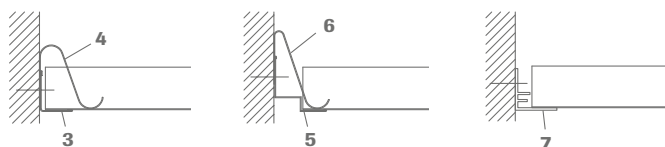
S 39 Mesh hook-on system with Z profiles



- 1 Carrier profile, D39-01
- 2 Z profile, no. 90E01
- 3 Wall angle (steel), no. 50G
- 4 Wall clip, no. 99009
- 5 Shadow wall angle (steel), no. 50/15G
- 6 Wall clip, no. 99010
- 7 F wall angle (aluminium), no. 50F
- 8 Threaded rod Ø 8 mm (by client)



Wall perimeter:



Panel length ≤	Carrier profile distance ≤	Hanger distance ≤
1250 mm	1250 mm	1250 mm
1500 mm	1200 mm	1500 mm
2000 mm	1000 mm	2000 mm

The hangers have to be installed on the intersections of the carrier profiles and the Z profiles, not more than 100 mm apart. The maximum distance of the hangers depends on the length of the tiles.

Technical data

Material

Aluminium

Aluminium

Module size

Max. length 2000 mm
max. width 900 mm

Max. length 2000 mm
max. width 900 mm

Thickness

1.5 mm

1.5 mm

Mesh size

12 x 25 mm

10 x 25 mm

Mesh shape

Diamond

Turtle back

Open area

67 %

70 %

Available edges¹

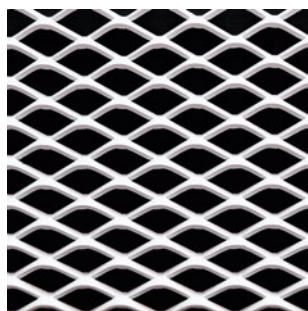
K 11

K 11

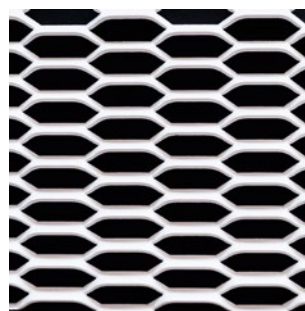
Colour

OWA white, RAL 9006

OWA white, RAL 9006



12 x 25 mm



10 x 25 mm

¹ Edges please see on page 6 | ² Perforations on page 4 and 5

The image shows a large, modern interior space, likely a lecture hall or auditorium. The ceiling is composed of a grid of white, perforated acoustic panels. Below the ceiling, rows of white, modern-style chairs are visible, arranged in a tiered fashion. The overall aesthetic is clean and minimalist.

S 45 lay-in system

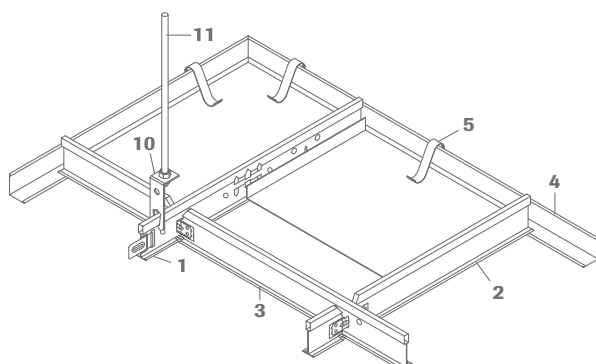
OWAtecta

- lay-in suspension system enabling full demountability
- available with great choice of perforations
- compatible with OWAcoustic mineral boards

System S 45

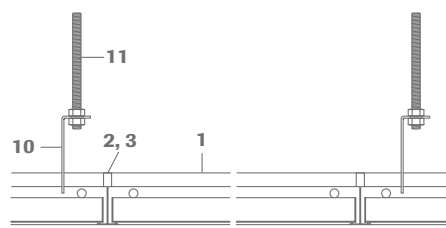
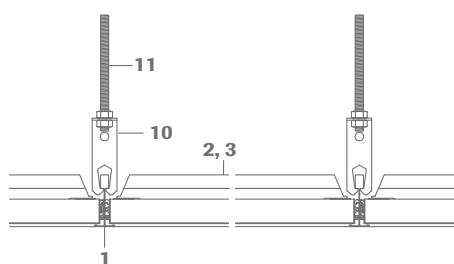


S 45 lay-in system for 15 mm T profile

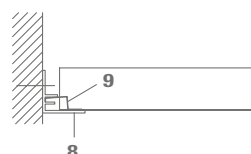
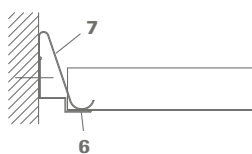
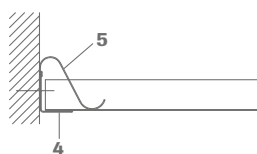


- 1** Main tee, cliq-15-MR/Deco-38C
- 2** Cross tee short, cliq-15-CT/Deco-28C
- 3** Cross tee long, cliq-15-CT/Deco-28C
- 4** Wall angle, no. 50G
- 5** Wall clip, no. 99009
- 6** Shadow wall angle, no. 50/15G
- 7** Wall clip, no. 99010
- 8** F wall angle (aluminium), no. 50F
- 9** Clip for F wall angle, no. 5220M
- 10** Hanger for threaded rod, no. 49/15M
- 11** Threaded rod Ø 6 mm (by client) , distance ≤ 1200 mm

Other approved hangers can also be used!



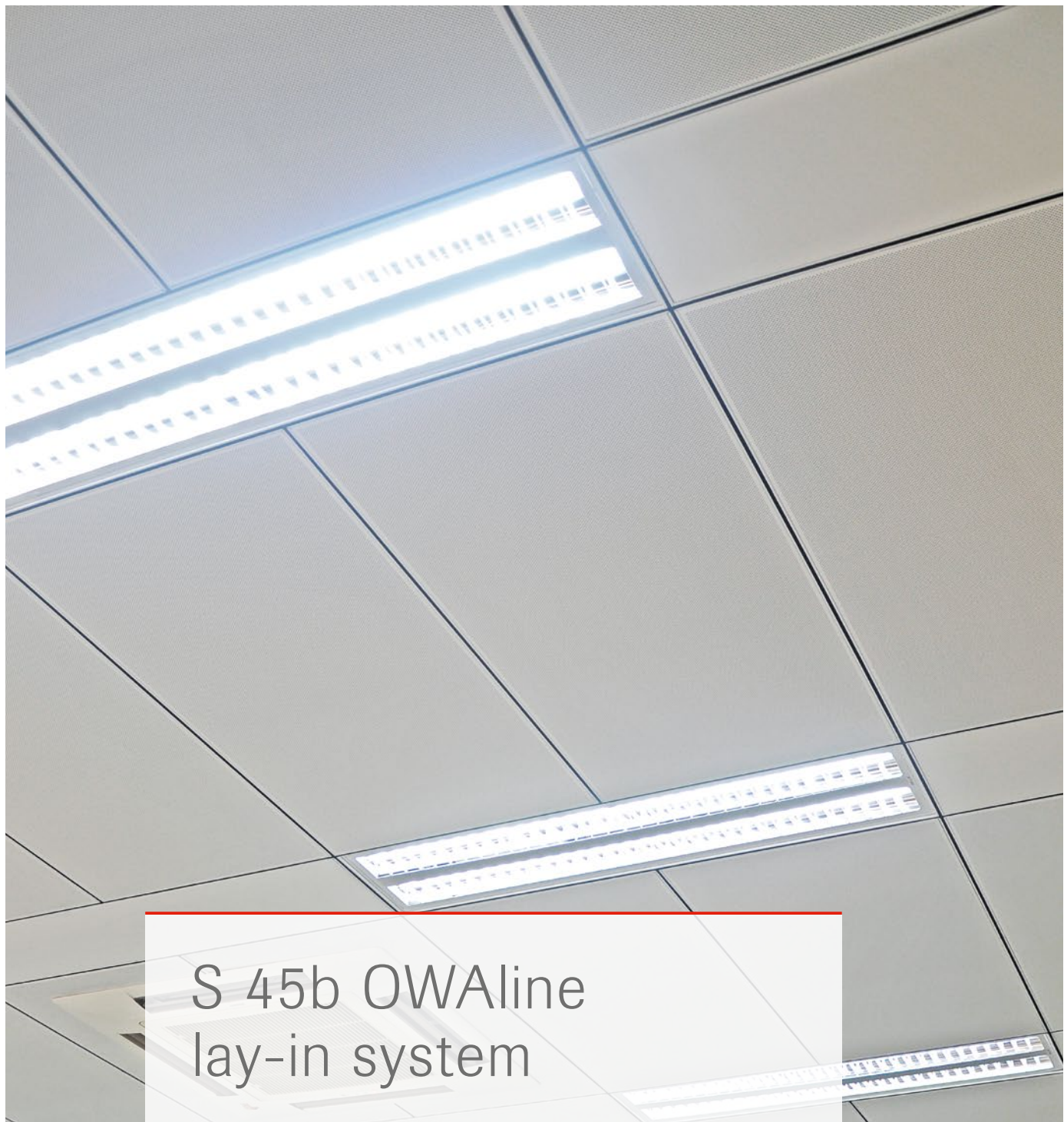
Wall perimeter:



Technical data

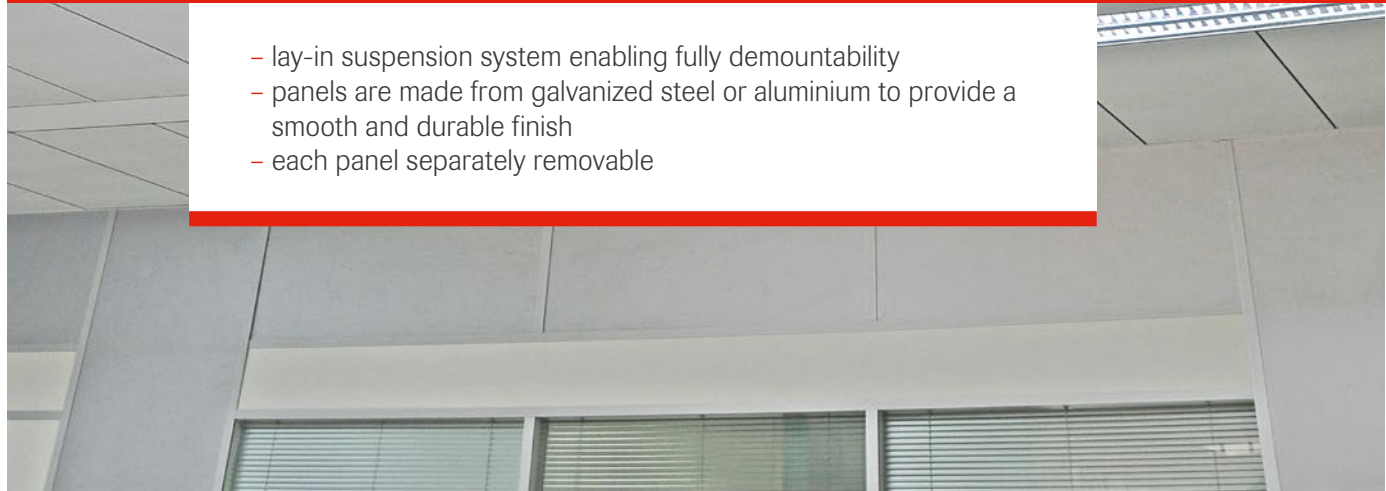
Material	Steel	Aluminium
Module size	600 x 600 mm, 2' x 2', 625 x 625 mm	600 x 600 mm, 2' x 2', 625 x 625 mm
Thickness	0.5 mm	0.8 mm
Perforations ²	L0, Rg2516, Rd1522, Rv3136, Rg0701	L0, Rg2516, Rd1820, Rg0901, Rg0701
Available edges ¹	K 03, K 16	K 03, K 16
Colour	OWA white, RAL 9006	OWA white, RAL 9006

¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 45b OWAline lay-in system

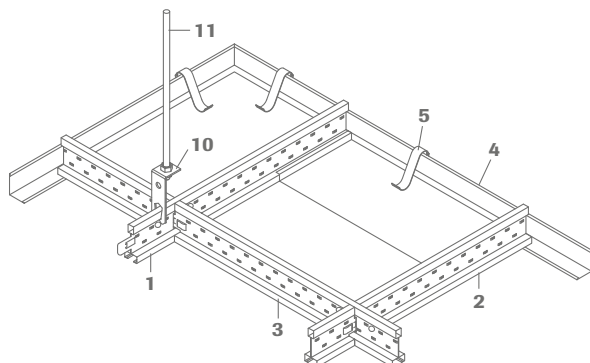
OWAtecta

- lay-in suspension system enabling fully demountability
 - panels are made from galvanized steel or aluminium to provide a smooth and durable finish
 - each panel separately removable
- 

System S 45b

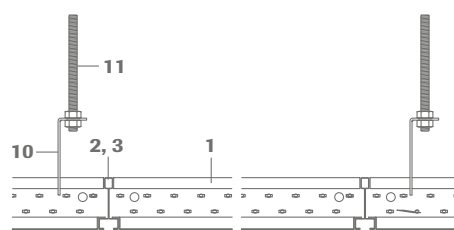
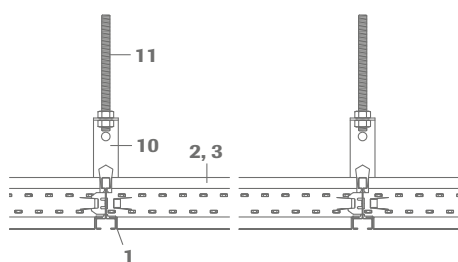


S 45b OWAline lay-in system

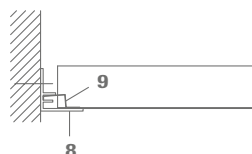
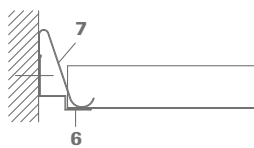
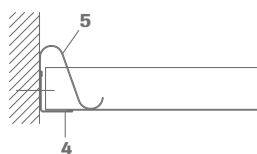


- 1 Main tee, no. 3500
- 2 Cross tee short, no. 3512
- 3 Cross tee long, no. 3514
- 4 Wall angle, no. 50G
- 5 Wall clip, no. 99009
- 6 Shadow wall angle, no. 50/15G
- 7 Wall clip, no. 99010
- 8 F wall angle (aluminium), no. 50F
- 9 Clip for F wall angle, no. 5220M
- 10 Hanger for threaded rod, no. 49/15M
- 11 Threaded rod Ø 6 mm (by client), distance ≤ 1200 mm

Other approved hangers can also be used!



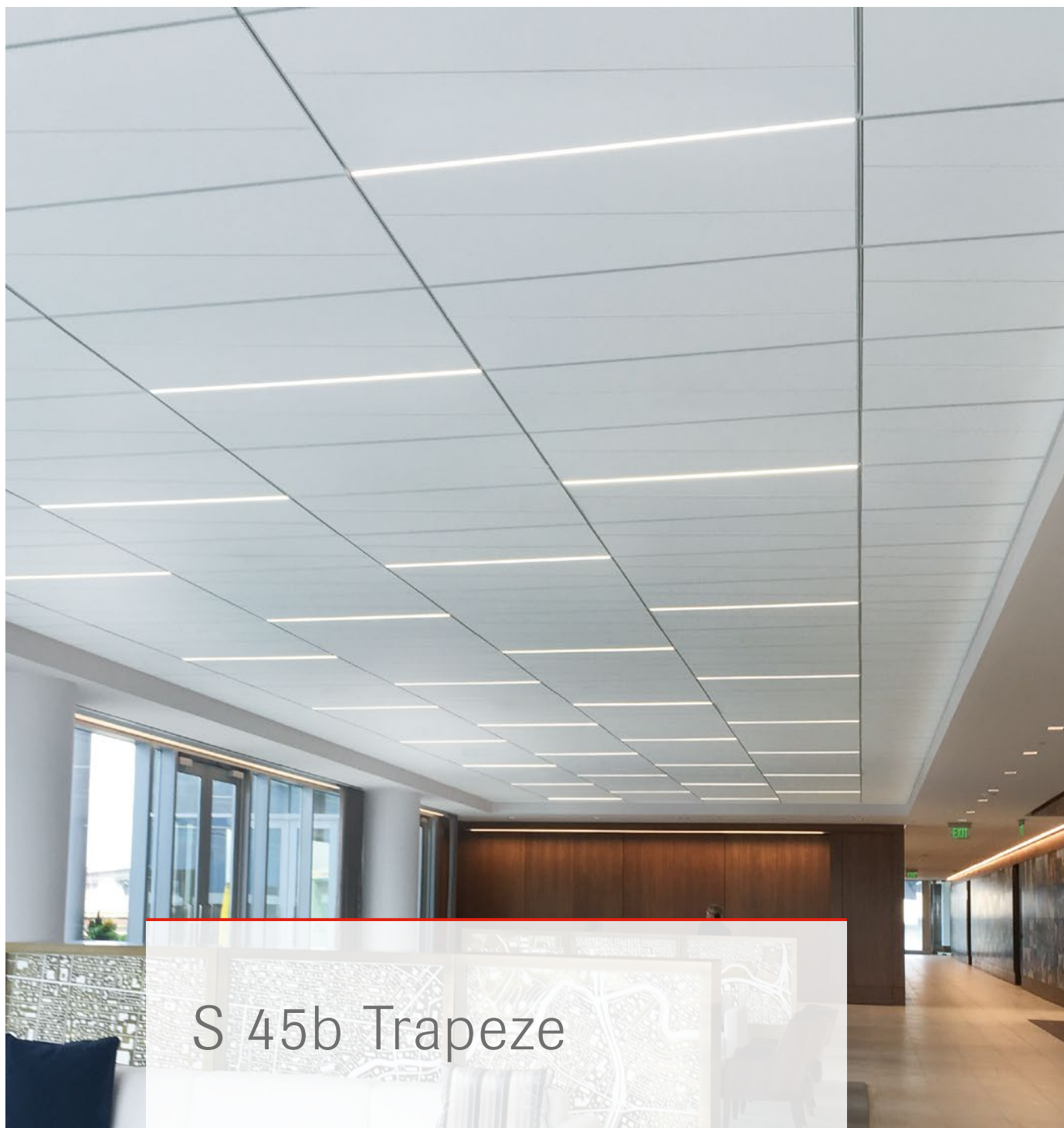
Wall perimeter:



Technical data

Material	Steel	Aluminium
Module size	600 x 600 mm, 2' x 2', 625 x 625 mm	600 x 600 mm, 2' x 2', 625 x 625 mm
Thickness	0.5 mm	0.8 mm
Perforations ²	L0, Rg2516, Rd1522, Rv3136, Rg0701	L0, Rg2516, Rd1820, Rg0901, Rg0701
Available edges ¹	K 16	K 16
Colour	OWA white	OWA white

¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 45b Trapeze

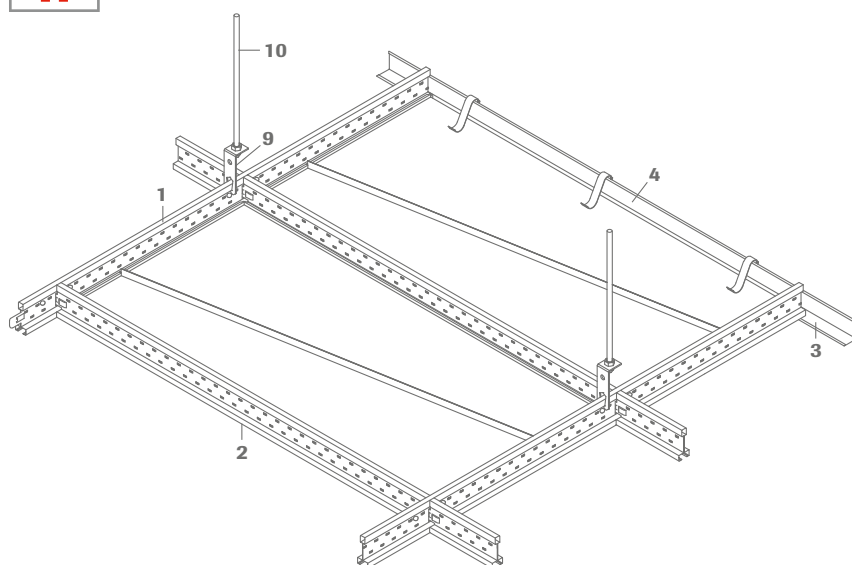
OWAtecta

- lay in suspension system with trapezoid metal panels
- special tiles with trapezoid shape
- suitable with OWAlight and Trapeze LED A

System S 45b Trapeze

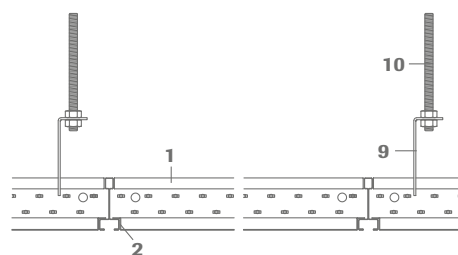
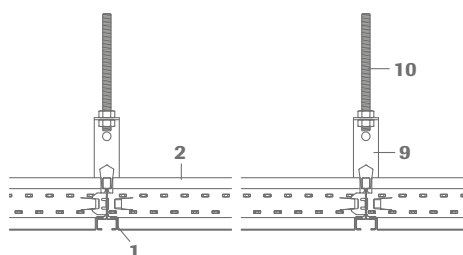


S 45b Trapeze

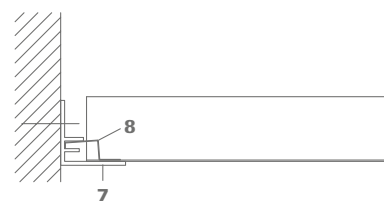
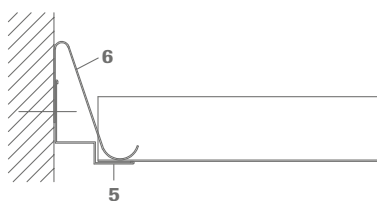
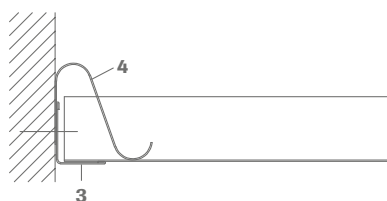


- 1 Main tee no. 3500
- 2 Cross tee long no. 3524
- 3 Wall angle no. 50G
- 4 Wall clip no. 99009
- 5 Shadow wall angle no. 50/15G
- 6 Wall clip no. 99010
- 7 F wall angle (aluminium) no. 50F
- 8 Clip for F wall angle, no. 5220M
- 9 Hanger for threaded rod, no. 49/15M
- 10 Threaded rod Ø 6 mm (by client), distance ≤ 1200 mm

Other approved hangers can also be used!



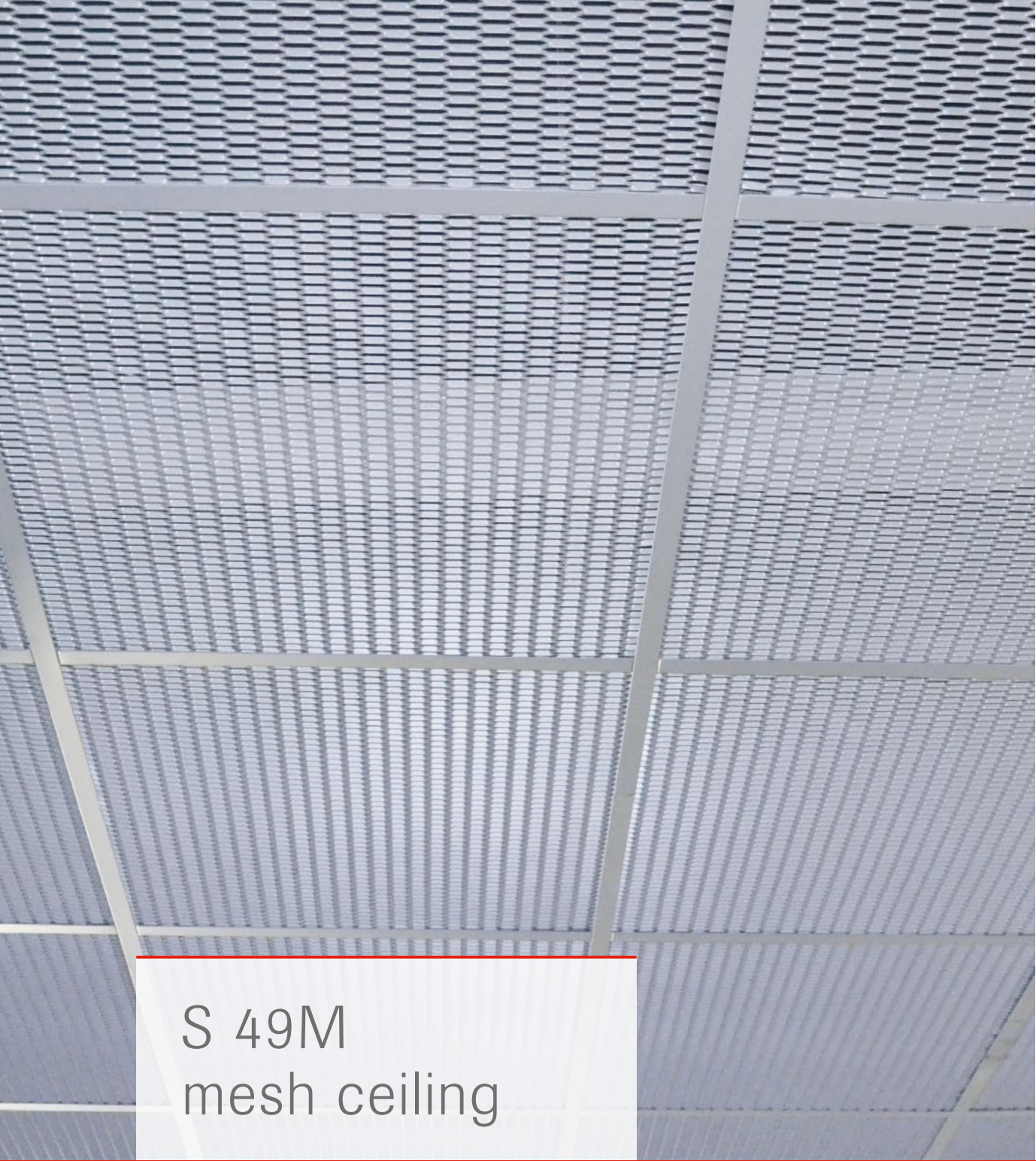
Wall perimeter:



Technical data

Material	Steel
Module size	1200 x 600 mm
Dimensions	1200 x 400/200 mm
Thickness	0.6 mm
Perforations²	L0 un-perforated, Rg0701
Available edges¹	K 16
Colour	OWA white

¹ Edges please see on page 6 | ² Perforations on page 4 and 5



S 49M mesh ceiling

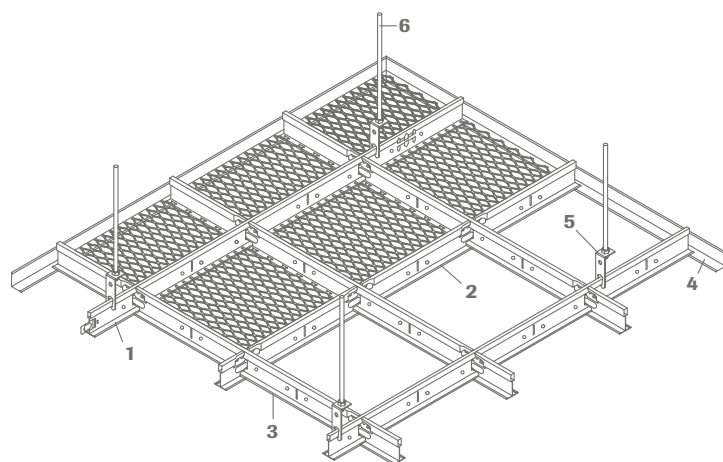
OWAtecta

- creates a distinct and unique look
- suitable for large public areas

System S 49M



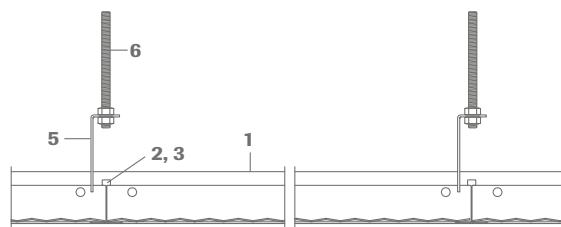
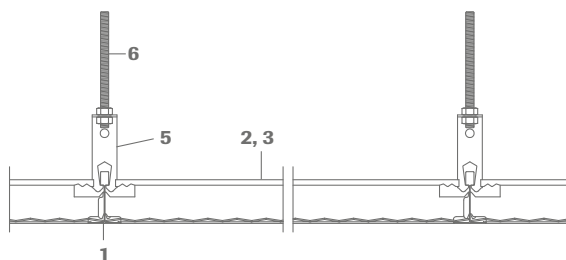
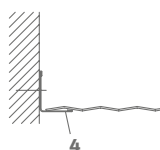
S 49M mesh ceiling for 24 mm T profile



- 1** Main tee, no. 45/cliq-24-MR/Deco-38A
- 2** Cross tee short, no. 46/cliq-24-CT/Deco-25A
- 3** Cross tee long, no. 47/cliq-24-CT/Deco-25A
- 4** Wall angle (steel), no. 50G
- 5** Hanger for threaded rod, no. 49/15M
- 6** Threaded rod Ø 6 mm (by client) , distance ≤ 1200 mm

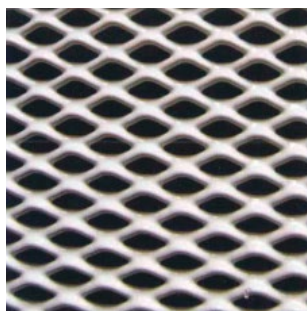
Other approved hangers can also be used!

Wall perimeter:

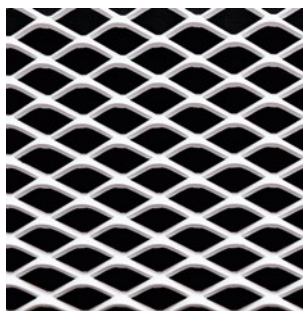


Technical data

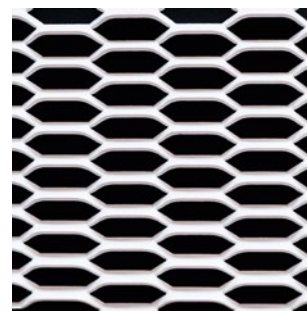
Material	Steel/aluminium	Aluminium	Aluminium
Module size	600 x 600 mm, 2' x 2', 625 x 625 mm, 600 x 1200 mm, 2' x 4', 625 x 1250 mm	600 x 600 mm, 2' x 2', 625 x 625 mm, 600 x 1200 mm, 2' x 4', 625 x 1250 mm	600 x 600 mm, 2' x 2', 625 x 625 mm, 600 x 1200 mm, 2' x 4', 625 x 1250 mm
Thickness	1.5 mm	1.5 mm	1.5 mm
Mesh size	8 x 15 mm	12 x 25 mm	10 x 25 mm
Mesh shape	Diamond	Diamond	Turtle back
Open area	54 %	67 %	70 %
Available edges ¹	Cut end	Cut end	Cut end
Colour	OWA white, RAL 9006	OWA white, RAL 9006	OWA white, RAL 9006



8 x 15 mm



12 x 25 mm



10 x 25 mm

¹ Edges please see on page 6 | ² Perforations on page 4 and 5



The information in this brochure is up-to-date at the time of publication. Errors and mistakes excepted. Please contact our competence team OWAconsult for specific advice. Our experts will be happy to answer your questions under the following contact details: tel: +49 93 73 . 2 01-4 44 or e-mail: info@owaconsult.de

Odenwald Faserplattenwerk GmbH

Dr.-F.-A.-Freundt-Straße 3 | 63916 Amorbach | Germany
tel +49 93 73 . 2 01-0 | info@owa.de
www.owa-ceilings.com