



Mineral tiles, metal ceilings and suspension grid

OWAlifetime collection | OWAtecta®

OWA



OWA mineral tiles

OWAcoustic® premium



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OWAcoustic® mineral tiles

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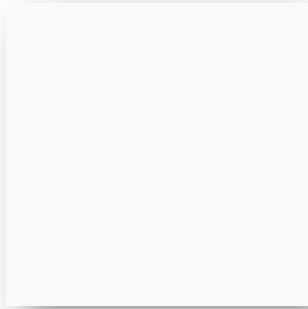
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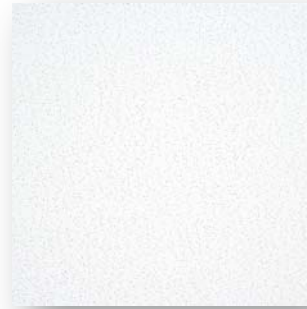
Overview



Brillianto



Brillianto A (5/8")



Cosmos/N



Finetta High NRC



Futura smart



Humancare



Multi Alpha



NEW Sandila/N (5/8")



NEW Sandila NRC



NEW Sandila/N smart



Octave c (3/4")



Octave (5/8")

Overview



Octave High NRC/CAC (3/4")



Octave dB (3/4")



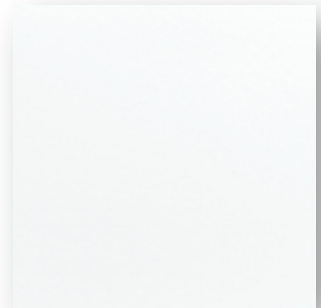
Octave 100H (3/4")



Octave black (5/8")



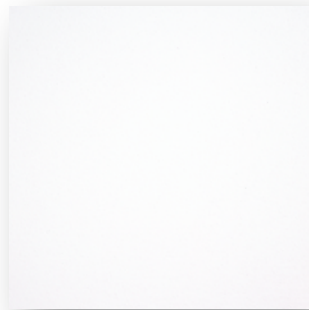
Octave (wood colors) (3/4")



OWAlux® white



Sanitas® 02 | Finetta



Sanitas® 02 | Plain



Ceiling systems selector

	Page	Size		Grid			Edge					Fleece covered
		24" x 24"	24" x 48"	15/16	09/16	Bolt slot	SQ	RE15/16	RE09/16	RE bolt slot	Teccor (15/16)	
Brillianto	9	■	■	■	■		■					■
Brillianto A (5/8")	11	■	■	■	■		■					■
Cosmos/N	13	■	■	■	■		■	■	■		■	
Finetta High NRC	15	■	■	■	■		■	■	■			
Futura smart	17	■	■	■	■		■					
Humancare	19	■	■	■	■	■	■	■	■	■		■
Multi Alpha	21	■	■	■	■		■					
NEW Sandila/N (5/8")	23	■	■	■	■		■	■	■			
NEW Sandila NRC	25	■	■	■	■		■	■	■			
NEW Sandila/N smart	27	■	■	■	■		■					
Octave c (3/4")	29	■		■							■	■
Octave (5/8")	31	■	■	■	■		■	■	■			■
Octave High NRC/CAC (3/4")	33	■	■	■	■		■					■
Octave dB (3/4")	35	■	■	■	■		■	■	■			■
Octave 100H (3/4")	37	■		■			■					■
Octave black (5/8")	39	■	■	■		■	■			■		■
Octave (wood colors) (3/4")	41	■	■	■							■	■
OWAlux® white	43	■		■			■					
Sanitas 02® Finetta	45	■	■	■			■					
Sanitas 02® Plain	47	■	■	■			■					

Performance											
NRC	CAC	Fire rating (ASTM E 84 and ASTM E 1264)	Light reflectance	Humidity resistance	Hygiene/clean room product	Mold resistance tested according to ASTM D3273	Washability tested according to ASTM D2486	Scubbability tested according to ASTM D4828	Low VOC/ low formaldehyde	Recycling	
0.70	30 dB	■	78	Up to 90 %		■	■	■	All OWA-products meet the California Specification 01350	■	Brillianto
0.90	30 dB	■	78	Up to 95 %		■	■	■		■	Brillianto A (5/8")
0.65	33 dB	■	84	Up to 95 %		■	■	■		■	Cosmos/N
0.70	33 dB	■	88	Up to 95 %		■	■	■		■	Finetta High NRC
0.60	31 dB	■	85	Up to 90 %		■	■	■		■	Futura smart
0.85	30 dB	■	87	Up to 95 %	■	■	■	■		■	Humancare
0.90	32 dB	■	88	Up to 95 %		■	■	■		■	Multi Alpha
0.65	33 dB	■	87	Up to 95 %		■	■	■		■	NEW Sandila/N (5/8")
0.75	33 dB	■	87	Up to 95 %		■	■	■		■	NEW Sandila NRC
0.60	31 dB	■	87	Up to 90 %		■	■	■		■	NEW Sandila/N smart
0.70	25 dB	■	87	Up to 95 %		■	■	■		■	Octave c (3/4")
0.85	30 dB	■	87	Up to 95 %		■	■	■		■	Octave (5/8")
0.80	35 dB	■	87	Up to 95 %		■	■	■		■	Octave High NRC/CAC (3/4")
0.60	43 dB	■	87	Up to 95 %		■	■	■		■	Octave dB (3/4")
0.95	30 dB	■	78	up to 100 %		■	■	■		■	Octave 100H (3/4")
0.80	30 dB		-	Up to 95 %		■				■	Octave black (5/8")
0.70	25 dB		-	Up to 95 %		■				■	Octave (wood colors) (3/4")
0.15	37 dB	■	-	Up to 95 %	■	■	■ ¹	■ ¹	■	OWAlux® white	
0.70	33 dB	■	88	Up to 95 %	■	■	■ ¹	■ ¹	■	Sanitas 02® Finetta	
0.15	37 dB	■	91	Up to 95 %	■	■	■ ¹	■ ¹	■	Sanitas 02® Plain	

¹ Higher performance based on special treatment





Brillianto







Brillianto

ASTM E 1264 Classification	Type IV, form 2, pattern G
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 78 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	1/2" nom.
Sound absorption	 NRC = 0.70
Sound reduction*	CAC = 30 dB
Humidity resistance	 up to 90 % RH

* Dependent on system, soffit and other project specific factors



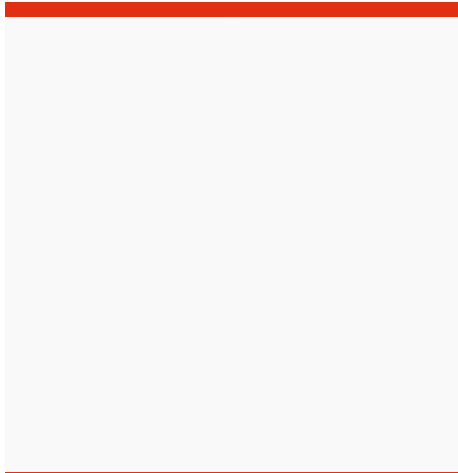
Possible dimensions and edges

Module size in inches	SQ
24" x 24"	
24" x 48"	





Brillianto A (5/8")







Brillianto A (5/8")

ASTM E 1264 Classification	Type IV, form 2, pattern G
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 78 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.90
Sound reduction*	CAC = 30 dB
Humidity resistance	 up to 95 % RH

* Dependent on system, soffit and other project specific factors



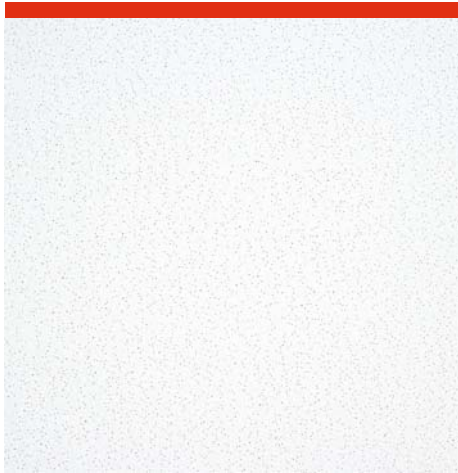
Possible dimensions and edges

Module size in inches	SQ
24" x 24"	
24" x 48"	



Cosmos/N





Cosmos/N

ASTM E 1264 Classification

Type III, form 2, pattern C F

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Light reflection

Approx. 84 (ISO 7724-2, ISO 7724-3)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.65

Sound reduction*

CAC = 33 dB







Humidity resistance

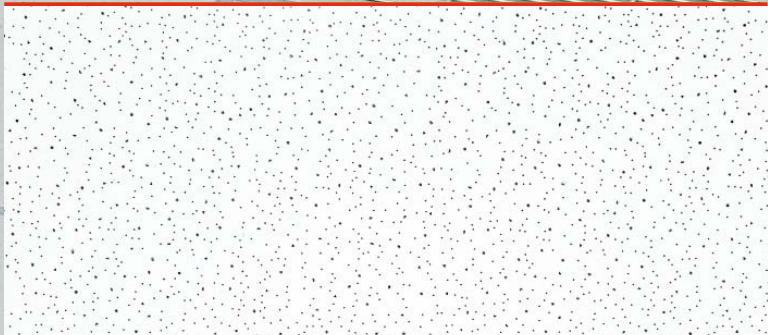
 up to 95 % RH

* Dependent on system, soffit and other project specific factors

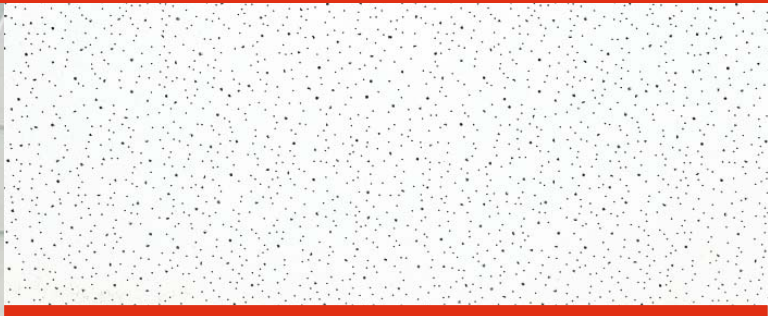


Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			



Finetta High NRC





Finetta High NRC

ASTM E 1264 Classification

Type III, form 2, pattern C E

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Light reflection

Approx. 88 (ISO 7724-2, ISO 7724-3)

Thickness (inches)

5/8" nom.


Sound absorption

 NRC = 0.70

Sound reduction*

CAC = 33 dB







Humidity resistance

 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			



Futura smart





Futura smart

ASTM E 1264 Classification

Type III, form 2, pattern C D

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Light reflection

Approx. 85 (ISO 7724-2, ISO 7724-3)

Thickness (inches)

14 mm nom.

Sound absorption

 NRC = 0.60

Sound reduction*

CAC = 31 dB



Humidity resistance

 up to 90 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ
24" x 24"	
24" x 48"	





Humancare





Humancare

ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 87 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.85
Sound reduction*	CAC = 30 dB
Humidity resistance	 up to 95 % RH
Clean room class	ISO 4 (ISO 14644-1:1999)

* Dependent on system, soffit and other project specific factors



Hygienic features









- compliance with testing standards **NF S 90-351** as per the stringent classification criteria of the current revision 2013-04
 - clean room class ISO 4 (ISO 14644-1) (comparable to class 10 US Fed. Standard 209E)
 - decontamination class CP_(0.5) 5
 - bacteriological purity class M1 or M10
- suitable for the highest risk level 4
- compliance with the internationally recognized **JIS Z 2801** standard
- also resists the growth of the multi-resistant hospital bug **MRSA** and the murine **norovirus**

Disinfectability

Humancare resists the growth of bacteria and fungi without any additional measures. If, however, further disinfectability is required you can use a spray disinfection* for the tiles. The test report is available.

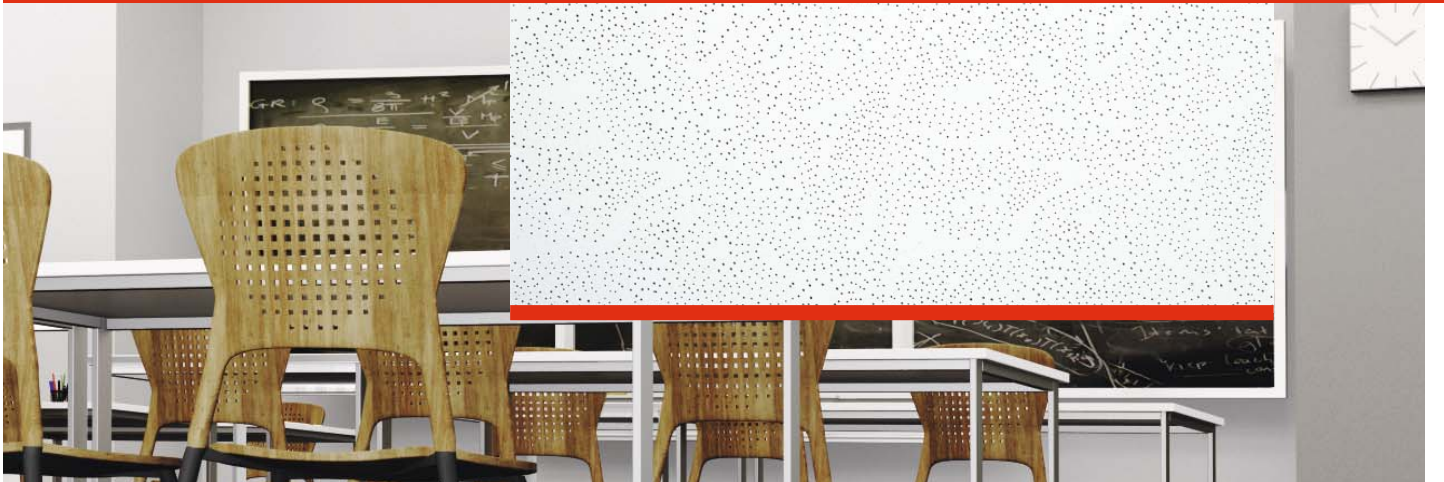
* As example two sprays (commercial manual spraying equipment) of 10 % ACTICIDE®-BAC-50-M-solution or Meliseptol® (44 % ethanol-solution).

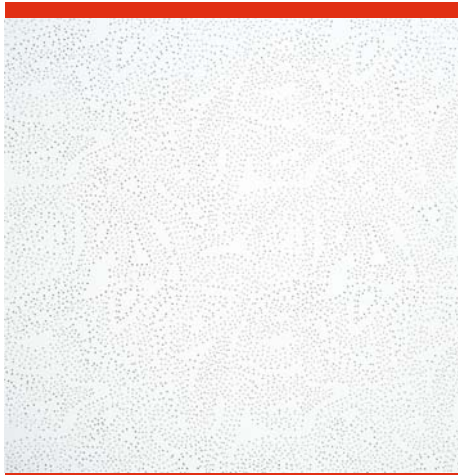
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16	RE bolt-slot
24" x 24"				
24" x 48"				



Multi Alpha





Multi Alpha

ASTM E 1264 Classification

Type III, form 2, pattern C E

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Light reflection

Approx. 88 (ISO 7724-2, ISO 7724-3)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.90

Sound reduction*

CAC = 32 dB



Humidity resistance

 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ
24" x 24"	
24" x 48"	



NEW Sandila/N (5/8")



NEW Sandila/N (5/8")

ASTM E 1264 Classification

Type III, form 2, pattern C E

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Light reflection

Approx. 87 (ISO 7724-2, ISO 7724-3)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.65

Sound reduction*

CAC = 33 dB







Humidity resistance

 up to 95 % RH

* Dependent on system, soffit and other project specific factors

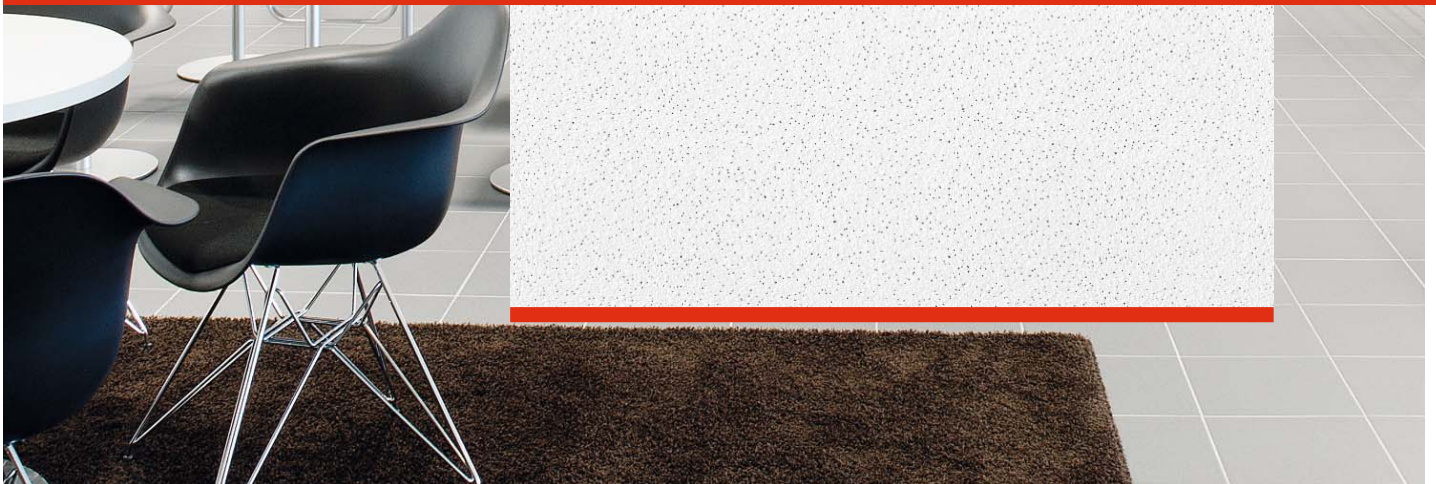


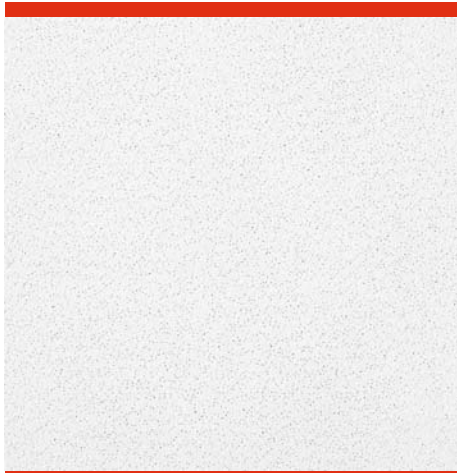
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			



NEW Sandila NRC





NEW Sandila NRC

ASTM E 1264 Classification

Type III, form 2, pattern C E

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Light reflection

Approx. 87 (ISO 7724-2, ISO 7724-3)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.75

Sound reduction*

CAC = 33 dB







Humidity resistance

 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			



NEW Sandila/N smart





NEW Sandila/N smart

ASTM E 1264 Classification

Type III, form 2, pattern C E

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Light reflection

Approx. 87 (ISO 7724-2, ISO 7724-3)

Thickness (inches)

14 mm nom.

Sound absorption

 NRC = 0.60

Sound reduction*

CAC = 31 dB



Humidity resistance

 up to 90 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ
24" x 24"	
24" x 48"	



Octave c (3/4")





Octave c (3/4")

ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Light reflection

Approx. 87 (ISO 7724-2, ISO 7724-3)

Thickness (inches)

3/4" nom.

Sound absorption

 NRC = 0.70

Sound reduction*

CAC = 25 dB


Humidity resistance

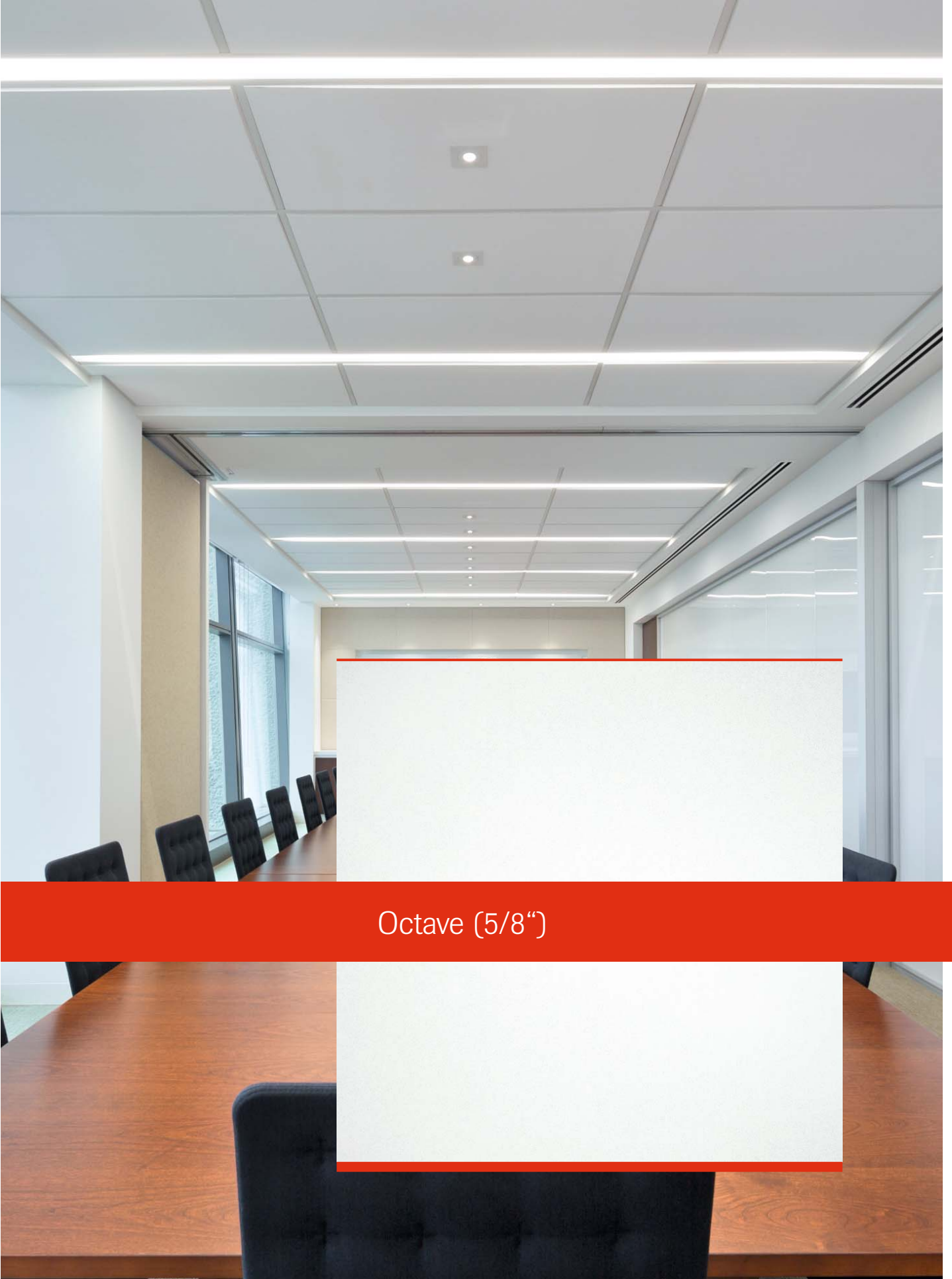
 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges



Module size in inches	Teccor
24" x 24"	



Octave (5/8")









Octave (5/8")

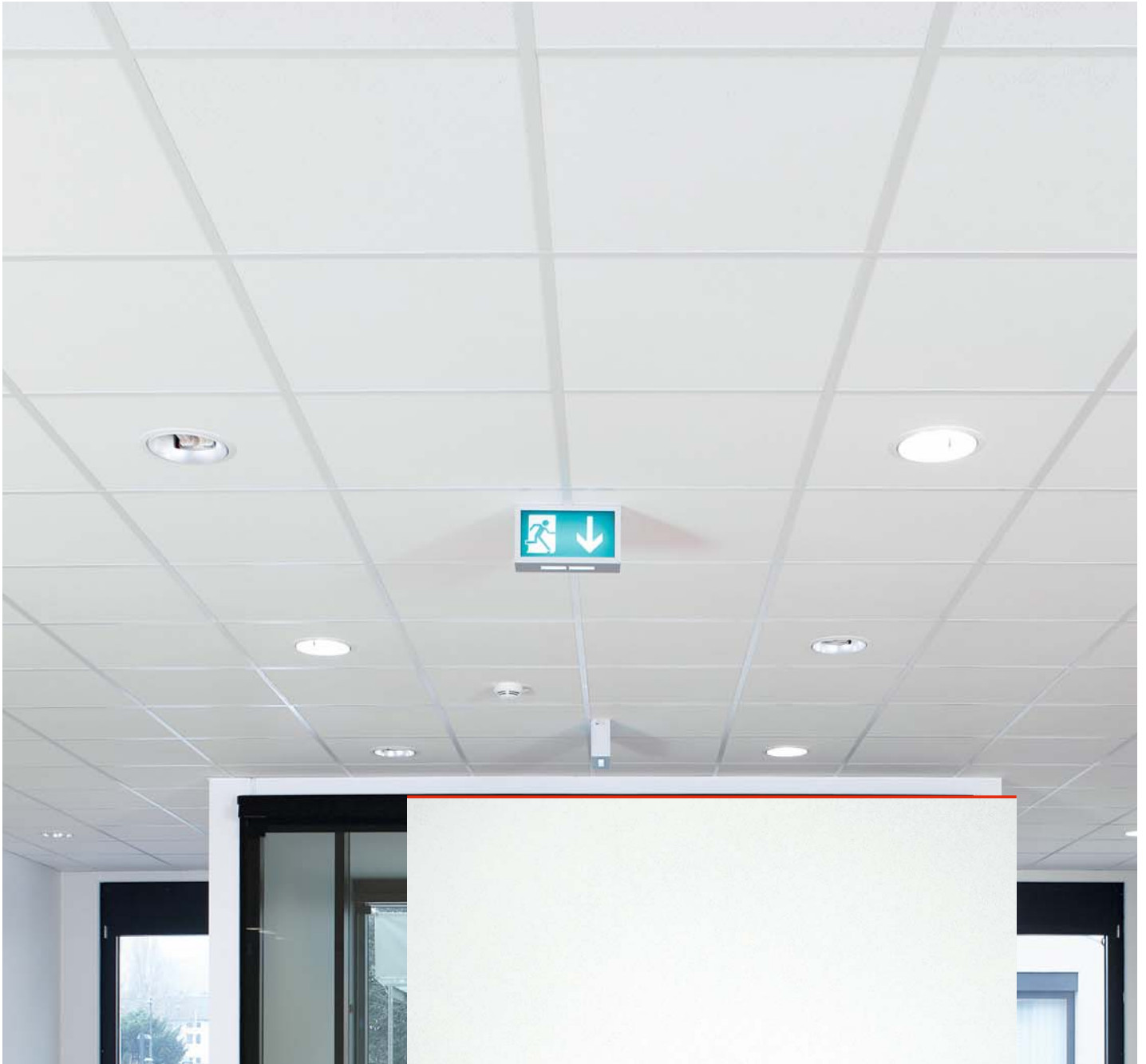
ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 87 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.85
Sound reduction*	CAC = 30 dB
Humidity resistance	 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			





Octave High NRC/CAC (3/4")







Octave High NRC/CAC (3/4")

ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 87 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	3/4" nom.
Sound absorption	 NRC = 0.80
Sound reduction*	CAC = 35 dB
Humidity resistance	 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ
24" x 24"	
24" x 48"	





Octave dB (3/4")











Octave dB (3/4")

ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 87 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	3/4" nom.
Sound absorption	 NRC = 0.60
Sound reduction*	CAC = 43 dB
Humidity resistance	 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			





Octave 100H (3/4")





Octave 100H (3/4")

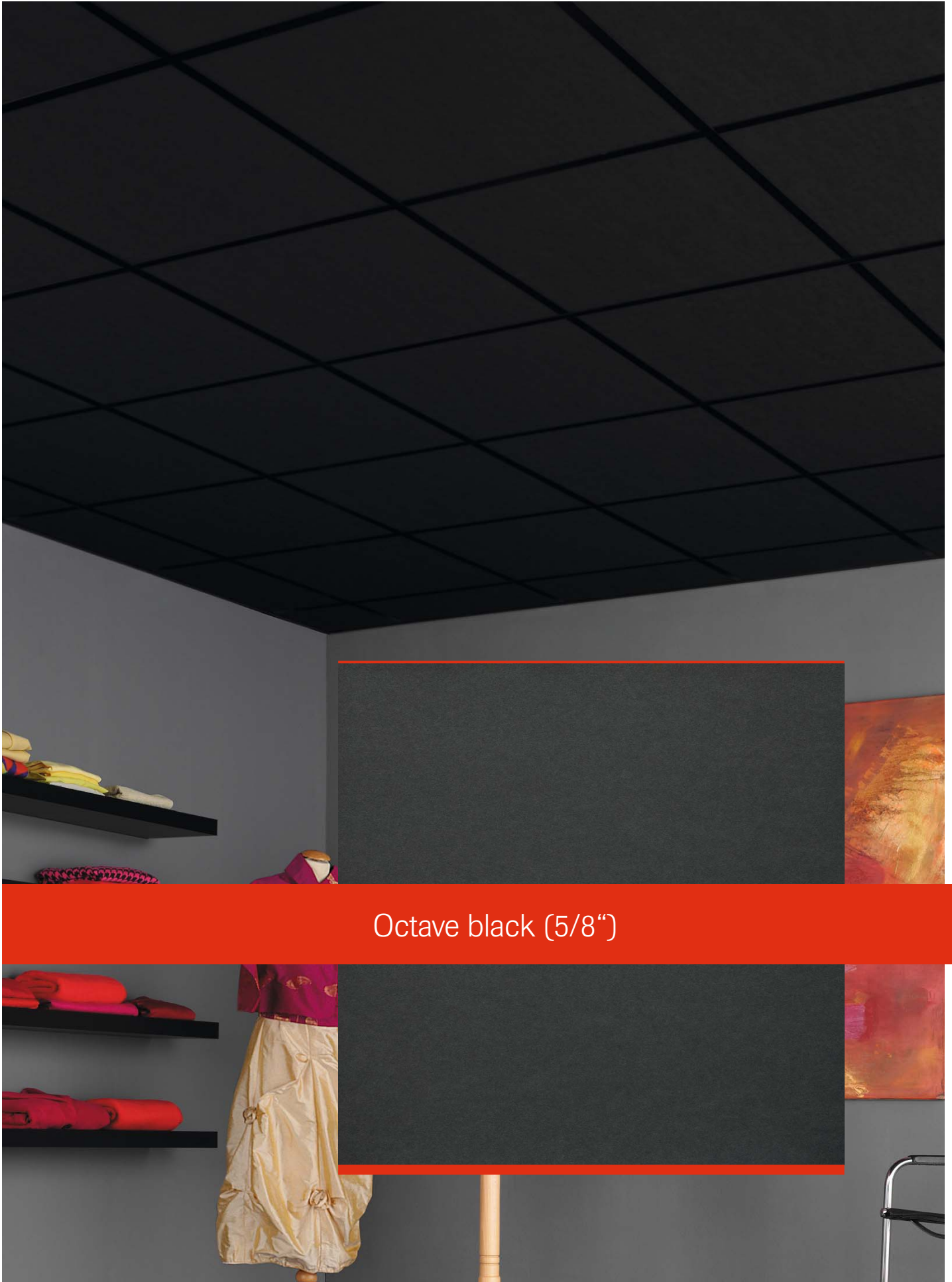
ASTM E 1264 Classification	Type IV, form 2, pattern G
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 78 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	3/4" nom.
Sound absorption	 NRC = 0.95
Sound reduction*	CAC = 30 dB
Humidity resistance	 up to 100 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges



Module size in inches	SQ
24" x 24"	



Octave black (5/8")







Octave black (5/8")

ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.80
Sound reduction*	CAC = 30 dB
Humidity resistance	 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

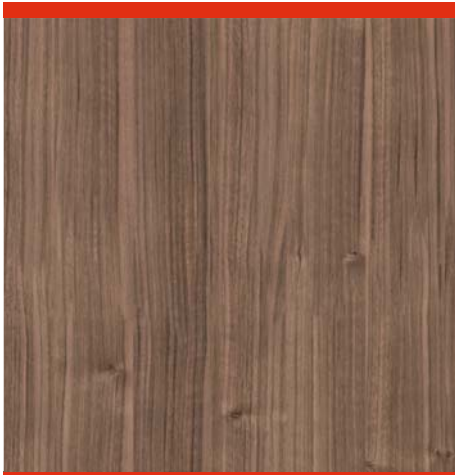
Module size in inches	SQ	RE bolt-slot
24" x 24"		
24" x 48"		





Octave (wood colors) (3/4")



Octave (wood colors) (3/4")



Surface example Octave Walnut (3/4")

ASTM E 1264 Classification	Type IV, form 2, pattern E H
Reaction to fire	CAN/ULC-S102
Thickness (inches)	3/4" nom.
Sound absorption	 NRC = 0.70
Sound reduction*	CAC = 25 dB
Humidity resistance	 up to 95 % RH

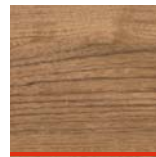
* Dependent on system, soffit and other project specific factors



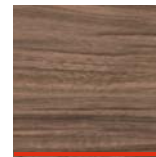
Cherry



Maple





Teak



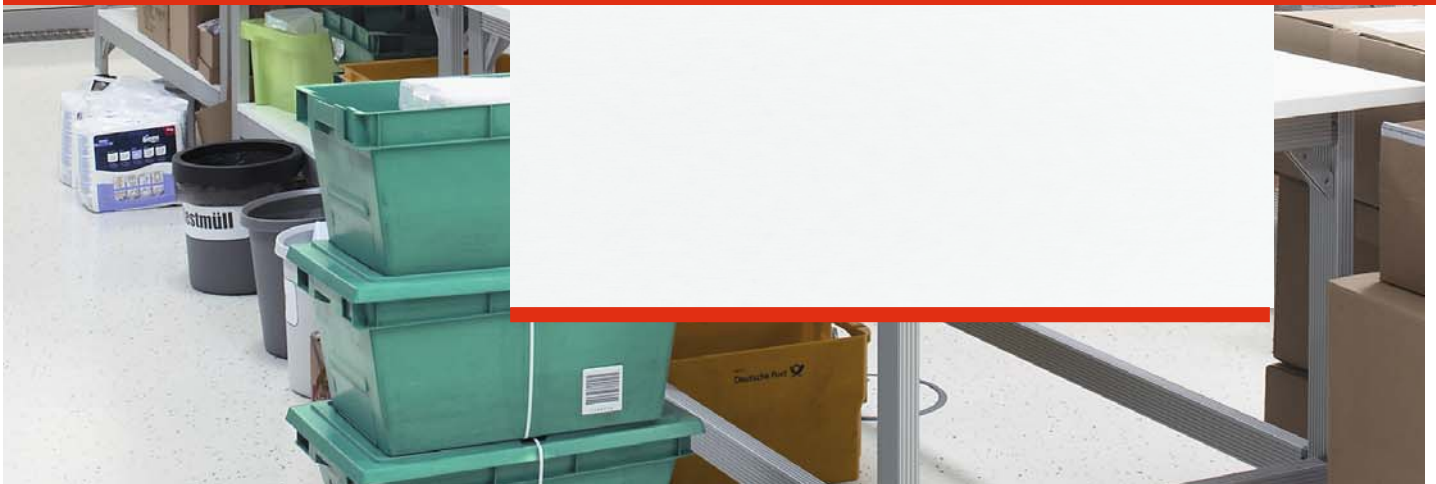
Walnut

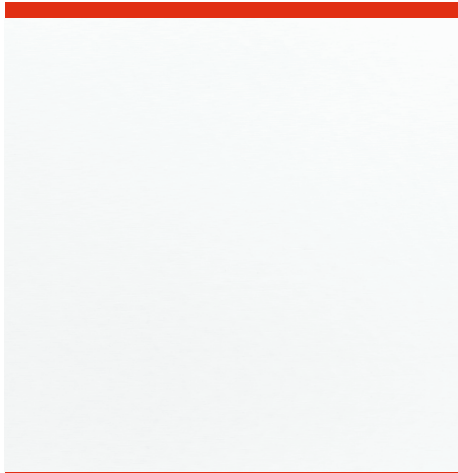
Possible dimensions and edges

Module size in inches	Teccor
24" x 24"	
24" x 48"	



OWAlux® white





OWAlux white

ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
Class 1 (ASTM E84) | Class A (ASTM E 1264)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.15

Sound reduction*

CAC = 37 dB

Humidity resistance

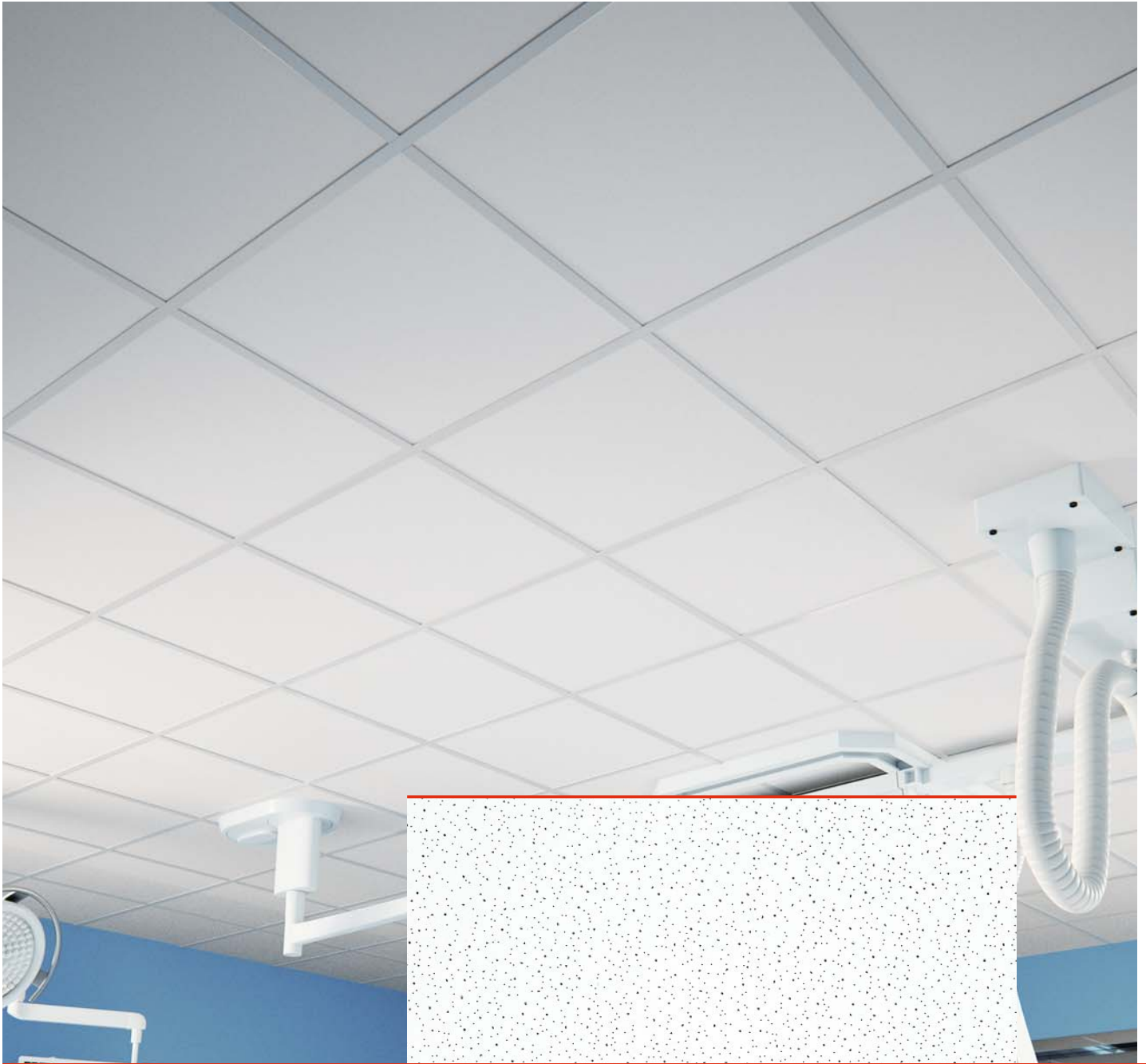
 up to 95 % RH

* Dependent on system, soffit and other project specific factors



Possible dimensions and edges

Module size in inches	SQ
24" x 24"	





Sanitas® 02 | Finetta





Sanitas 02 | Finetta

ASTM E 1264 Classification	Type III, form 2, pattern C E
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 88 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.70
Sound reduction*	CAC = 33 dB
Humidity resistance	 up to 95 % RH
Clean room class	ISO 5 (ISO 14644-1:1999)



* Dependent on system, soffit and other project specific factors



Hygienic features

- protects against influences from the ceiling void
- the surface can be dusted, vacuumed or cleaned with an OWA cloth without any reduction in effectiveness
- Can be disinfected using all common alcohol and aldehyde-based disinfectants. Certificates from the Institute for Medical Microbiology and Hospital Hygiene in Marburg in accordance with specifications of the DGHM are available
- certificate regarding abrasion and wet abrasion resistance according to ASTM D2486 is available (certificate no. 815_1640A)
- certificate regarding cleaning according to ASTM D8428 is available (certificate no. 815_160A)
- **behaviour in the event of microbiological contamination:**
Bactericidal and fungicidal properties of the outer and inner surfaces confirmed. Certificate regarding expert opinion from Dr. Weßling Laboratorien GmbH is available

Possible dimensions and edges

Module size in inches	SQ
24" x 24"	
24" x 48"	





Sanitas® 02 | Plain





Sanitas 02 | Plain

ASTM E 1264 Classification	Type III, form 2, pattern E G
Reaction to fire	CAN/ULC-S102 Class 1 (ASTM E84) Class A (ASTM E 1264)
Light reflection	Approx. 91 (ISO 7724-2, ISO 7724-3)
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.15
Sound reduction*	CAC = 37 dB
Humidity resistance	 up to 95 % RH
Clean room class	ISO 4 (ISO 14644-1:1999)



* Dependent on system, soffit and other project specific factors



Hygienic features

- compliance with testing standards **NF S 90-351** as per the stringent classification criteria of the current revision 2013-04
 - clean room class ISO 4 (ISO 14644-1) (comparable to class 10 US Fed. Standard 209E)
 - decontamination class CP_(0.5) 2
 - bacteriological purity class M1 or M10
 - suitable for the highest risk level 4
- compliance with the internationally recognized **JIS Z 2801** standard
- also resists the growth of the multi-resistant hospital bug **MRSA** and the murine **norovirus**
- protects against influences from the ceiling void
- the surface can be dusted, vacuumed or cleaned with an OWA cloth without any reduction in effectiveness
- Can be disinfected using all common alcohol and aldehyde-based disinfectants. Certificates from the Institute for Medical Microbiology and Hospital Hygiene in Marburg in accordance with specifications of the DGHM are available
- certificate regarding abrasion and wet abrasion resistance according to ASTM D2486 is available (certificate no. 815_1640A)
- certificate regarding cleaning according to ASTM D8428 is available (certificate no. 815_160A)
- **behaviour in the event of microbiological contamination:**
Bactericidal and fungicidal properties of the outer and inner surfaces confirmed. Certificate regarding expert opinion from Dr. Weßling Laboratorien GmbH is available

Possible dimensions and edges

Module size in inches	SQ
24" x 24"	
24" x 48"	



A close-up photograph of a hand holding a long, silver-colored metal beam. The beam has several circular holes and a small rectangular slot. The letters 'OWA' are embossed on the side of the beam. The background is a blurred, light-colored wall.

Suspension grid

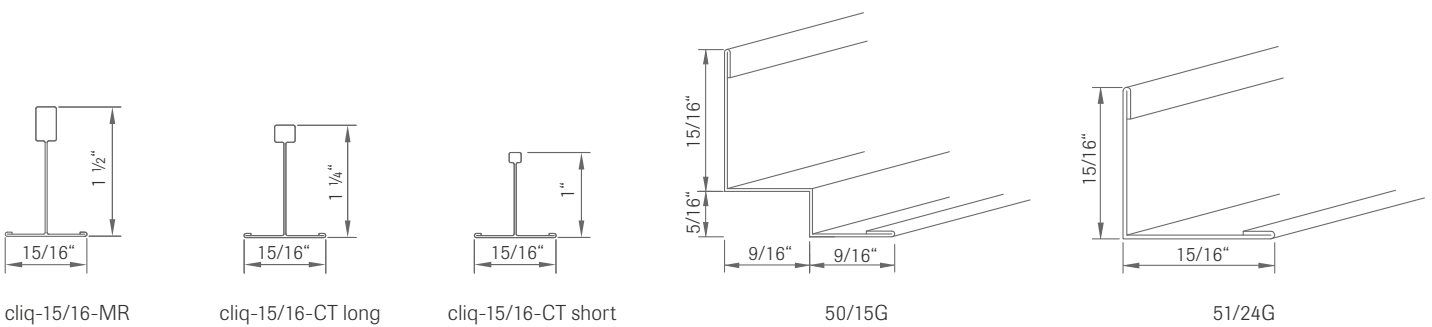
OWAconstruct®

OWAcliq 15/16 | exposed, demountable

OWAcliq systems are designed and manufactured to provide installers and building owners with strong, tight, long – lasting acoustical ceiling suspension.

OWAcliq 15/16

These economical 15/16" systems interface perfectly with standard building components such as lighting and air diffusers. The cliq cross tees feature override ends and staked-on clip connections meeting the E-580 compression and tension tests.



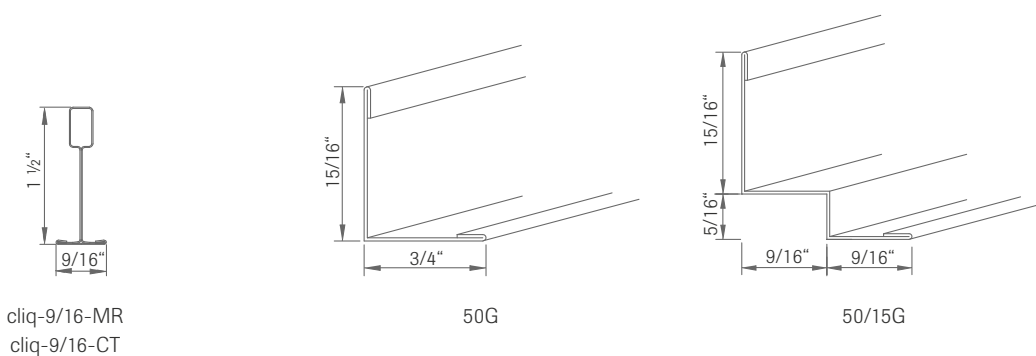
OWAcliq 15/16

	Description/rating per ASTM C-635	Pcs/ ctn	LF/ ctn	Weight/ ctn	Ctns/ pallet
cliq-15/16-MR	12' main runner, (Cliq system), 15/16", white	20	240	63	48
cliq-15/16-CT	4' cross tee, 15/16", cliq end, white	60	240	55	48
cliq-15/16-CT	2' cross tee, 15/16", cliq end, white	60	120	28	48
51/24G	12' wall angle, 15/16" x 15/16", white	40	240	31	96
50/15G	12' shadow mold, 15/16" x 9/16" x 5/16" x 9/16", white	35	420	54	To order

OWAcliq 9/16 | exposed, demountable

OWAcliq 9/16

The narrow 9/16" face of this grid diminishes the effect of the grid module while still providing a landing plane for lighting and air diffusers. Cliq end cross tees provide override ends with staked-on clip connections. Hook end cross tees feature butt ends which are ideal for installing concealed systems or metal panels requiring a flat landing plane.



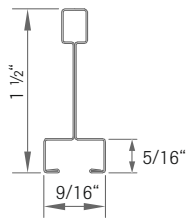
OWAcliq 9/16

	Description/rating per ASTM C-635	Pcs/ ctn	LF/ ctn	Weight/ ctn	Ctns/ pallet
cliq-9/16-MR	12' main runner, (Cliq system), 9/16", white	20	240	31	48
cliq-9/16-CT	4' cross tee, 9/16", cliq end, white	60	240	31	48
cliq-9/16-CT	2' cross tee, 9/16", cliq end, white	60	120	22	48
50G	12' wall angle 3/4" x 15/16", white	40	480	62	96
50/15G	12' shadow mold, 15/16" x 9/16" x 5/16" x 9/16", white	35	420	54	To order

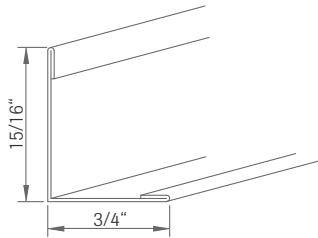
OWAline 9/16 | exposed, demountable

OWAline 9/16

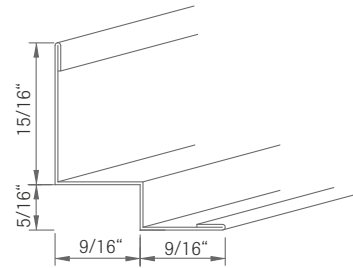
The OWAline 9/16" grid offers designers a more monolithic appearance as the grid and panel faces are in the same plane. The 1/4" slot is useful for partition attachment as well as signage placement. The recess can be white or black to accentuate the module lines. The cross tees have integral end details and mitered ends for a tailored appearance.



3500, 3512, 3514, 3524



50G



50/15G

OWAline 9/16

	Description/rating per ASTM C-635	Pcs/ ctn	LF/ ctn	Weight/ ctn	Ctns/ pallet
3500	12' main runner, 9/16", slotted, white / white	20	240	46	63
3514	4' cross tee, 9/16", slotted, white / white, notched two sides	60	240	46	90
3524	4' cross tee, 9/16", slotted, white / white, no notches	60	240	46	90
3512	2' cross tee, 9/16", slotted, white / white	60	120	23	63
50G	12' wall angle 3/4" x 15/16", white	40	480	62	96
50/15G	12' shadow mold, 15/16"x9/16"x5/16"x9/16", white	35	420	54	To order
3500	12' main runner, 9/16", slotted, ID, white / black recess	20	240	46	63
3514	4' cross tee, 9/16", slotted, white / black recess, notched two sides	60	240	46	90
3512	2' cross tee, 9/16", slotted, white / black recess	60	120	46	90

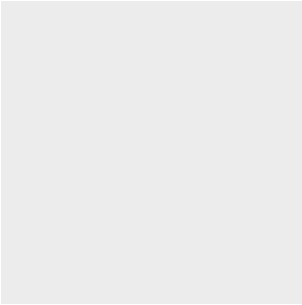




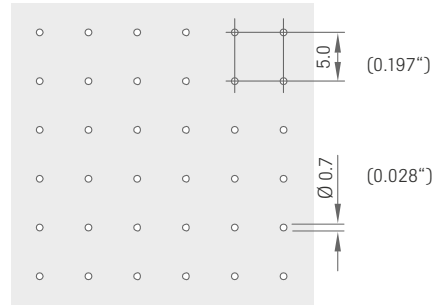
OWA metal ceilings

OWAtecta®

OWAtecta® perforations – steel



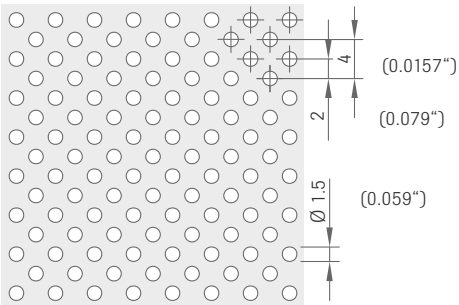
L0 un-perforated



Rg0701

$\varnothing = 0.7 \text{ mm (0.028")}$

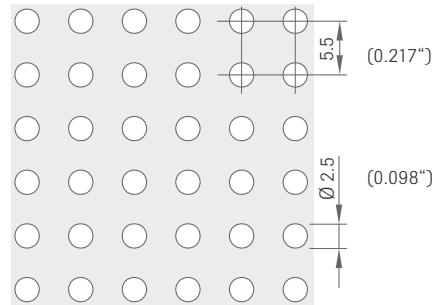
1 % open area



Rd1522

$\varnothing = 1.5 \text{ mm (0.059")}$

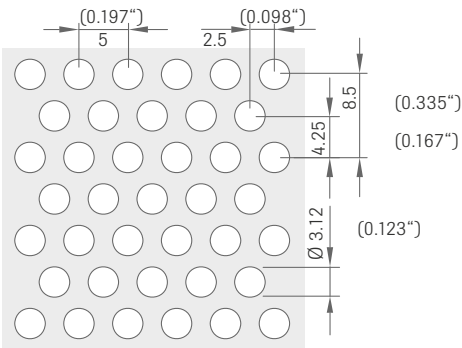
22 % open area



Rg2516

$\varnothing = 2.5 \text{ mm (0.098")}$

16 % open area

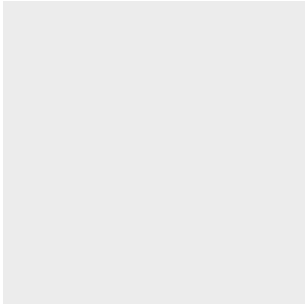


Rv3136

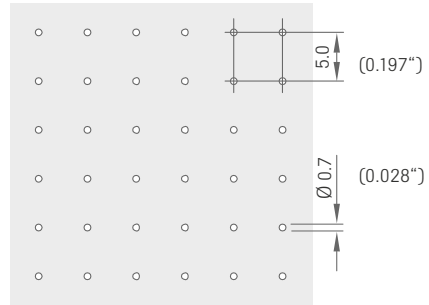
$\varnothing = 3.12 \text{ mm (0.123")}$

36 % open area

OWAtecta® perforations – aluminium



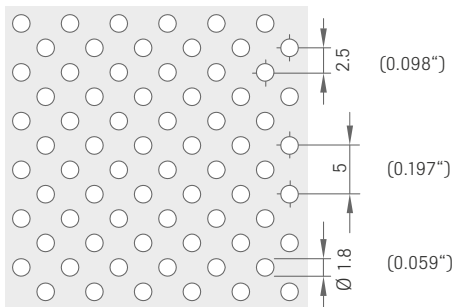
L0 un-perforated



Rg0701

$\varnothing = 0.7 \text{ mm (0.028")}$

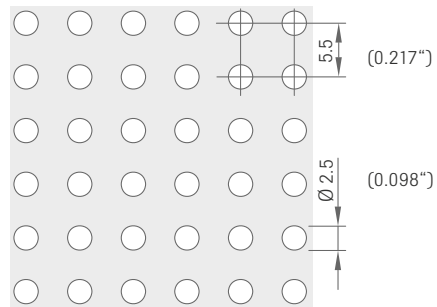
1 % open area



Rd1820

$\varnothing = 1.8 \text{ mm (0.071")}$

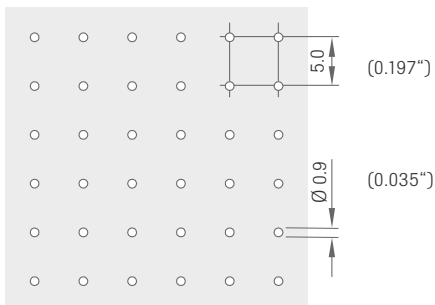
20 % open area



Rg2516

$\varnothing = 2.5 \text{ mm (0.098")}$

16 % open area



Rg0901

$\varnothing = 0.9 \text{ mm (0.035")}$

1 % open area

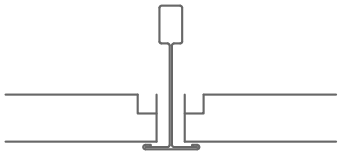
Edges



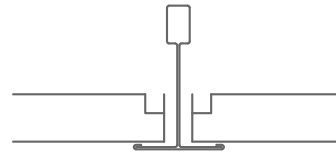
K 01



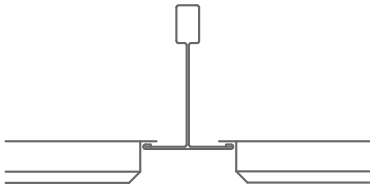
K 02



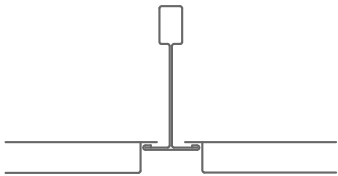
SQ (K 03)
9/16" grid



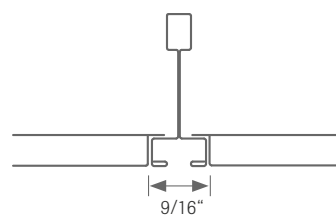
SQ (K 03)
15/16" grid



RE 15/16 (K 07)
15/16" grid



RE bolt-slot (K 16)
9/16" grid



RE bolt-slot (K 16)
9/16" grid



K 10



K 11



K 11s

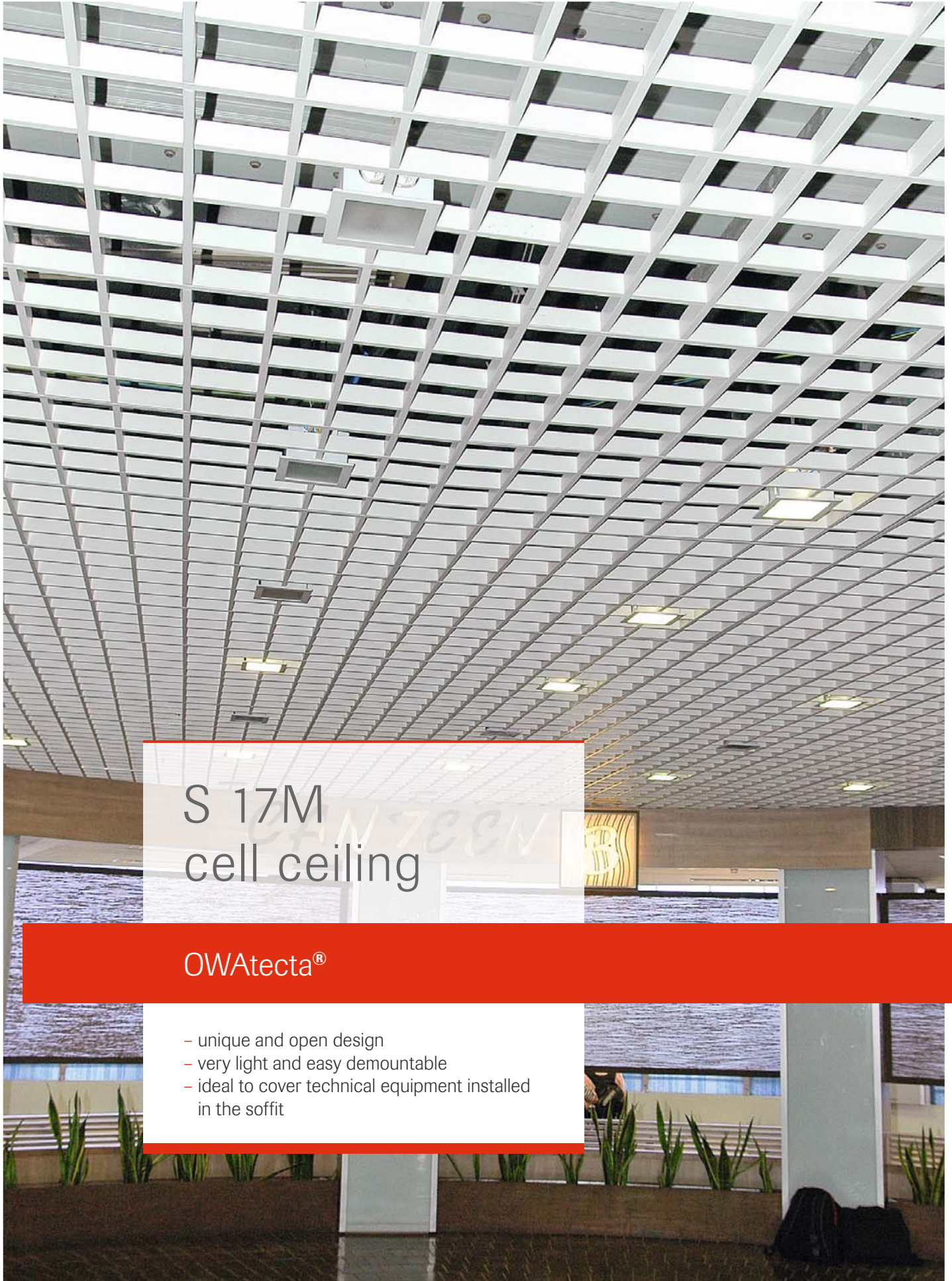


K 13

Technical information

Material	Classification of steel according to EN 10152: KBB DC01+ZE25/25	
Light reflection	The standard colour for OWA tecta® 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: A1	Class 1 / class A
	Perforated: A2-s2,d0	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

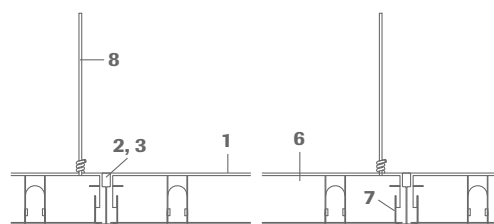
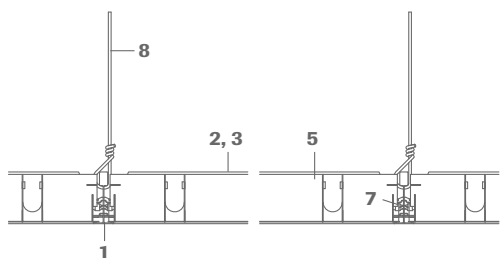
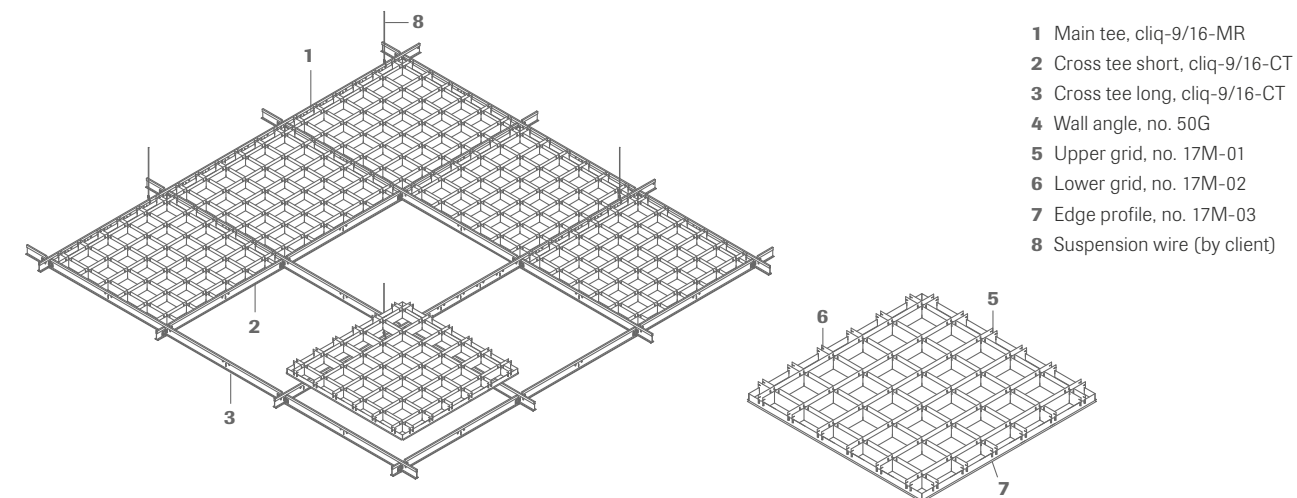
OWAtecta®

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

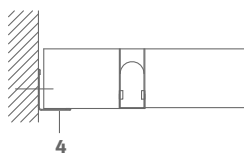
System S 17M



S 17M cell ceiling



Wall perimeter:



Technical data

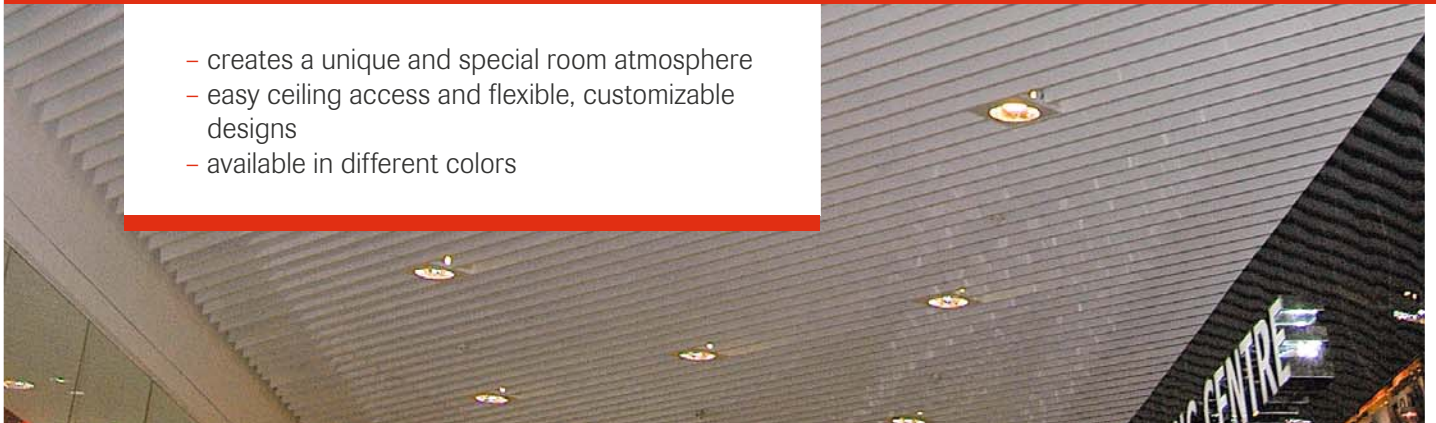
Material	Steel	Aluminium
Module size	2' x 2'	2' x 2'
Thickness	0.012"	0.02"
Height	1 3/8"	1 3/8"
Cell sizes	3" x 3", 4" x 4", 6" x 6", 8" x 8"	
Colour	OWA white (pre painted), black matt (pre painted)	



S 19M baffle ceiling

OWAtecta®

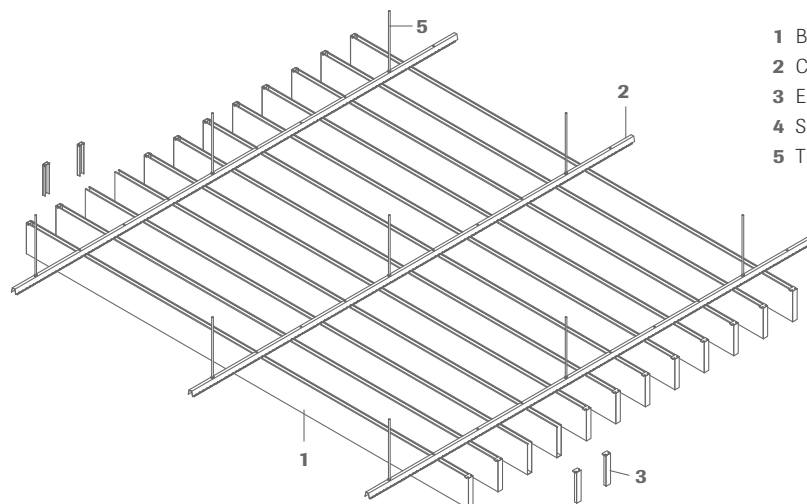
- creates a unique and special room atmosphere
- easy ceiling access and flexible, customizable designs
- available in different colors



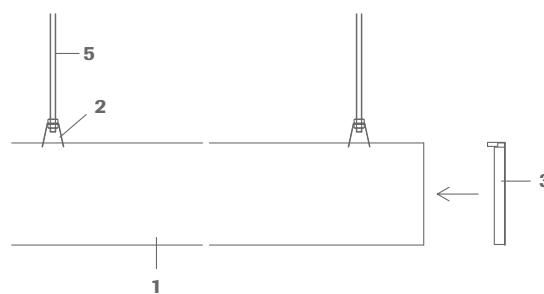
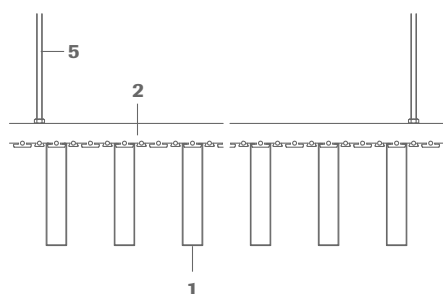
System S 19M



S 19M baffle ceiling



- 1 Baffle
- 2 Carrier profile, no. 19M-01
- 3 End cap, no. 19M-02
- 4 Splice for baffle, no. 19M-03 (not shown in the drawing)
- 5 Threaded rod \varnothing 5/16" (by client)



Technical data

Material

Size (w x h)

Thickness

Perforations²

Colour

Steel

3/4" x 4", 1 1/4" x 4", 2" x 4"
maximum length: 13'

0.02"

L0, Rg2516, Rd1522, Rg0701

OWA white, other colors on request

Aluminium

3/4" x 4", 1 1/4" x 4", 2" x 4"
maximum length: 13'

0.03"

L0, Rg2516, Rd1820, Rg0901, Rg0701

Wooden colors



CF 8002



CF 8016



CF 8034



S 22 clip-in

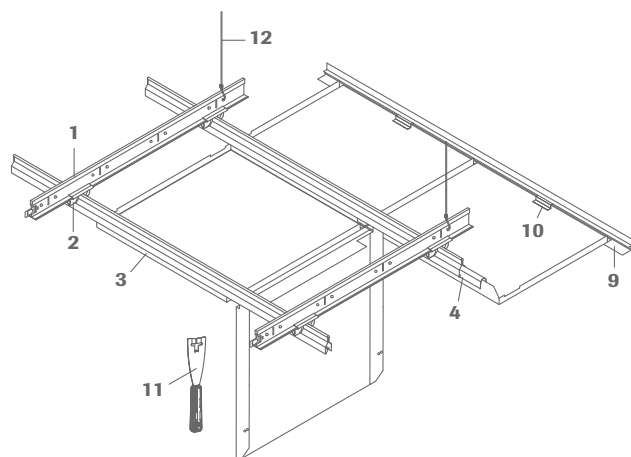
OWAtecta®

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

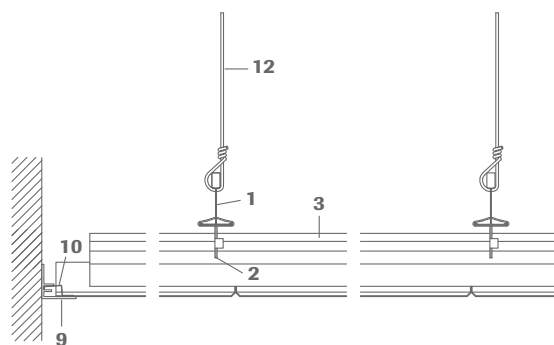
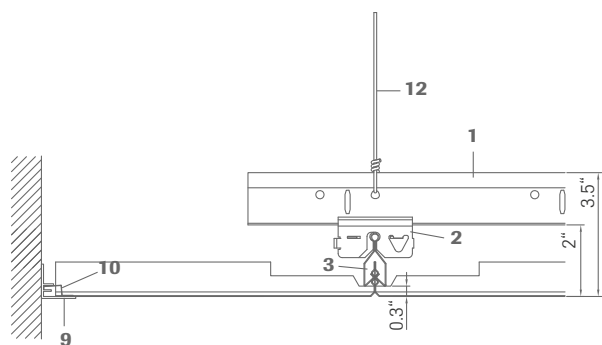
System S 22



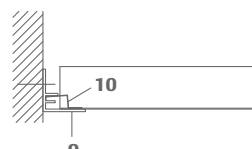
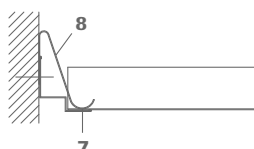
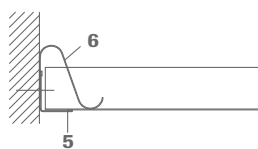
S 22 clip-in



- 1 Main tee, no. cliq-15/16-MR
- 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 Clip-tool no. 99005
- 12 Suspension wire (by client)
alternative: threaded rod \varnothing 1/4" (by client)



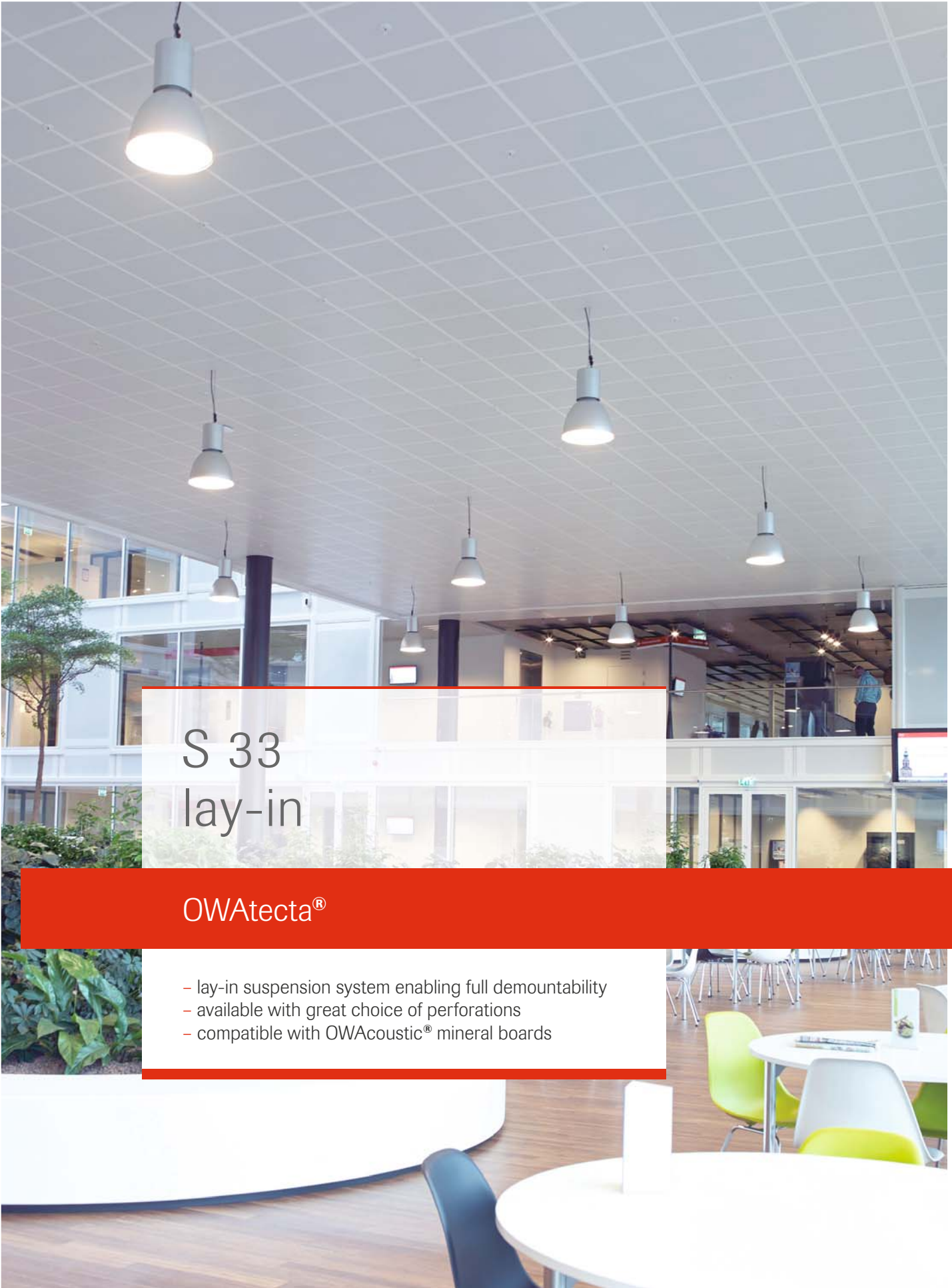
Wall perimeter:



Technical data

Material	Steel	Aluminium (not retractable)
Module size	2' x 2'	2' x 2'
Thickness	0.02"	0.03"
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 58 | ² Perforations on page 56 and 57



S 33 lay-in

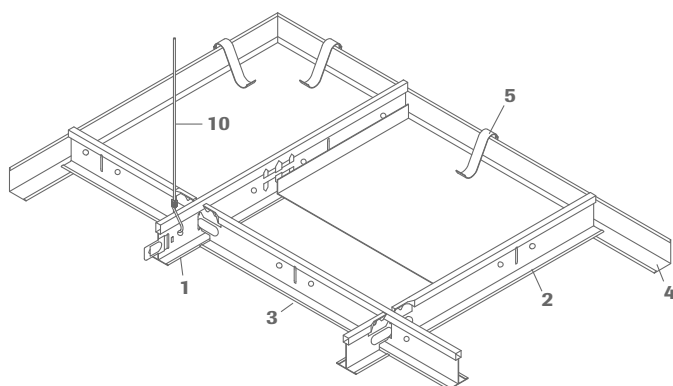
OWAtecta®

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

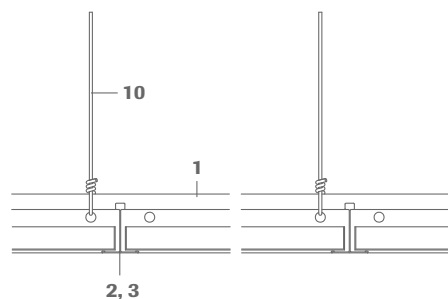
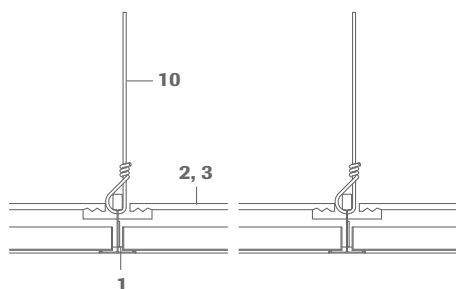
System S 33



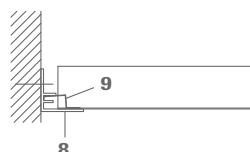
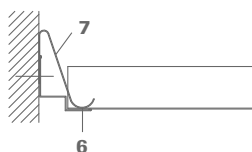
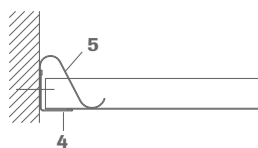
S 33 lay-in



- 1 Main tee, no. cliq-15/16-MR
- 2 Cross tee short, no. cliq-15/16-CT
- 3 Cross tee long, no. cliq-15/16-CT
- 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 Suspension wire (by client)



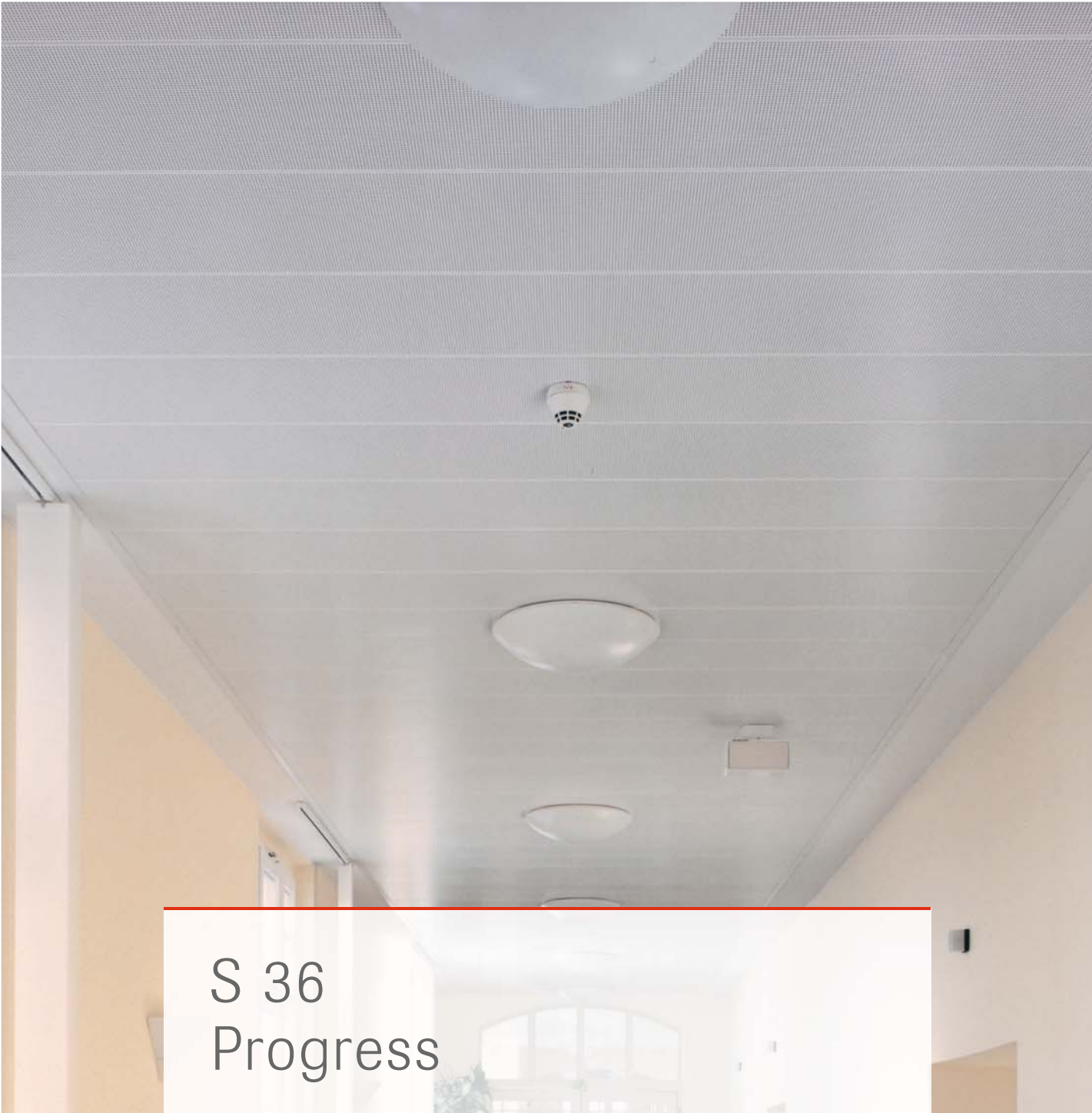
Wall perimeter:



Technical data

Material	Steel	Aluminium
Module size	2' x 2'	2' x 2'
Thickness	0.02"	0.03"
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 58 | ² Perforations on page 56 and 57



S 36 Progress

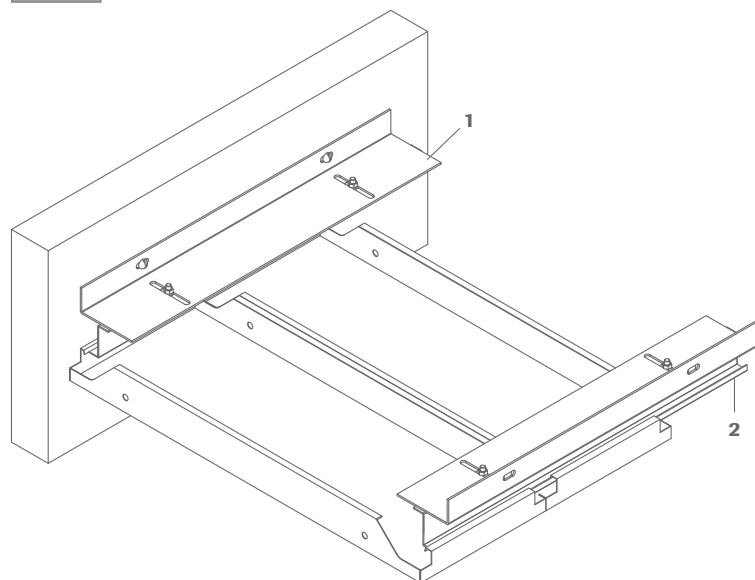
OWAtecta®

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

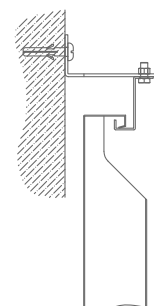
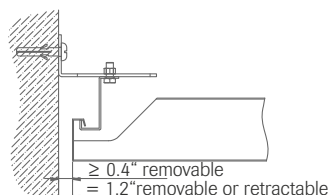
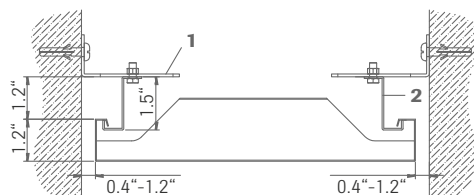
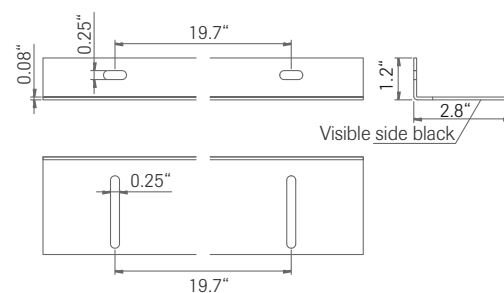
System S 36



S 36 Progress



- 1 Wall angle, no. 5110
- 2 Z profile, no. 90E01



Attention:

Standard wall connection is only possible with the 8 mm flat panel. Wedge panels and higher flat panels can only be installed by using complete tiles in combination with a gypsum board frieze.

Technical data

Material	Steel	Aluminium
Module size	Max. length 8' max. width 2' (max. size 11 SF)	Max. length 8' max. width 2' (max. size 11 SF)
Thickness	Depends on size	Depends on size
Perforations ²	On request	On request
Available edges ¹	K 11s	K 11s
Colour	OWA white, other colors on request	OWA white, other colors on request

¹ Edges please see on page 58 | ² Perforations on page 56 and 57



S 38M wedge ceiling

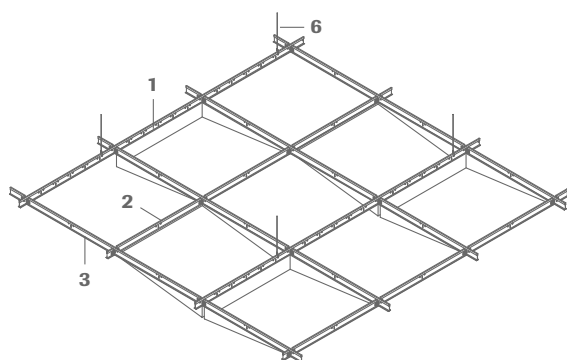
OWAtecta®

- enabling outstanding 3D ceiling design
- can be used in conjunction with standard panels
- easy demountability

System S 38M

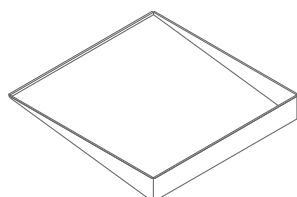


S 38M wedge ceiling

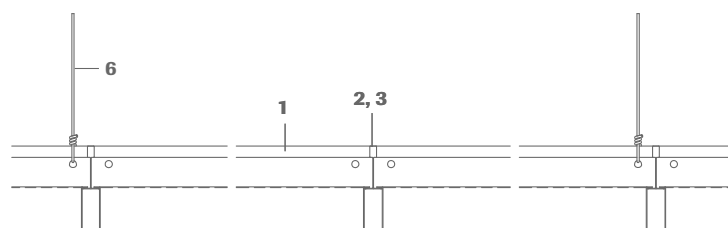
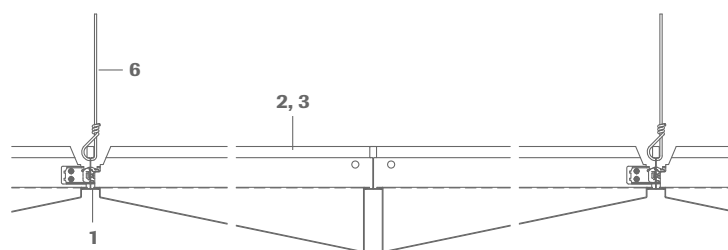
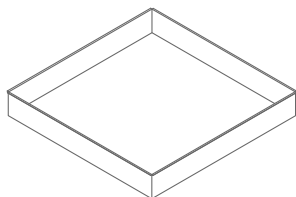


- 1 Main tee, cliq-9/16-MR
- 2 Cross tee short, cliq-9/16-CT
- 3 Cross tee long, cliq-9/16-CT
- 4 Wall angle, no. 50/15G
- 5 Wall clip, no. 99010
- 6 Suspension wire (by client)

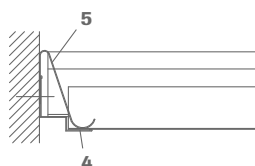
Wedge panel:



Flat panel:



Wall perimeter:



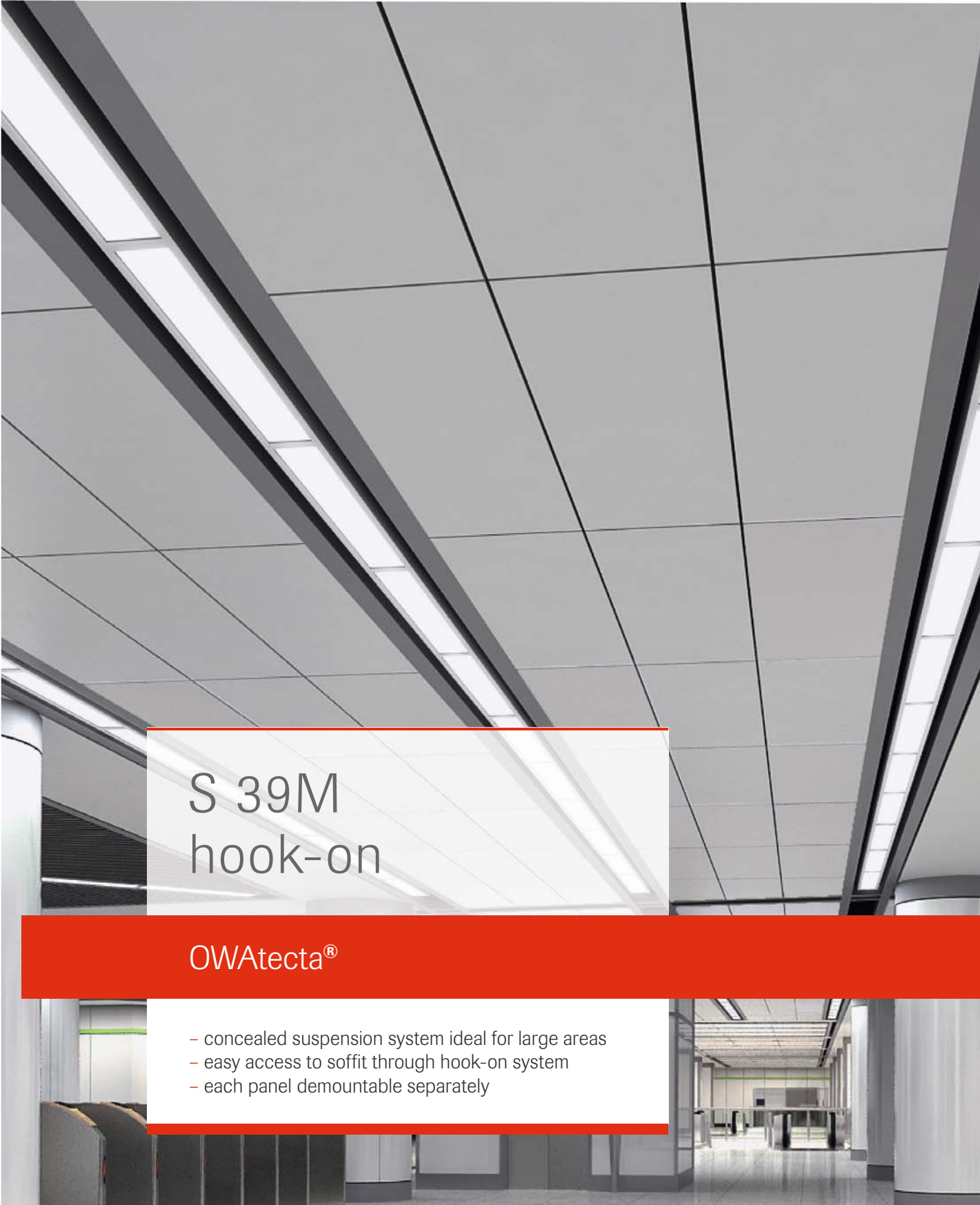
Attention:

Standard wall connection is only possible with the 8 mm flat panel. Wedge panels and higher flat panels can only be installed by using complete tiles in combination with a gypsum board frieze.

Technical data

Material	Steel	Aluminium
Module size	2' x 2'	2' x 2'
Height	Wedge panel: 5/16" x 2", 5/16" x 3", 5/16" x 4" flat panel: 5/16", 2", 3", 4"	Wedge panel: 5/16" x 2", 5/16" x 3", 5/16" x 4" flat panel: 5/16", 2", 3", 4"
Perforations ²	L0, Rg2516	L0, Rg2516, Rd1820
Colour	OWA white, RAL 9006	OWA white, RAL 9006

¹ Edges please see on page 58 | ² Perforations on page 56 and 57



S 39M hook-on

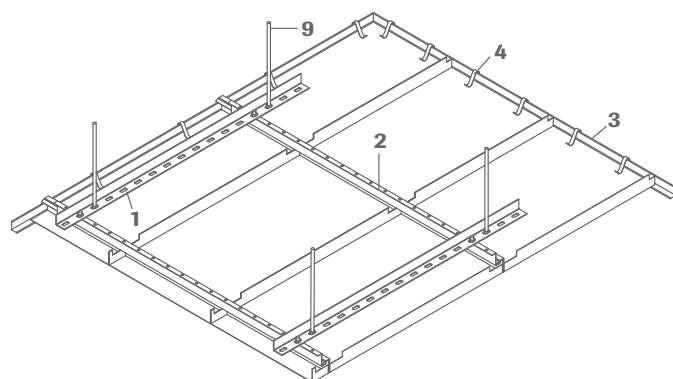
OWAtecta®

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

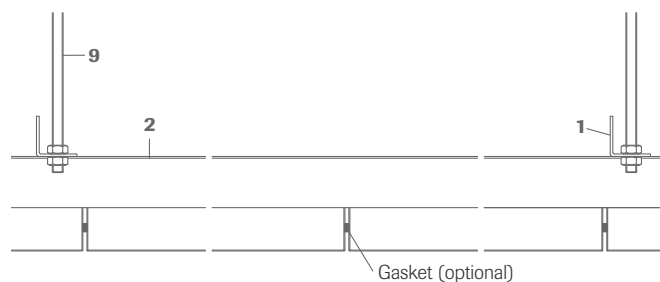
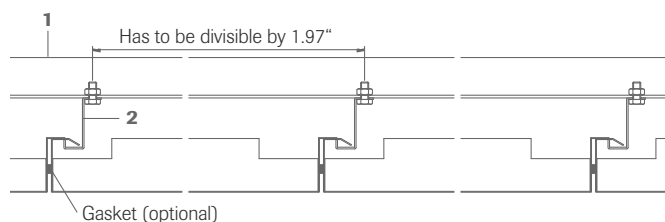
System S 39



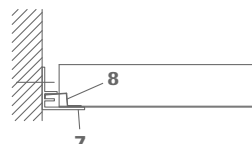
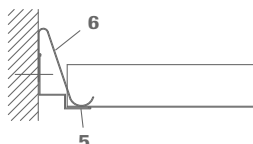
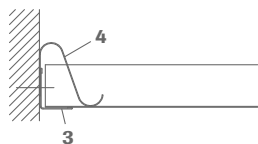
S 39 hook-on



- 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 \varnothing 5/16" (by client)



Wall perimeter:



Technical data

Material	Steel	Aluminium
Module size	Max. length 9.8" max. width 3.6" (max. size 11 SF)	Max. length 9.8" max. width 4.6" (max. size 11 SF)
Thickness	Depends on size	Depends on size
Perforations ²	On request	On request
Available edges ¹	K 11	K 11
Colour	OWA white	OWA white

¹ Edges please see on page 58 | ² Perforations on page 56 and 57



S 45 lay-in

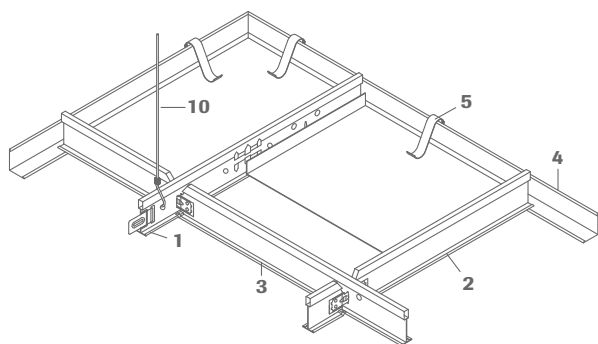
OWAtecta®

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

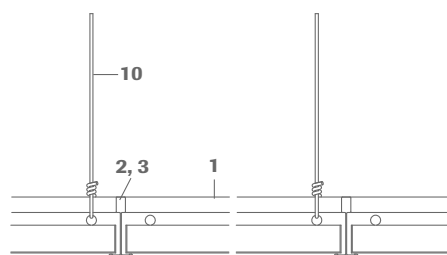
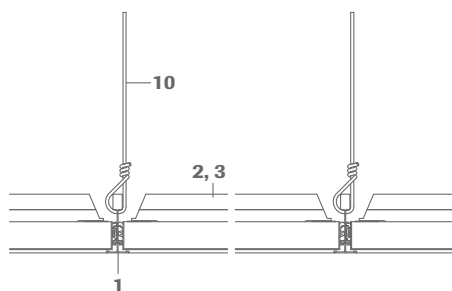
System S 45



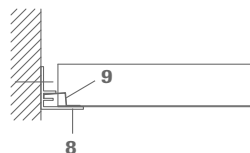
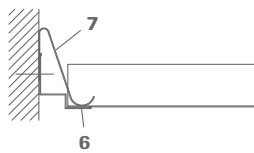
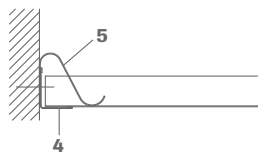
S 45 lay-in



- 1 Main tee, cliq-9/16-MR
- 2 Cross tee short, cliq-9/16-CT
- 3 Cross tee long, cliq-9/16-CT
- 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 Suspension wire (by client)



Wall perimeter:



Technical data

Material	Steel	Aluminium
Module size	2' x 2'	2' x 2'
Thickness	0.02"	0.03"
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 58 | ² Perforations on page 56 and 57



S 45b OWAline

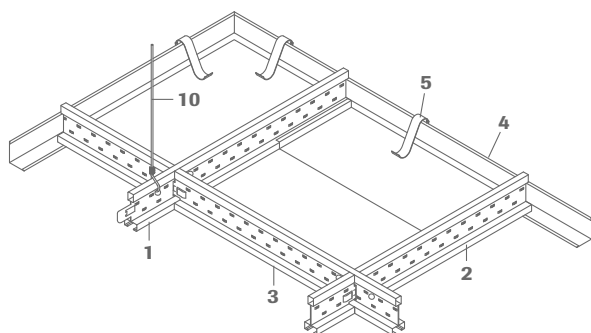
OWAtecta®

- 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

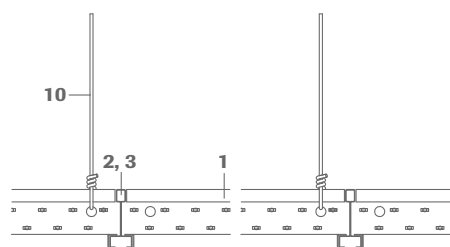
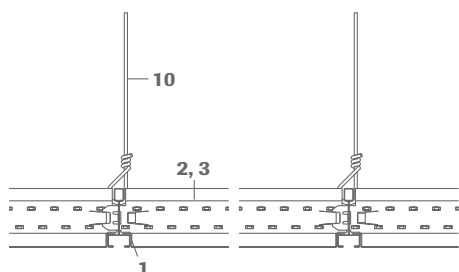
System S 45b



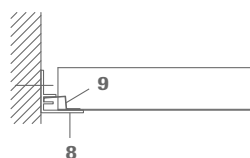
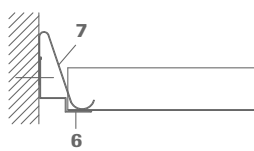
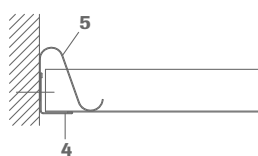
S 45b OWAline 9/16



- 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 Suspension wire (by client)



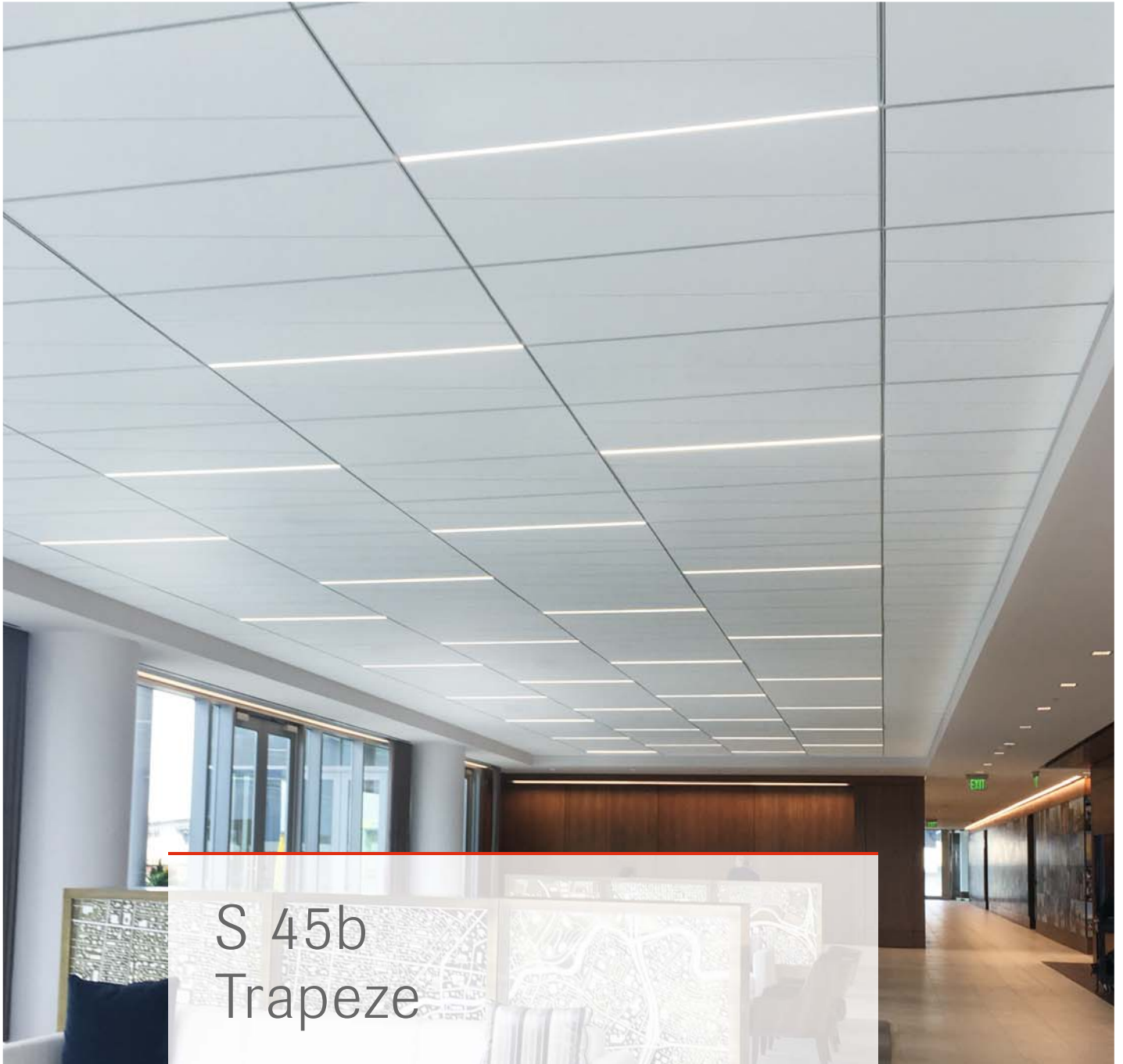
Wall perimeter:



Technical data

Material	Steel	Aluminium
Module size	2' x 2'	2' x 2'
Thickness	0.020"	0.031"
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 58 | ² Perforations on page 56 and 57



S 45b Trapeze

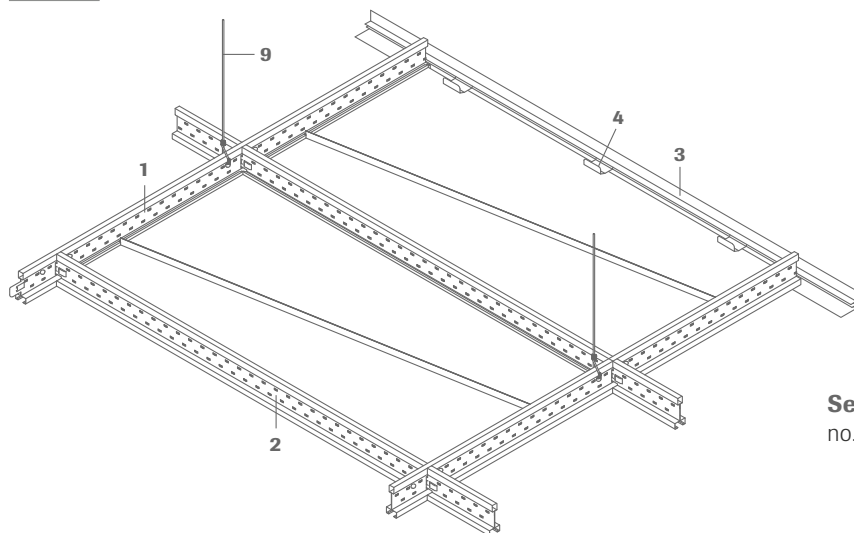
OWAtecta®

- lay-in suspension system enabling fully demountability
- special tiles with trapezoid shape
- suitable with OWAlight and Trapeze LED A

System S 45b Trapeze

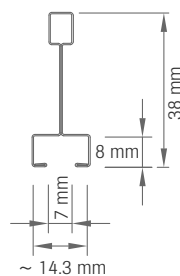


S 45b Trapeze lay-in

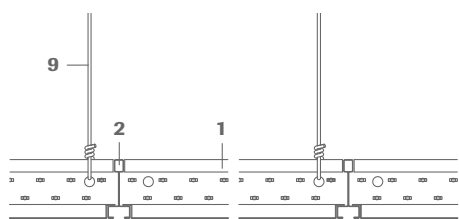
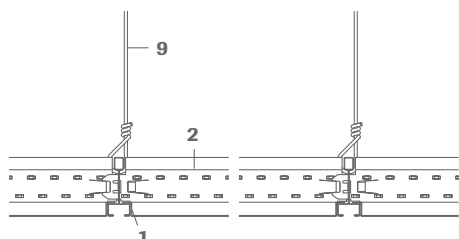
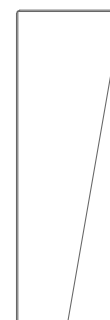


- 1 Main tee, no. 3500
- 2 Cross tee long, no. 3524
- 3 F wall angle, no. 50F
- 4 Clip for F wall angle, no. 5220M
- 5 Wall angle, no. 50G
- 6 Wall clip, no. 99009
- 7 Shadow wall angle, no. 50/15G
- 8 Wall clip, no. 99010
- 9 Suspension wire (by client)

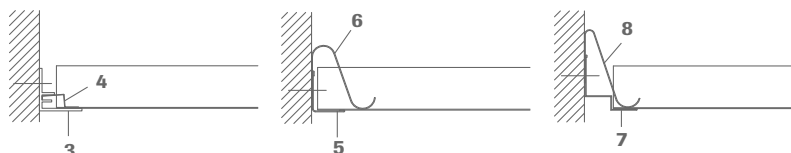
Section dimension: no. 3500 and no. 3524



Trapeze metal tile:



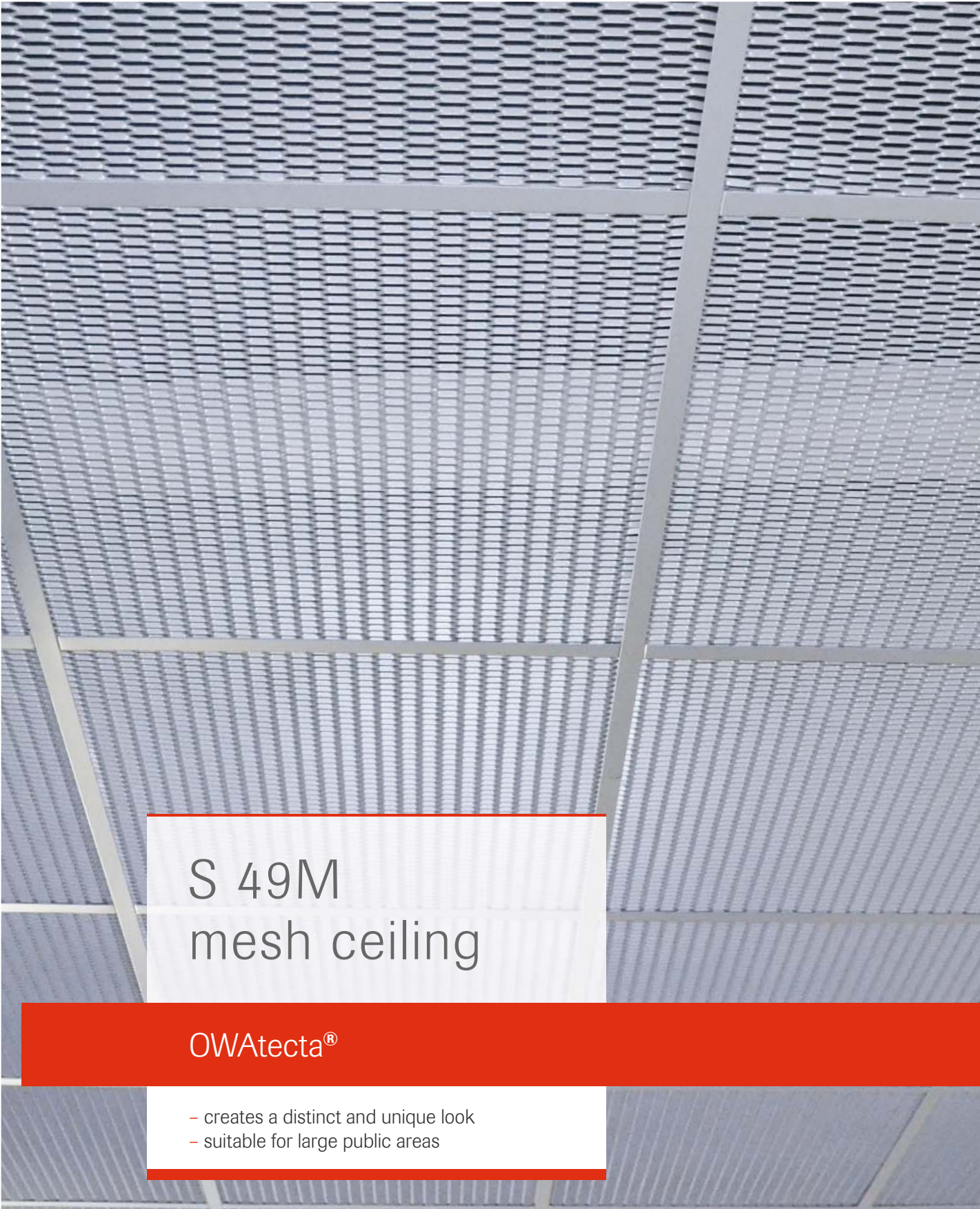
Wall perimeter:



Technical data

Material	Steel
Module size	2' x 4'
Dimensions	1.3'/0.7' x 4'
Thickness	0.02"
Perforations²	L0, Rg0701
Available edges¹	K 16
Colour	OWA white

¹ Edges please see on page 58 | ² Perforations on page 56 and 57



S 49M
mesh ceiling

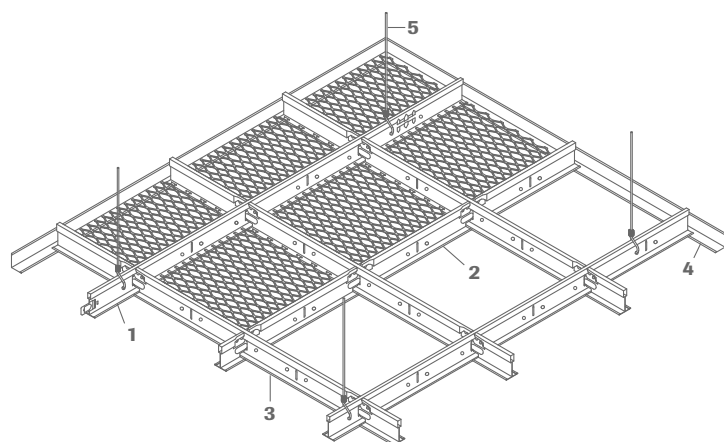
OWAtecta®

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

System S 49M

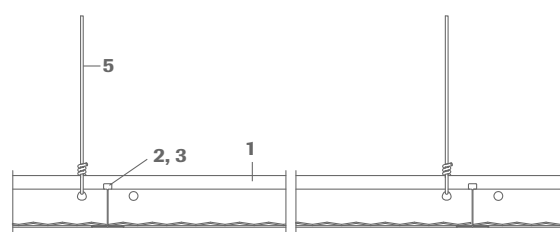
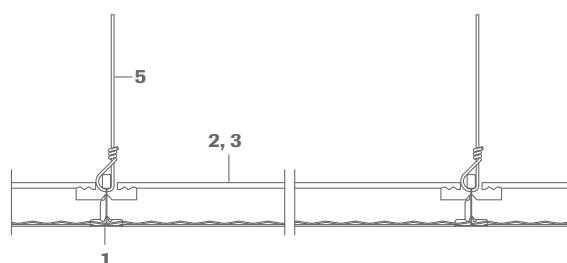
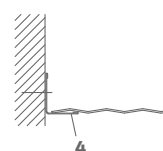


S 49M mesh ceiling



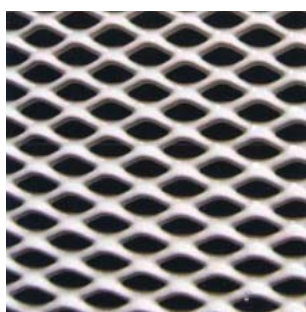
- 1 Main tee, no. cliq-15/16-MR
- 2 Cross tee short, no. cliq-15/16-CT
- 3 Cross tee long, no. cliq-15/16-CT
- 4 Wall angle (steel), no. 50G
- 5 Suspension wire (by client)

Wall perimeter:

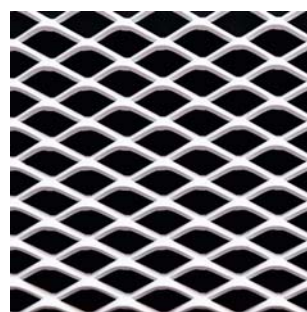


Technical data

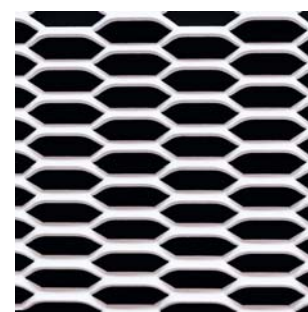
Material	Steel/aluminum	Aluminum	Aluminum
Module size	2' x 2', 2' x 4'	2' x 2', 2' x 4'	2' x 2', 2' x 4'
Thickness	0.06"	0.06"	0.06"
Mesh size	5/16" x 1/2"	5/16" x 3/4"	9/32" x 1"
Mesh shape	Diamond	Diamond	Turtle back
Open area	54 %	52 %	70 %
Available edges ¹	Cut end	Cut end	Cut end
Colour	OWA white, RAL 9006	OWA white, RAL 9006	OWA white, RAL 9006



5/16" x 1/2"



5/16" x 3/4"



9/32" x 1"

¹ Edges please see on page 58 | ² Perforations on page 56 and 57

OWA ceilings performance regarding to LEED®

OWA ceilings LEED® credit

Product range: suspended acoustical ceilings (tiles and sub-construction)

- **OWAcoustic® premium**
- **OWAconsult® collection**
- **OWAconstruct®**
- **OWAtecta®**

OWA's product range contribute to following LEED® credits:

- energy
- waste management
- recycled content
- local materials (is location dependent)
- low-emitting materials
- daylight and views
- acoustic performance



OWA green circle



USGBC LEED® credits:

- **LEED® MR credit 2: construction waste management** – divert 50 % or 75 % from disposal.

OWA will provide verification of weight and plant return location for LEED® submittal. Please contact your OWA environmental protection officer +49 93 73.2 01-2 45 for more details.

OWAtecta® metal tiles and OWAconstruct® components could be fully recycled (100 %)

- **LEED® MR credit 4: recycled content**

OWA's product range has high recycled content levels contribute to LEED®.

LEED® recycled content value:

OWAcoustic® premium, OWAconsult® collection

54 % total recycled content

42 % LEED® recycled content value

An EPD for OWAcoustic® mineral tiles based on ISO 14025 is available on request.

OWA ceilings performance regarding to LEED®

OWAconstruct®/OWAtecta®

30 % total recycled content

7 % post-industrial (pre-consumer)

23 % post-consumer

27 % LEED® recycled content value

Post-consumer: End-users can no longer use product for intended purpose.

Pre-consumer (post-industrial): Industrial waste from manufacturing, exclude rework from the same process that created it.

- LEED® MR credit 5: regional materials

Option 1: the manufacturing plant may be within 500 miles of your jobsite

Option 2: for products shipped by rail or water the following formula can be used: (distance by rail/3) + (distance by inland waterway/2) + (distance by sea/15) + (distance by all other means) ≤ 500 miles

- LEED® IEQ credit 4: low emitting materials

Our product range meet the **State of Washington and California Section 01350 requirements** for low emissions. **Limit values for according to IEQ-credit 3.2: Construction indoor air quality before occupancy is 500 µg/m³ (VOC) and 27 ppb formaldehyde.**

Formaldehyde is not added during any production process.

See for further information the credit IEQ 4.1 to 4.5.

OWAcoustic® product range has less than

TVOC:

in class rooms:	< 1.5 µg/m³ (after 11, 12 and 14 days)
in office buildings:	< 2 µg/m³ (after 11, 12 and 14 days)

Formaldehyde:

in class rooms:	1.8 µg/m³ (after 11 days), 1.7 µg/m³ (after 12 days), 1.6 µg/m³ (after 14 days) = 1.3 ppb
in office buildings:	2 µg/m³ (after 11 days), 1.9 µg/m³ (after 12 days), 1.8 µg/m³ (after 14 days) = 1.5 ppb

Low emitting products can be used as a possible innovation credit.

- LEED® IEQ credit 8.1: daylight and views - daylight

High LR (light reflectance) value from 78 % up to 91 % according to ISO 7724-2, ISO 7724-3 (depends on pattern) contributes to LEED®

LEED® credit performance of OWA ceilings

Product	Materials/resources credit 2	Materials/resources credit 4		ID/innovation credits acoustics		Energy and atmosphere/IEC EA 1, IEQ 4	
	100 % recycable	Total recycle content	LEED RC value	NRC	CAC	Light reflectance	Formaldehyde, VOC emissions
Brillianto	YES	up to 54 %	up to 42 %	0.70	30 dB	Approx. 78	Meet requirements of CDPH-IAQ and AgBB-Scheme according to ISO 16000 and CDPH testing standards
Brillianto A (5/8")				0.90	30 dB	Approx. 78	
Cosmos/N				0.65	33 dB	Approx. 84	
Finetta High NRC				0.70	33 dB	Approx. 88	
Futura smart				0.60	31 dB	Approx. 85	
Humancare				0.85	30 dB	Approx. 87	
Multi Alpha				0.90	32 dB	Approx. 88	
NEW Sandila/N (5/8")				0.65	33 dB	Approx. 87	
NEW Sandila NRC				0.75	33 dB	Approx. 87	
NEW Sandila/N smart				0.60	31 dB	Approx. 87	
Octave c (3/4")				0.70	25 dB	Approx. 87	
Octave (5/8")				0.85	30 dB	Approx. 87	
Octave High NRC/CAC (3/4")				0.80	35 dB	Approx. 87	
Octave dB (3/4")				0.60	43 dB	Approx. 87	
Octave 100H (3/4")				0.95	30 dB	Approx. 78	
Octave black (5/8")				0.80	30 dB	-	
Octave (wood colors) (3/4")				0.70	25 dB	-	
OWAlux® white				0.15	37 dB	-	
Sanitas 02® Finetta				0.70	33 dB	Approx. 88	
Sanitas 02® Plain				0.15	37 dB	Approx. 91	
L0	YES	30 % (7 % pre-consumer and 23 % post-consumer)	27 %	0.05	30 dB	Approx. 88	Meet requirements of CDPH-IAQ and AgBB-Scheme according to ISO 16000 and CDPH testing standards
Rg0701				0.55	18 dB	Approx. 86	
Rd1522				0.70	18 dB	Approx. 68	
Rg2516				0.75	18 dB	Approx. 72	
Rv3136				0.80	18 dB	Approx. 62	



Case studies

OWAconsult® collection

OWAconsult® collection - Cloud





OWAconsult® collection - OWAlight

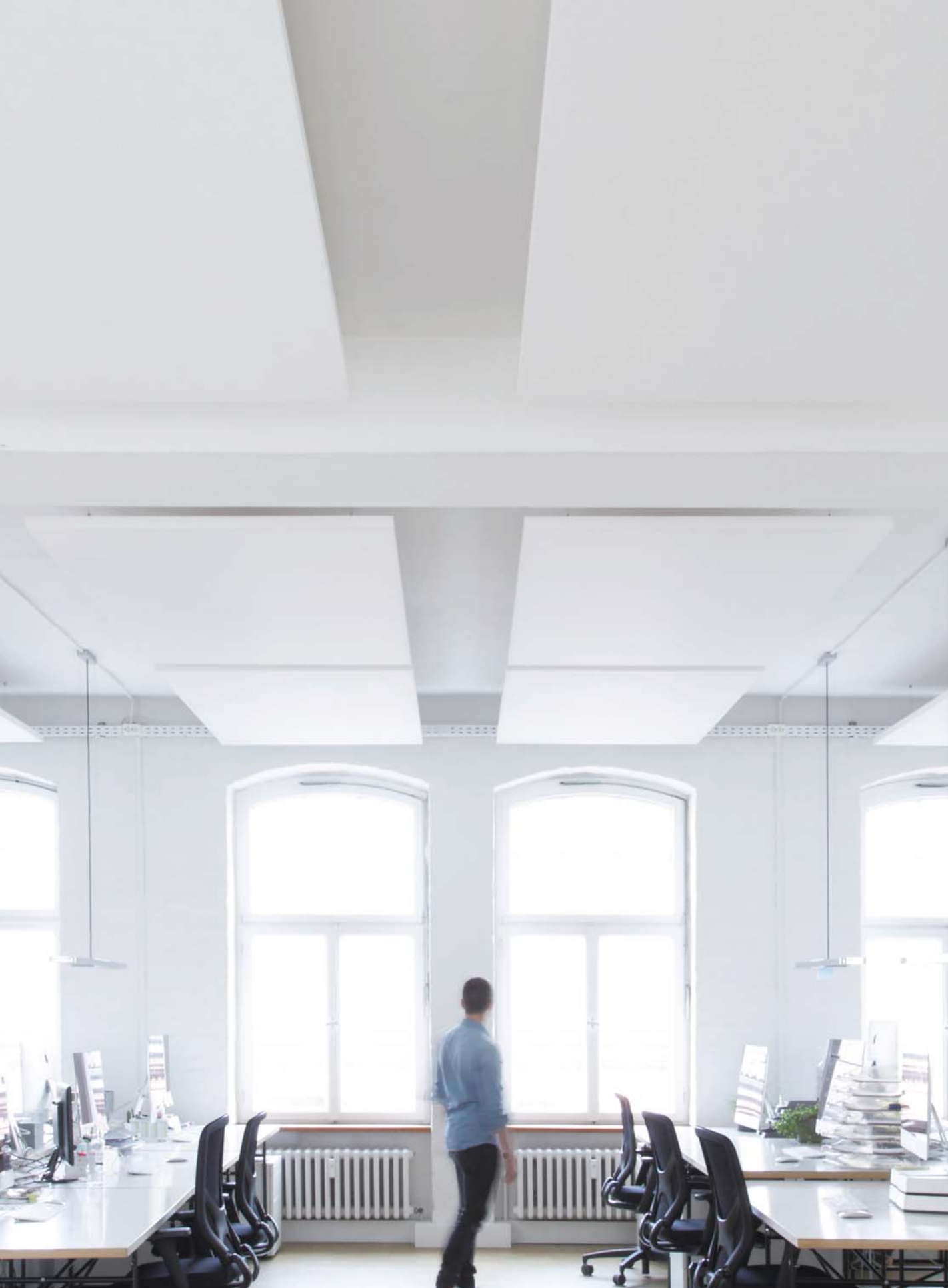




OWAconsult® collection - Curve



OWAconsult® collection - Selecta



OWAconsult® collection - Trapeze





OWA product-profile



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