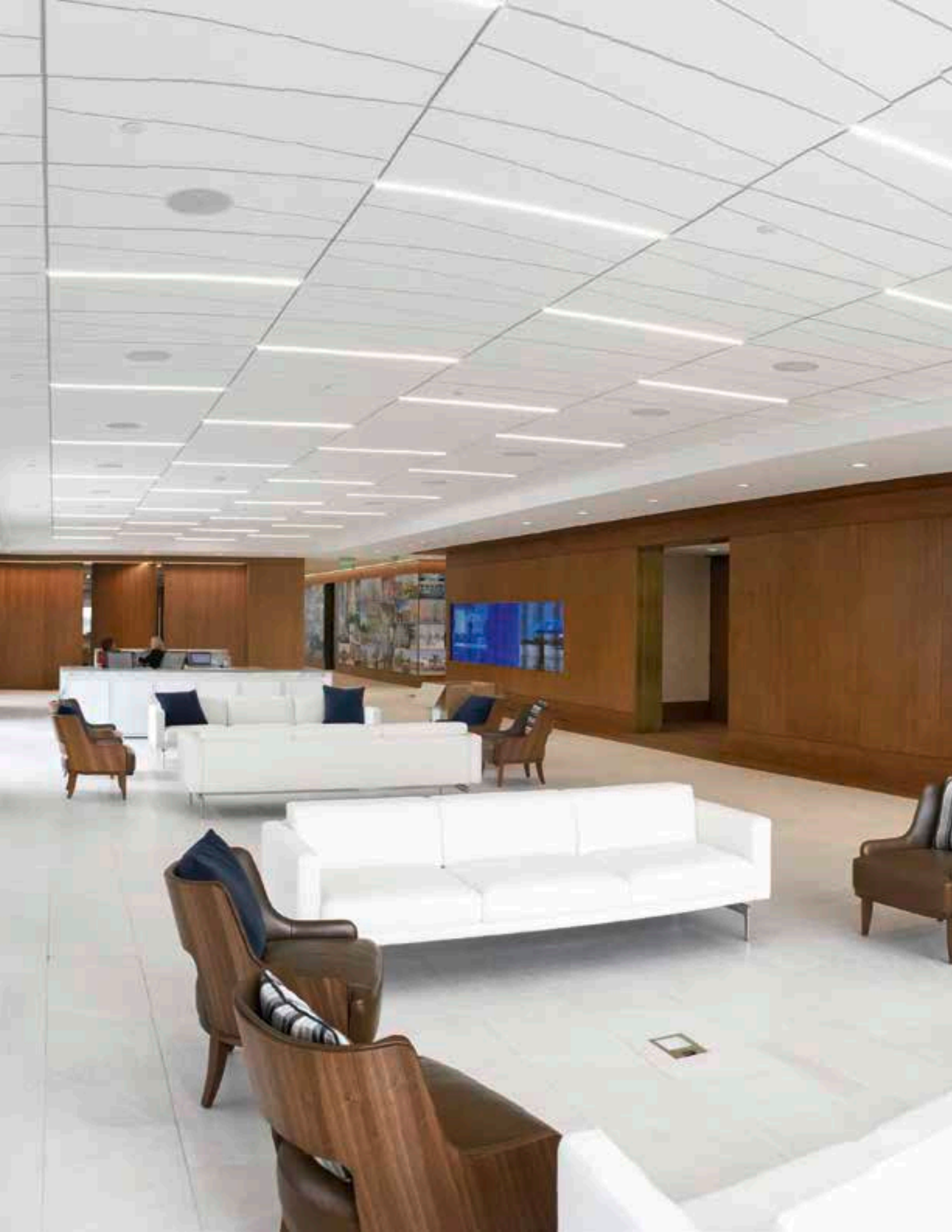




Unique ceiling systems - designed by OWA

OWAlifetime collection | OWAconsult collection | OWAconstruct

OWA





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OWAlifetime collection

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Highest standards of design and function

OWAlifetime collection

Mineral tiles of the OWAlifetime collection meet highest standards of design and function. The tiles are differentiated by their look and functions. They do not only meet requirements related to construction, but also any acoustic requirements.

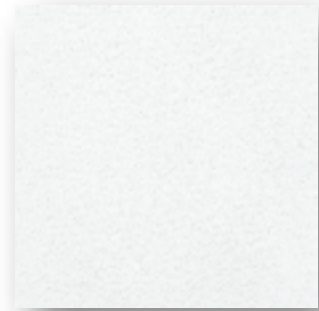
OWAlifetime collection



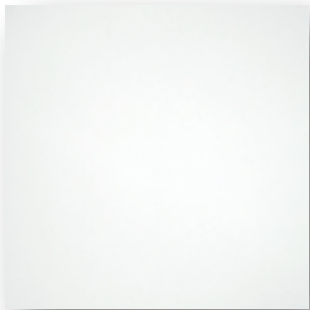
Finetta High NRC



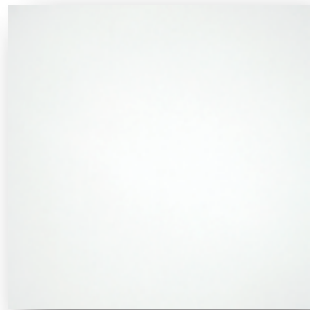
Sandila/N



Sandila NRC



Octave 70 High CAC



Octave 75



Octave 80



Octave 80 High CAC



Octave 85



Octave 90 High CAC



Octave 95



Octave 75 | Humancare



Octave 85 | Humancare

OwAlifetime collection



Octave 85 black



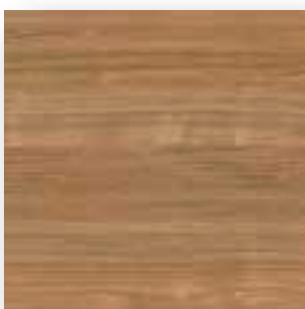
Octave wood colors | Cherry



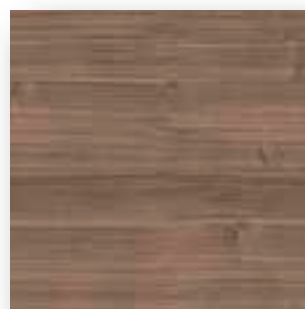
Octave wood colors | Grey



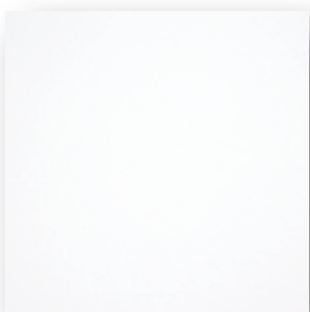
Octave wood colors | Maple



Octave wood colors | Teak



Octave wood colors | Walnut



Sanitas® 02 | Plain

Ceiling systems selector

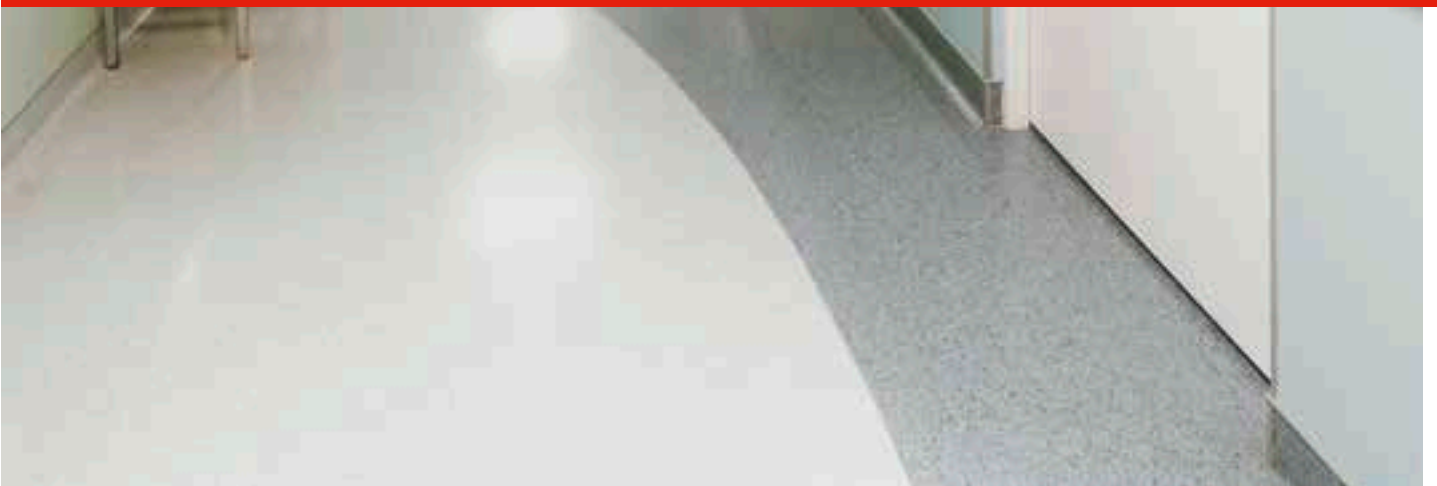
	Page	Size				Grid			Edge				Fleece covered
		24" x 24"	24" x 48"	24" x 60"	24" x 72"	15/16"	9/16"	Bolt slot	SQ	RE15/16"	RE9/16"	RE bolt slot	
Finetta High NRC	10	■	■			■	■		■	■	■		
Sandila/N	12	■	■			■	■		■	■	■		
Sandila NRC	14	■	■			■	■		■	■	■		
Octave 70 High CAC	16	■	■	■ ¹	■ ¹	■	■		■	■	■		■
Octave 75	18	■	■	■ ¹	■ ¹	■	■	■	■	■	■	■	■
Octave 80	20	■	■	■ ¹	■ ¹	■	■		■	■	■		■
Octave 80 High CAC	22	■	■	■ ¹	■ ¹	■	■		■	■	■		■
Octave 85	24	■	■	■ ¹	■ ¹	■	■	■	■	■	■	■	■
Octave 90 High CAC	26	■	■			■	■		■	■	■		■
Octave 95	28	■	■	■ ¹	■ ¹	■	■	■	■	■	■	■	■
Octave 75 Humancare	30	■	■	■ ²	■ ²	■	■	■	■	■	■	■	■
Octave 85 Humancare	32	■	■	■ ²	■ ²	■	■	■	■	■	■	■	■
Octave 85 black	34	■	■			■	■		■				■
Octave wood colors Cherry	36	■	■			■						■	■
Octave wood colors Grey	36	■	■			■						■	■
Octave wood colors Maple	36	■	■			■						■	■
Octave wood colors Teak	36	■	■			■						■	■
Octave wood colors Walnut	36	■	■			■						■	■
Sanitas® 02 Plain	38	■	■			■	■		■				

¹ only RE 9/16" | ² only RE 9/16" and RE bolt-slot

Performance											
NRC	CAC	Fire rating (ASTM E 84)class A (ASTM E 1264)	Light reflectance (ASTM E 1477)	Humidity resistance	Hygiene/clean room product	Mold resistance tested according to ASTM D3273	Washability tested according to ASTM D2486	Scrubability tested according to ASTM D4828	Low VOC/ low formaldehyde	Recycling	
0.75	35 dB	■	86	up to 95 %		■	■	■	All OWA-products meet the California Specification 01350	■	Finetta High NRC
0.60	37 dB	■	84	up to 95 %		■				■	Sandila/N
0.70	35 dB	■	83	up to 95 %		■				■	Sandila NRC
0.70	40 dB	■	87	up to 95 %		■	■	■		■	Octave 70 High CAC
0.75	27 dB	■	87	up to 95 %		■	■	■		■	Octave 75
0.80	33 dB	■	87	up to 95 %		■	■	■		■	Octave 80
0.80	37 dB	■	87	up to 95 %		■	■	■		■	Octave 80 High CAC
0.85	27 dB	■	87	up to 95 %		■	■	■		■	Octave 85
0.90	34 dB	■	87	up to 95 %		■	■	■		■	Octave 90 High CAC
0.95	-	■	87	up to 95 %		■	■	■		■	Octave 95
0.75	27 dB	■	87	up to 95 %	■	■	■	■		■	Octave 75 Humancare
0.85	27 dB	■	87	up to 95 %	■	■	■	■		■	Octave 85 Humancare
0.85	28 dB	■	-	up to 95 %		■	■	■		■	Octave 85 black
-	-	■	-	up to 95 %		■	■	■		■	Octave wood colors Cherry
-	-	■	-	up to 95 %		■	■	■		■	Octave wood colors Grey
-	-	■	-	up to 95 %		■	■	■		■	Octave wood colors Maple
-	-	■	-	up to 95 %		■	■	■	■	Octave wood colors Teak	
-	-	■	-	up to 95 %		■	■	■	■	Octave wood colors Walnut	
0.10	42 dB	■	92	up to 95 %	■	■	■	■	■	■	Sanitas® 02 Plain



Finetta High NRC





Finetta High NRC

ASTM E 1264 Classification

Type III, form 2, pattern C E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 86 (ASTM E 1477)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.75

Sound reduction*

CAC = 35 dB







Humidity resistance

 up to 95 % RH

* Dependent on system, soffit and other project specific factors

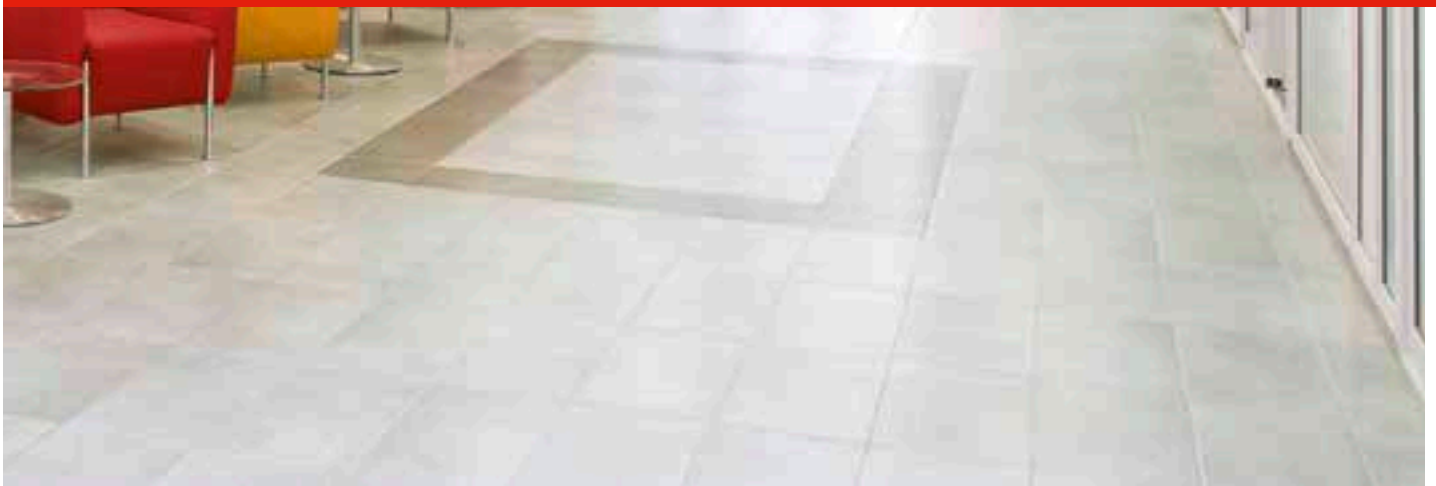


Possible dimensions and edges

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



Sandila/N





ASTM E 1264 Classification

Type III, form 2, pattern C E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 84 (ASTM E 1477)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.60

Sound reduction*

CAC = 37 dB

Humidity resistance







 up to 95 % RH

Sandila/N

* Dependent on system, soffit and other project specific factors

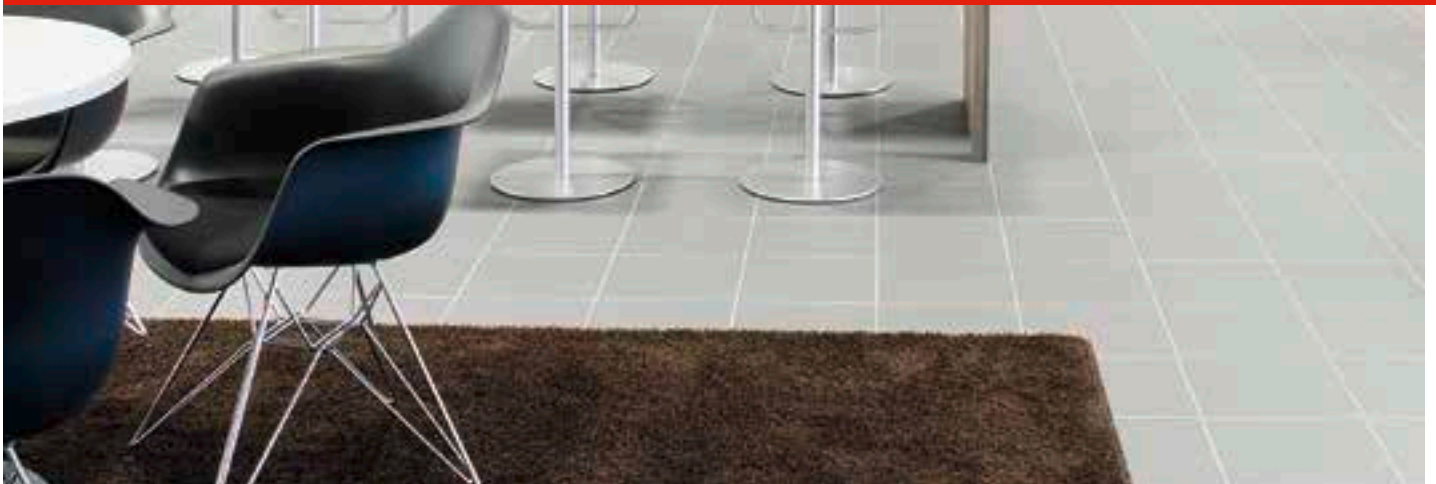


Possible dimensions and edges

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



Sandila NRC





ASTM E 1264 Classification

Type III, form 2, pattern C E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 83 (ASTM E 1477)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.70

Sound reduction*

CAC = 35 dB

Humidity resistance







 up to 95 % RH

Sandila NRC

* Dependent on system, soffit and other project specific factors

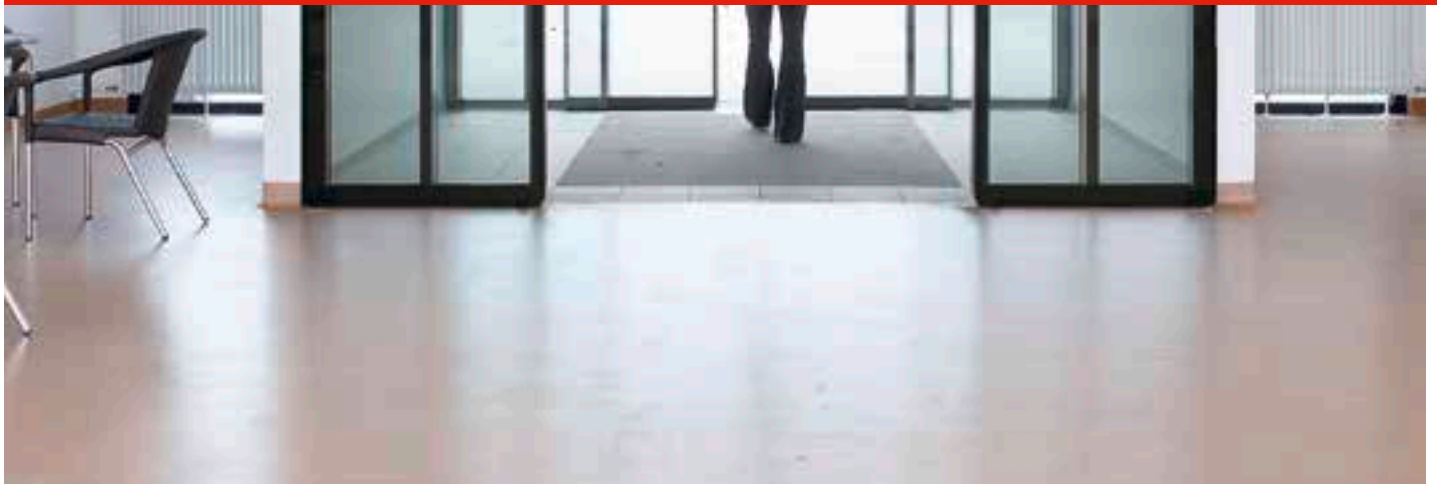


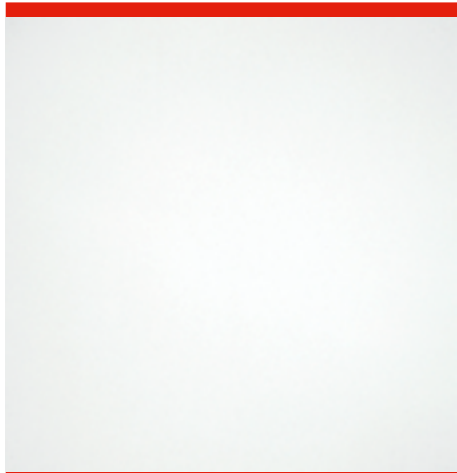
Possible dimensions and edges

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



Octave 70 High CAC





ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 87 (ASTM E 1477)

Thickness (inches)

3/4" nom.

Sound absorption

 NRC = 0.70

Sound reduction*

CAC = 40 dB

Humidity resistance













 up to 95 % RH

Octave 70 High CAC

* Dependent on system, soffit and other project specific factors

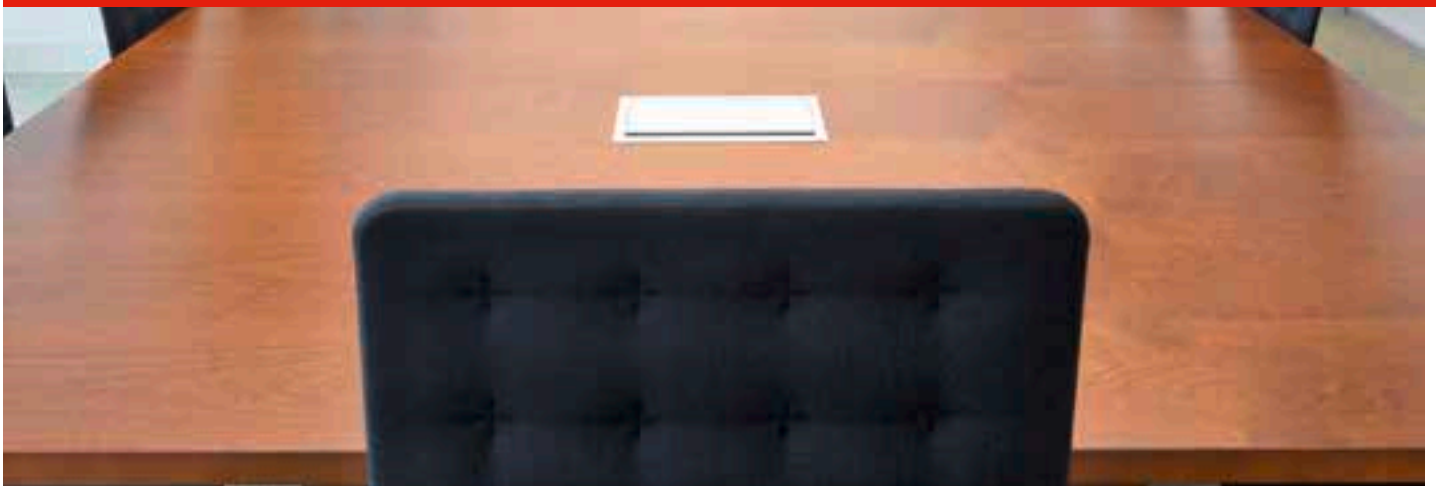


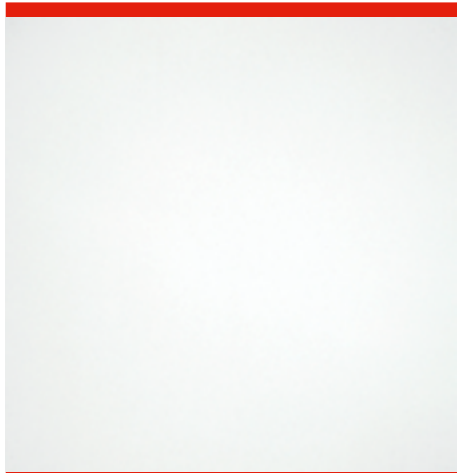
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			
24" x 60"			
24" x 72"			



Octave 75





ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 87 (ASTM E 1477)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.75

Sound reduction*

CAC = 27 dB

Humidity resistance















 up to 95 % RH

Octave 75

* Dependent on system, soffit and other project specific factors

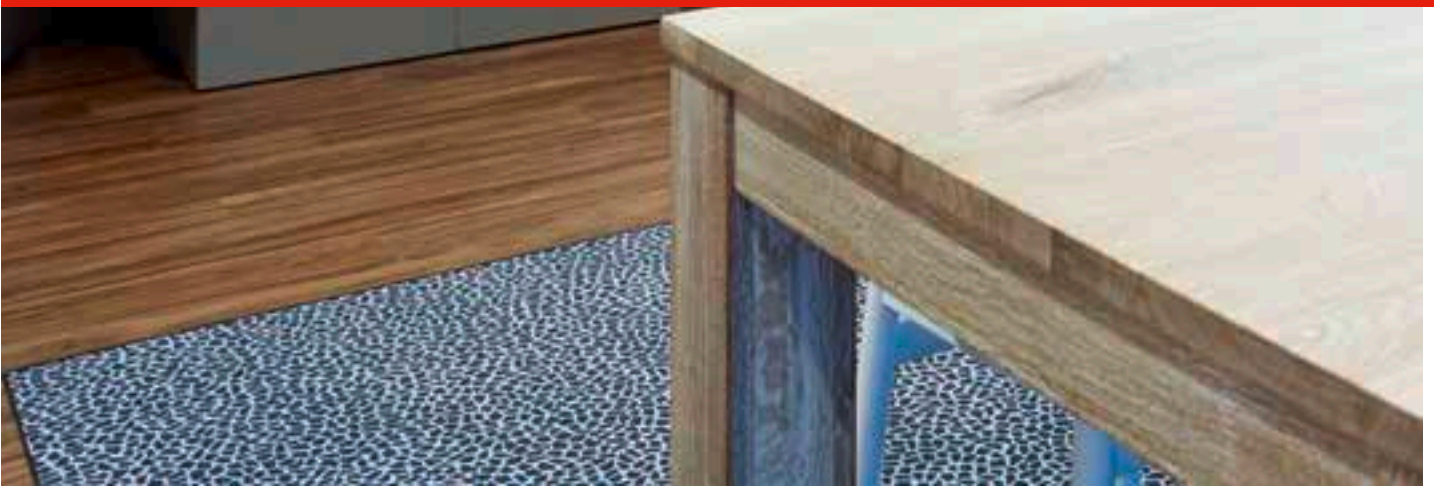


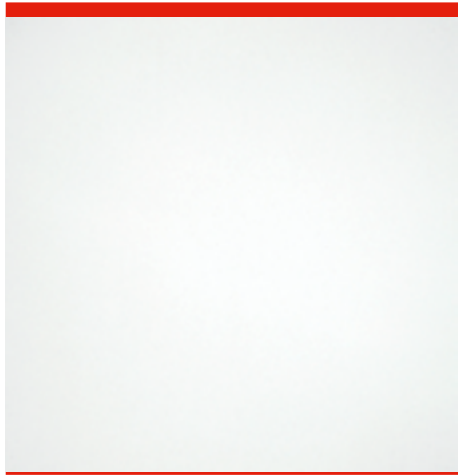
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16	RE bolt-slot
24" x 24"				
24" x 48"				
24" x 60"				
24" x 72"				



Octave 80





ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 87 (ASTM E 1477)

Thickness (inches)

3/4" nom.

Sound absorption

 NRC = 0.80

Sound reduction*

CAC = 33 dB

Humidity resistance













 up to 95 % RH

Octave 80

* Dependent on system, soffit and other project specific factors

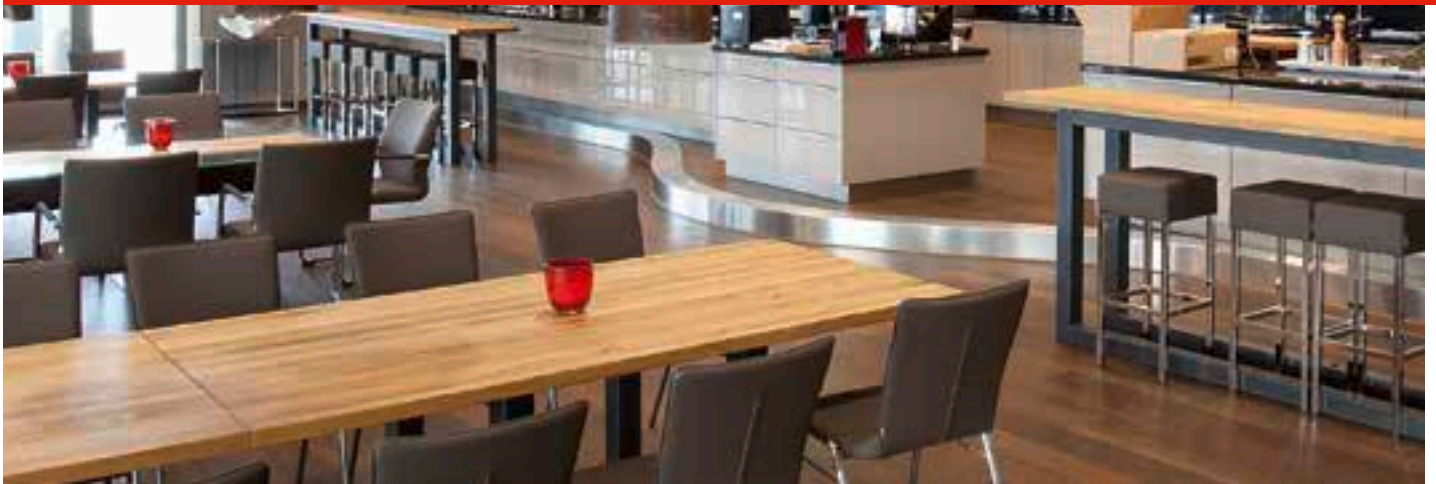


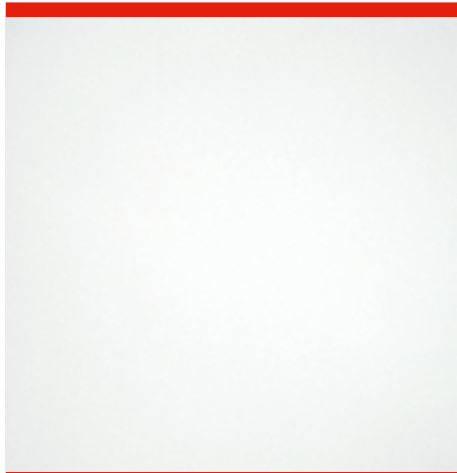
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			
24" x 60"			
24" x 72"			



Octave 80 High CAC





ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 87 (ASTM E 1477)

Thickness (inches)

3/4" nom.

Sound absorption

 NRC = 0.80

Sound reduction*

CAC = 37 dB

Humidity resistance













 up to 95 % RH

Octave 80 High CAC

* Dependent on system, soffit and other project specific factors

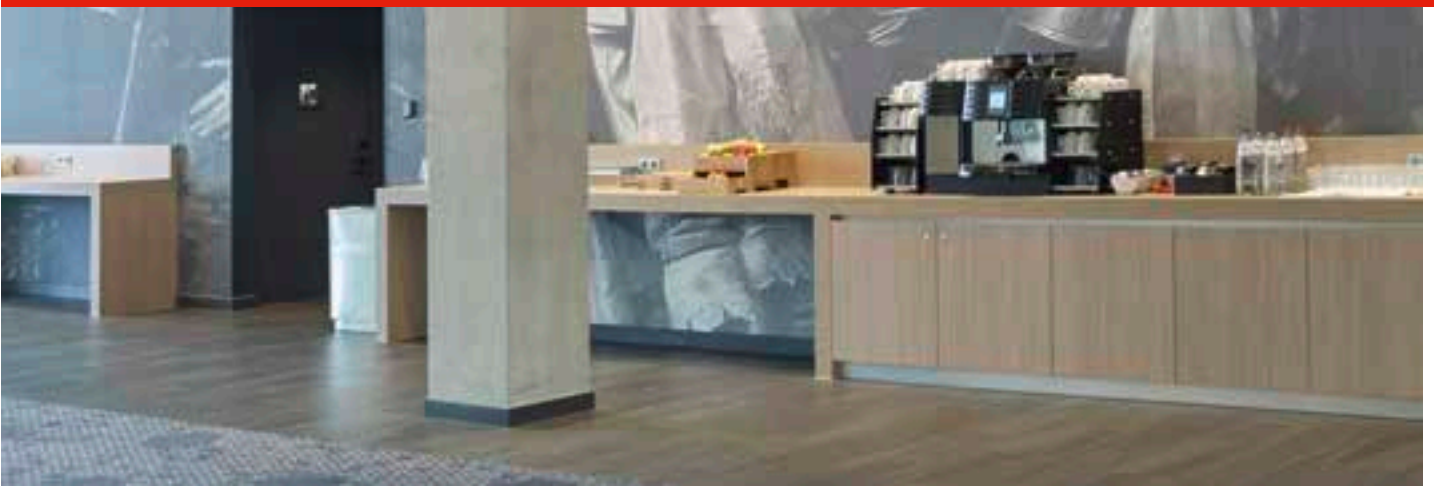


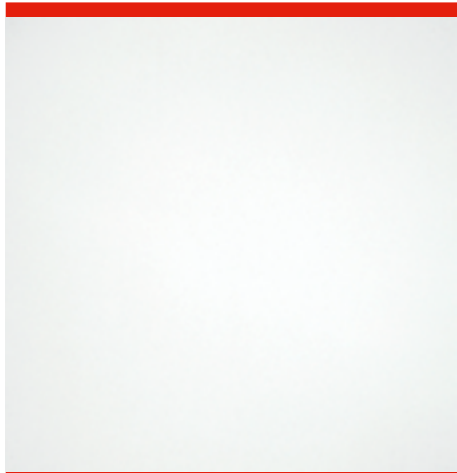
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16
24" x 24"			
24" x 48"			
24" x 60"			
24" x 72"			



Octave 85





ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 87 (ASTM E 1477)

Thickness (inches)

5/8" nom.

Sound absorption

 NRC = 0.85

Sound reduction*

CAC = 27 dB

Humidity resistance















 up to 95 % RH

Octave 85

* Dependent on system, soffit and other project specific factors



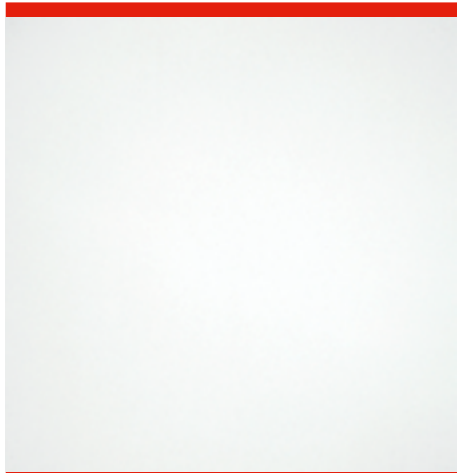
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16	RE bolt-slot
24" x 24"				
24" x 48"				
24" x 60"				
24" x 72"				



Octave 90 High CAC





Octave 90 High CAC

ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 87 (ASTM E 1477)

Thickness (inches)

1" nom.

Sound absorption

 NRC = 0.90

Sound reduction*

CAC = 34 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 95





Octave 95

ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Color

White

Light reflection

Approx. 87 (ASTM E 1477)

Thickness (inches)

3/4" nom.

Sound absorption











 NRC = 0.95

Humidity resistance

 up to 95 % RH



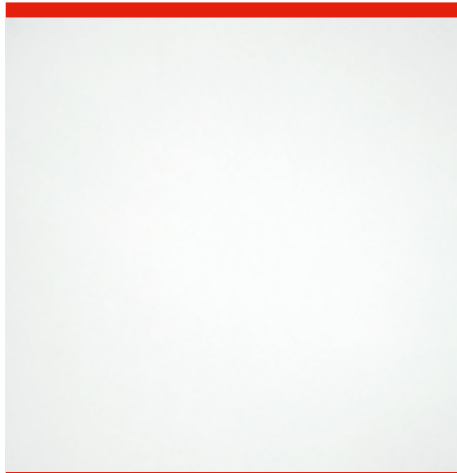
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16	RE bolt-slot
24" x 24"				
24" x 48"				
24" x 60"				
24" x 72"				



Octave 75 | Humancare





ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 (ASTM E 84) Class A (ASTM E 1264)
Color	White
Light reflection	Approx. 87 (ASTM E 1477)
Thickness (inches)	5/8" nom.
Sound absorption	NRC = 0.75
Sound reduction*	CAC = 27 dB
Humidity resistance	up to 95 % RH
Clean room class	ISO 4 (ISO 14644-1:1999) ^o

Octave 75 | Humancare

* Dependent on system, soffit and other project specific factors | ^o Tested with OWAconstruct 15/16" grid

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"				
24" x 60"				
24" x 72"				



Safety and wellness

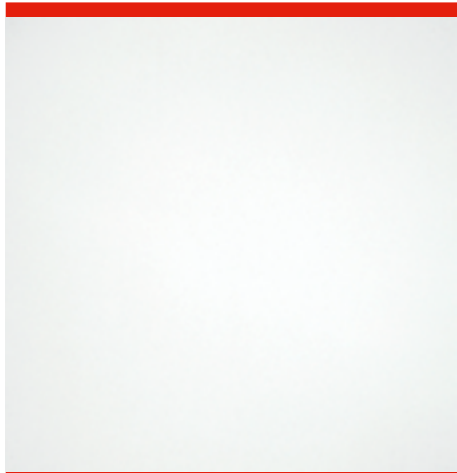
Octave 85 | Humancare

Humancare is a ceiling tile with special hygienic properties. It prevents the growth of bacteria, fungi and germs and even noroviruses and MRSA pathogens don't stand a chance. Its suitability for use in areas where hygiene is particularly important is confirmed by the tests specified in the standard NF S 90-351.

Thanks to its high absorption values, Humancare is particularly suited also to rooms in which good acoustics need to be achieved – i.e. anywhere that people gather and where a pleasant room environment in terms of acoustics is required as a contributing factor to wellness.

This makes Humancare the perfect choice not only for healthcare institutions like hospitals or retirement homes/care homes, but in particular also for nurseries and schools.





ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 (ASTM E 84) Class A (ASTM E 1264)
Color	White
Light reflection	Approx. 87 (ASTM E 1477)
Thickness (inches)	5/8" nom.
Sound absorption	NRC = 0.85
Sound reduction*	CAC = 27 dB
Humidity resistance	up to 95 % RH
Clean room class	ISO 4 (ISO 14644-1:1999) ^o

Octave 85 | Humancare

* Dependent on system, soffit and other project specific factors | ^o Tested with OWAconstruct 15/16" grid

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).

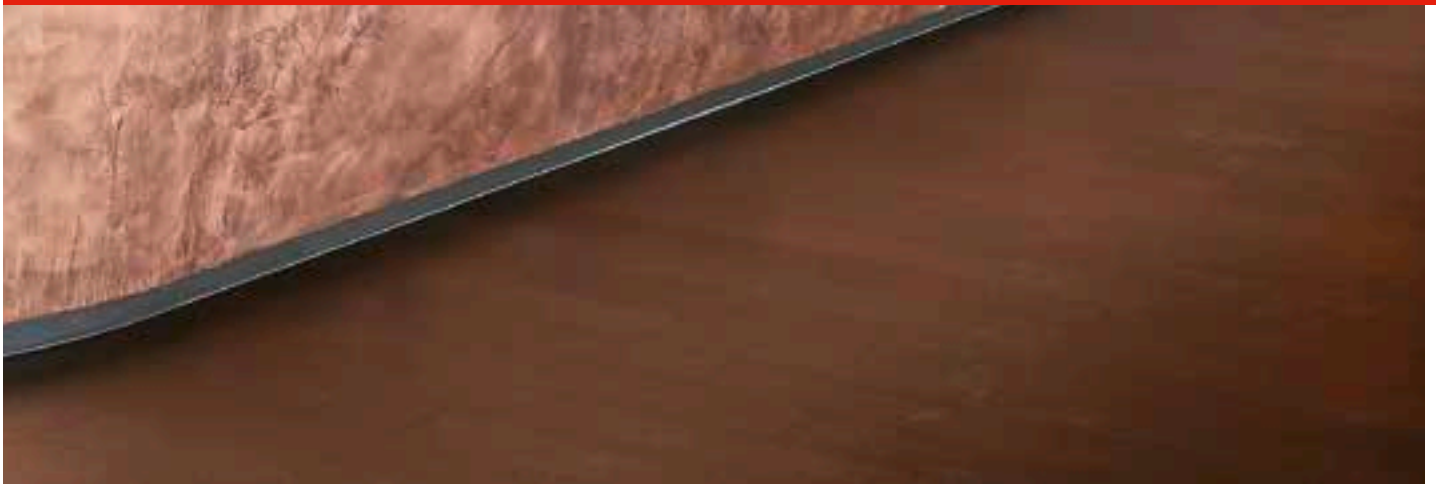


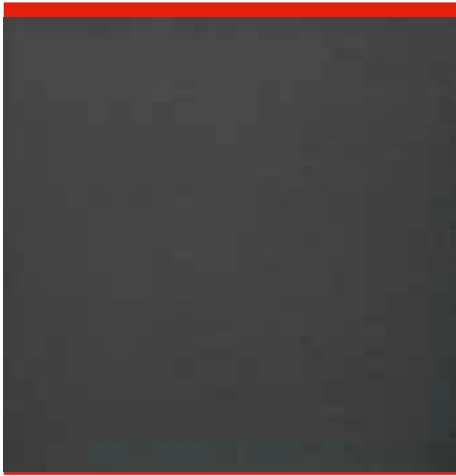
Possible dimensions and edges

Module size in inches	SQ	RE 15/16	RE 9/16	RE bolt-slot
24" x 24"				
24" x 48"				
24" x 60"				
24" x 72"				





Octave 85 black







Octave 85 black

ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 (ASTM E 84) Class A (ASTM E 1264)
Color	Black
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.85
Sound reduction*	CAC = 28 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 wood colors





ASTM E 1264 Classification

Type IV, form 2, pattern E H

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Colors

Cherry, grey, maple, teak, walnut

Thickness (inches)

5/8" nom.

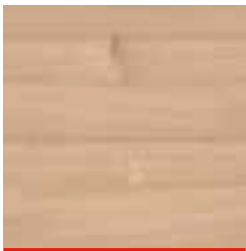
Sound absorption

On request

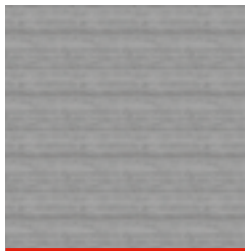
Humidity resistance

 up to 80 % RH

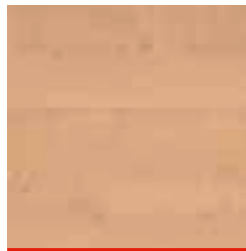
Surface example Octave wood colors | Cherry



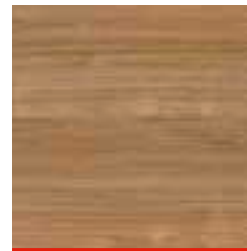
Cherry



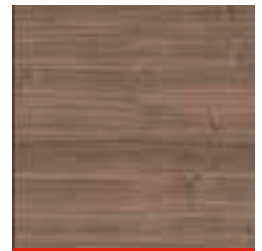
Grey



Maple





Teak




Walnut



Possible dimensions and edges

Module size in inches	OWAline 9/16
24" x 24"	
24" x 48"	



Sterile conditions against fungi and bacteria

Sanitas® 02 | Plain

What makes the Sanitas® 02 version so special is its robust surface, which offers increased resistance to repeated cleaning processes. Its hygienic finish also prevents the growth of bacteria, fungi and germs.

It is also suitable for clean rooms up to ISO Class 4 and was also successfully subjected to the test series of the strict French standard NF S 90-351.

Sanitas® 02 can be disinfected with all standard disinfectants.

Sanitas® 02 is used primarily in hospitals, retirement homes/care homes and laboratories.



ASTM E 1264 Classification	Type III, form 2, pattern E G
Reaction to fire	CAN/ULC-S102 (ASTM E 84) Class A (ASTM E 1264)
Color	White
Light reflection	Approx. 92 (ASTM E 1477)
Thickness (inches)	5/8" nom.
Sound absorption	NRC = 0.10
Sound reduction*	CAC = 42 dB
Humidity resistance	up to 95 % RH
Clean room class	ISO 4 (ISO 14644-1:1999)°

Sanitas 02 | Plain

* Dependent on system, soffit and other project specific factors | ° Tested with OWAconstruct 15/16" grid

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)
- **behavior 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"	



Creative ceilings for creative minds

OWAconsult collection

In addition to our collaboration with Hadi Teherani, OWAconsult has a continuous program of research and development headed up by our own team of architects, acousticians, designers and technical personnel. Our continuing mission is to develop exciting products that combine product performance, aesthetics, practical application and environmental awareness.



OWAconsult collection
BY HADI TEHERANI



Trapeze



Square



Cloud



Corpus



OWAlight

OWAconsult collection



OWAplan



Bamboo



Opus



Curve



Selecta



FreeStyle baffles



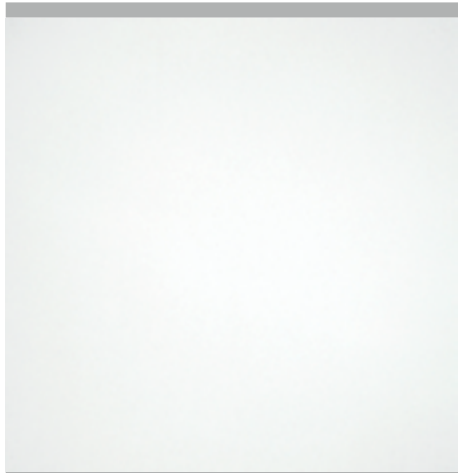
RAW





A revolution in ceiling design

Trapeze

Creating an inspired design with integrated lighting, acoustic performance and aesthetics all in one ceiling can only be the result of inspired design and lateral thinking. With its delicate diagonal and perpendicular lines emphasized by the soft complementary, energy efficient Trapeze LED, this design offers a subtle visual interest that can be made even more striking by the inclusion and skillful placing of OWAights, the integrated Linear LED's that disappear or appear at the flick of a switch.



Trapeze

ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 (ASTM E 84) Class A (ASTM E 1264)
Light reflection	Approx. 87 (ASTM E 1477)
Dimensions	Trapeze 1: 48" x 16" / 8" Trapeze 2: 24" x 48" Trapeze 4: 24" x 48"
Thickness (inches)	3/4" nom.
Sound absorption	 NRC = 0.75
Humidity resistance	 up to 95 % RH



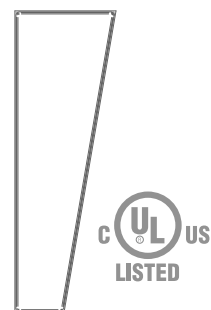
Trapeze 1



Trapeze 2



Trapeze 4



Trapeze LED A
UL-certified



Relevant suspension system

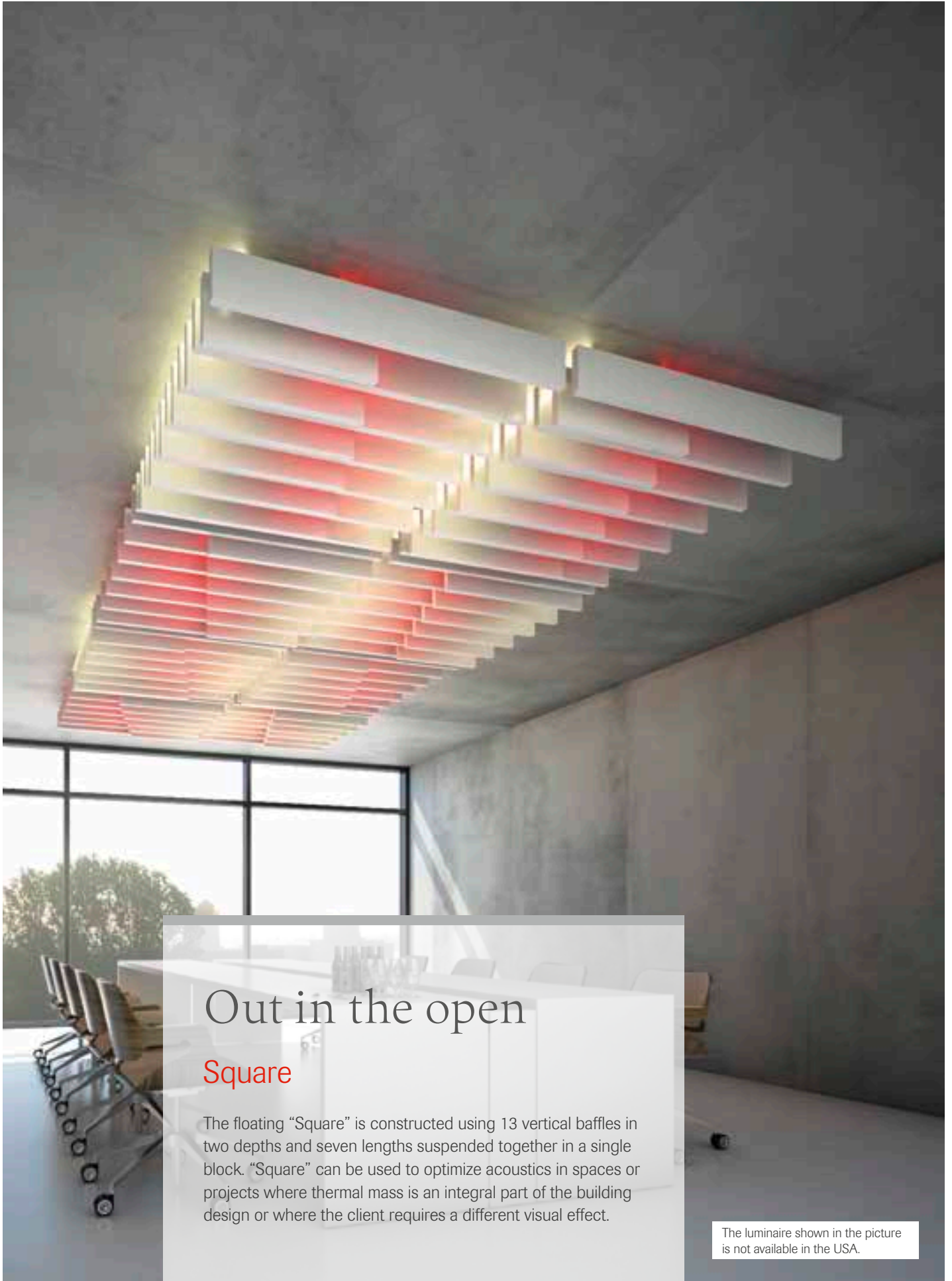


OWAline 9/16

(see page 79 for detailed information)

Possible dimensions and edges

Module size in inches	RE bolt-slot
16" / 8" x 48"	
24" x 48"	

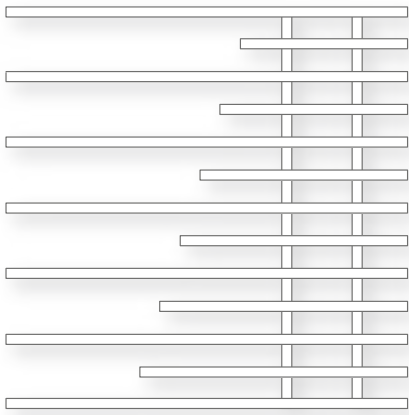



Out in the open

Square

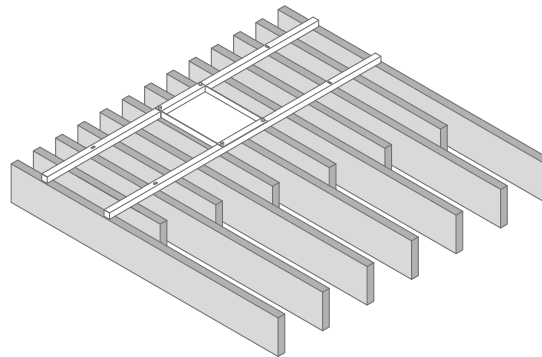
The floating “Square” is constructed using 13 vertical baffles in two depths and seven lengths suspended together in a single block. “Square” can be used to optimize acoustics in spaces or projects where thermal mass is an integral part of the building design or where the client requires a different visual effect.

The luminaire shown in the picture is not available in the USA.



ASTM E 1264 Classification	Type IV, form 2, pattern E
Reaction to fire	CAN/ULC-S102 (ASTM E 84) Class A (ASTM E 1264)
Light reflection	Approx. 87 (ASTM E 1477)
Dimensions	Height: 6", 8" nom. Dimension: approx. 48" x 48" nom.
Thickness (inches)	1 1/8" nom.
Sound absorption	15.5 avg. Sabin / unit [sqft]
Humidity resistance	 up to 95 % RH

Square



Square – construction package

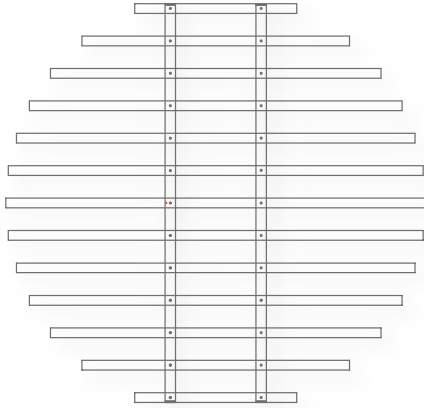
Product/component description	Units/pack	Part no.	Del. Cat.
Square profile 1" x 1" x 0,08", length: approx. 48", color: white, fully assembled with connector bar	2 pieces	00079587	E
Connector bar 12" x 8" nom. x 0,04", white	1 piece		
Spacer sleeve 1/4" x 1" nom., white, for direct installation	4 pieces		
Fixing plug, diameter: 1/2" nom., white, for square profile keyholes	26 pieces		
Threaded sleeve 1/4" x 1" nom., for suspended installation	4 pieces		
1/4" x 5/8", zinc galvanized, for suspended installation	4 pieces		



Every Cloud has a silver lining

Cloud

Cloud baffle kits are available in two versions, Cloud 150 and Cloud 200. They each comprise a set number of vertical baffles suspended together to form a simple, round shape on the ceiling. When installed together they can be overlapped, allowing you to create a Cloud formation. When used in projects utilizing thermal mass they can also be a major contributor to the acoustic comfort of the internal environment.



ASTM E 1264 Classification

Type IV, form 2, pattern E

Reaction to fire

CAN/ULC-S102
(ASTM E 84) | Class A (ASTM E 1264)

Light reflection

Approx. 87 (ASTM E 1477)

Dimensions

Cloud 150: height = 6" | diametre = approx. 51"
Cloud 200: height = 8" | diametre = approx. 51"

Thickness (inches)

1 1/8" nom.

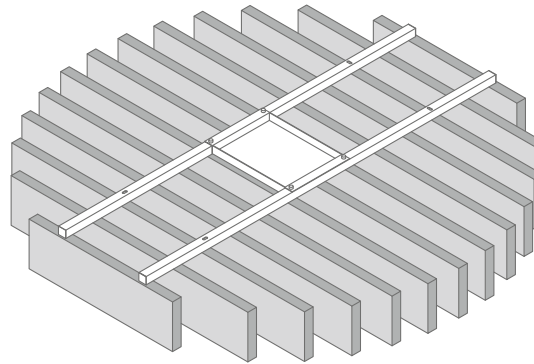
Sound absorption

Cloud 150: 15.8 avg. Sabin/unit [sqft]
Cloud 200: 19 avg. Sabin/unit [sqft]

Humidity resistance

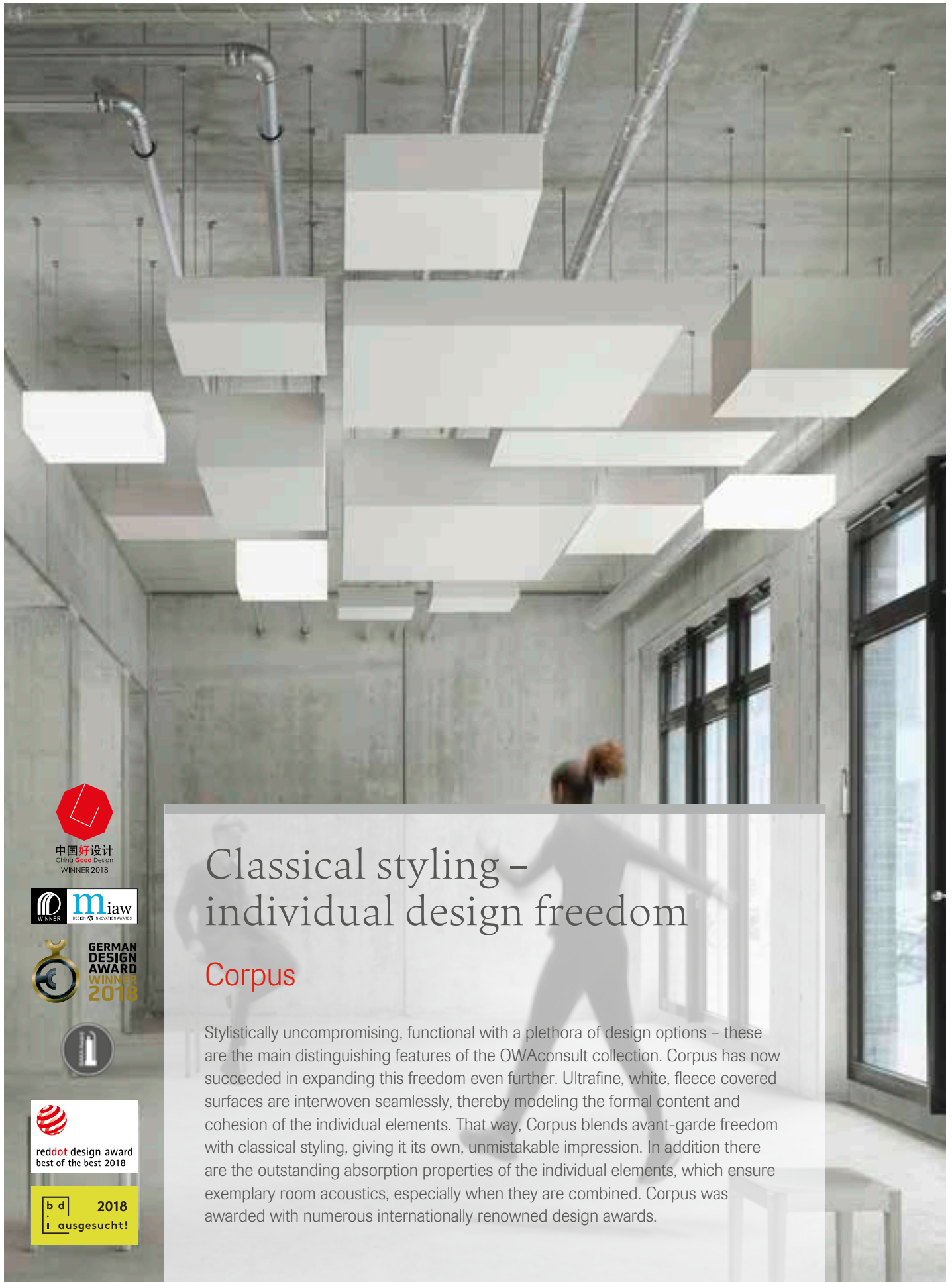
 up to 95 % RH

Cloud



Cloud – construction package

Product/component description	Units/pack	Part no.	Del. Cat.
Square profile 1" x 1" nom. x 0,08", length: approx. 48", color: white, fully assembled with connector bar	2 pieces		
Connector bar 12" x 8" nom. x 0,04", white	1 piece		
Spacer sleeve 1/4" x 1" nom., white, for direct installation	4 pieces		
Fixing plug, diameter 1/2" nom., white, for square profile keyholes	26 pieces	00079587	E
Threaded sleeve 1/4" x 1" nom., for suspended installation	4 pieces		
1/4" x 5/8", zinc galvanized, for suspended installation	4 pieces		



中国好设计
China Good Design
WINNER 2018



Classical styling – individual design freedom

Corpus

Stylistically uncompromising, functional with a plethora of design options – these are the main distinguishing features of the OWAconsult collection. Corpus has now succeeded in expanding this freedom even further. Ultrafine, white, fleece covered surfaces are interwoven seamlessly, thereby modeling the formal content and cohesion of the individual elements. That way, Corpus blends avant-garde freedom with classical styling, giving it its own, unmistakable impression. In addition there are the outstanding absorption properties of the individual elements, which ensure exemplary room acoustics, especially when they are combined. Corpus was awarded with numerous internationally renowned design awards.



ASTM E 1264 Classification

Type IV, form 3, pattern E

Reaction to fire

(ASTM E 84) | Class A (ASTM E 1264)

Dimensions

See below mentioned dimensions

Sound absorption

On request

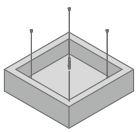
Humidity resistance

 up to 90 % RH

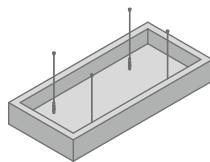
Corpus



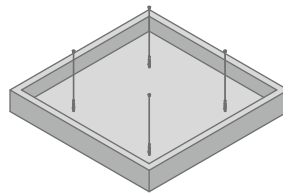
Corpus S1



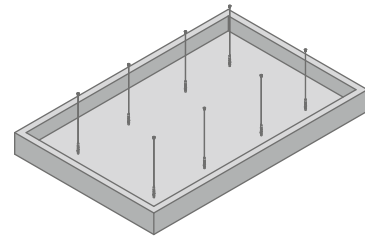
Corpus M1



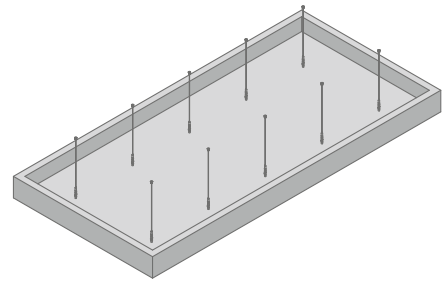
Corpus L1



Corpus XL1



Corpus XXL1



- Corpus S1 height 6", dimension 20.5" x 20.5"
- Corpus S2 height 12", dimension 20.5" x 20.5"
- Corpus M1 height 6", dimension 20.5" x 44"
- Corpus M2 height 12", dimension 20.5" x 44"
- Corpus L1 height 6", dimension 44" x 44"
- Corpus L2 height 12", dimension 44" x 44"
- Corpus XL1 height 6", dimension 44" x 68"
- Corpus XL2 height 12", dimension 44" x 68"
- Corpus XXL1 height 6", dimension 44" x 92,5"
- Corpus XXL2 height 12" dimension 44" x 92,5"

Fitting set for ceiling installation

Component description	Part no.	
Corpus S1		
Corpus S2		
Corpus M1		
Corpus M2	Corpus set 1: 1 x fitting set contains 4 pieces of wire ropes, length: 1500 mm, stair bolt with rope-quick adjuster, ceiling fastener with internal thread M6; per canopy one fitting set Corpus 1 is necessary	00082764
Corpus L1		
Corpus L2		
Corpus XL1		
Corpus XL2	Corpus set 2: 2 x fitting set contains 4 pieces of wire ropes, length: 1500 mm, stair bolt with rope-quick adjuster, ceiling fastener with internal thread M6; per canopy one fitting set Corpus 2 is necessary	00082764
Corpus XXL1		
Corpus XXL2	Corpus set 3: 1 x fitting set no. 00082764 and 1 x fitting set no. 00082763, containing 4 resp. 6 pieces of wire ropes, length: 1500 mm, stair bolt with rope-quick adjuster, ceiling fastener with internal thread M6; per canopy one fitting set Corpus 3 is necessary	00082764 00082763



The art of light



OWAlight

Integrated into special OWAline 9/16 cross tees, OWAlights are installed as part of the standard ceiling grid and can appear or disappear at the flick of a switch. Available in 48" or 24" lengths they are invisible when turned off, but turned on, they can be used to illuminate, emphasize and produce a totally different ambience for the room. With UL-certification it is suited for the US-market.



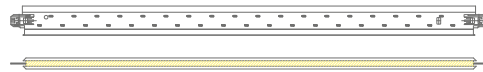
OWAlight

OWAlight 1 Profile length 2' (610 mm), 2' (610 mm) illuminate, 12 W

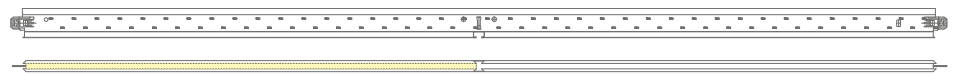
OWAlight 2 Profile length 4' (1220 mm), 2' (610 mm) illuminate, 12 W

OWAlight 3 Profile length 4' (1220 mm), 4' (1220 mm) illuminate, 24 W

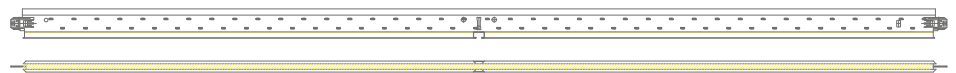
OWAlight 3a Profile length 4' (1220 mm), 4' (1220 mm) illuminate, no slot in center, 24 W



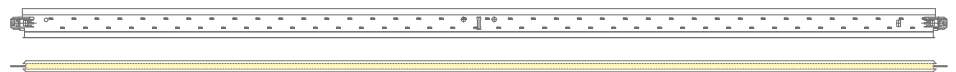
OWAlight 1



OWAlight 2



OWAlight 3



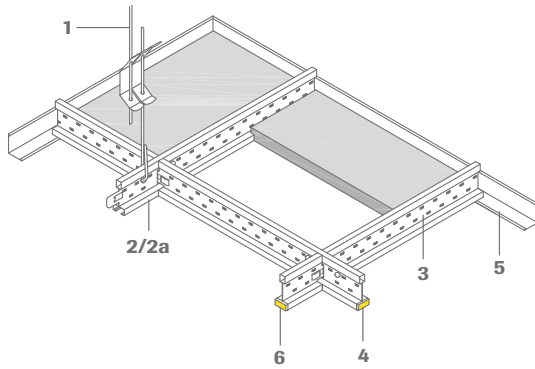
OWAlight 3a

	Name	Dimensions/surface
6	OWAlight 1	LED profile, cross tee, length: 2' (610 mm), height: 38 mm, width: 14.3 mm, white exterior, interior: LED profile illuminated over a length of 2' (610 mm), profiles delivered ready to plug in, cable length 6'7" (2000 mm)
4	OWAlight 2	LED profile, cross tee, length: 4' (1220 mm), height: 38 mm, width: 14.3 mm, white exterior, with central slot, interior: LED profile illuminated over a length of 2' (610 mm), profiles delivered ready to plug in, cable length 6'7" (2000 mm)
4	OWAlight 3	LED profile, cross tee, length: 4' (1220 mm), height: 38 mm, width: 14.3 mm, white exterior, with central slot, interior: LED profile illuminated over a length of 4' (1220 mm), profiles delivered ready to plug in, cable length 6'7" (2000 mm)
4	OWAlight 3a	LED profile, cross tee, length: 4' (1220 mm), height: 38 mm, width: 14.3 mm, white exterior, without central slot, interior: LED profile illuminated over a length of 4' (1220 mm), profiles delivered ready to plug in, cable length 6'7" (2000 mm)
		Extension cable with plug and socket, length: 6' 7" (2000 mm)
		Connection cable with socket, length 2' (600 mm)
		Distributor T-shape

Relevant suspension system



OWAlight 9/16

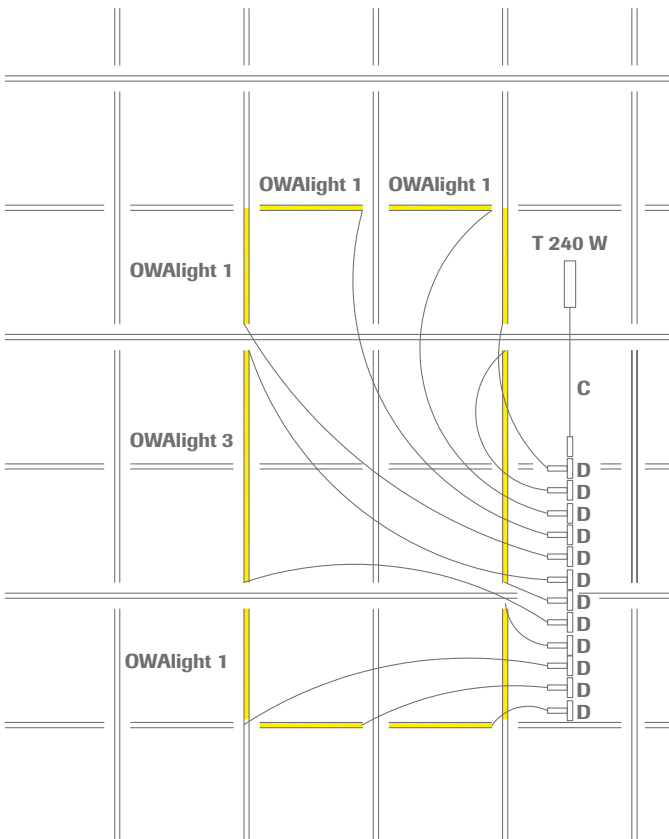


- 1 Hanger no. 12/30/2
- 2 Main tee no. 3500, press cuts at 2' (610 mm)
- 2a Main tee no. 3501, press cuts at 4' (1220 mm)
- 3 Cross tee no. 3512
- 4 OWAlight 2, OWAlight 3 or OWAlight 3a
- 5 Wall angle no. 51/32G or Wall angle no. 1456 (configuration with full tiles)
- 6 OWAlight 1

Also see system leaflet S 15b OWAlinie e.



OWAlight | Installation examples



- C** = Connection cable 1 pce
- D** = Distributor T-shape 12 pcs
- T** = Transformer (purchased on-site) 1 pce

- 4 x OWAlight 1, power 12 W/LED-stripe = 48 W
- 4 x OWAlight 2, power 12 W/LED-stripe = 48 W
- 2 x OWAlight 3, power 24 W/LED-stripe = 48 W
- + 10 % buffer = 15 W

Required power 159 W

Please use one piece of 240 watts transformer.



The OWAlight LED profiles are installed in the OWAline 9/16 system instead of cross tees no. 3514, no. 3524 and/or no. 3512. This lets you form square light frames in the ceiling grid. You can also install individual LED profiles in parallel or in staggered patterns. Light rails are delivered ready to plug in and are easily connected via connection cable and distributor T-shape to the transformer. Long bridging between distributor T-shape and light rail can be realised with an extension cable, length 6' 7" (2000 mm).



Distributor T-shape



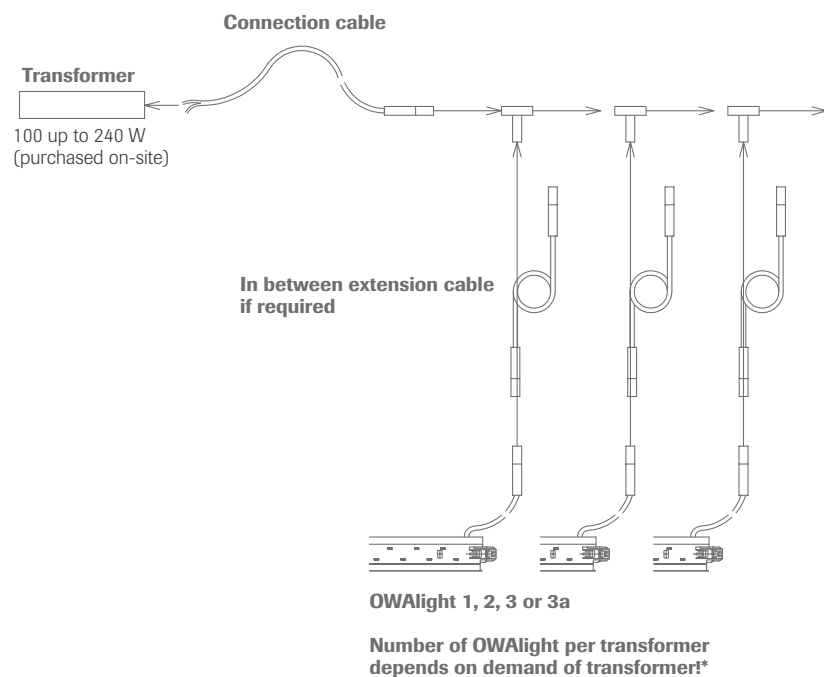
Connection cable, length 2' (600 mm)



Extension cable, length 6' 7" (2000 mm)

On request, our consulting service can provide lighting calculations, layout plans, and quantity calculations for OWAlight (300,- € depending on expendingture). Light colour neutral white (4000 K).

Connection diagram OWAlight UL



* Number of OWAlight per transformer:

100 W transformer
6 pcs. OWAlight 1, 2
3 pcs. OWAlight 3, 3a

240 W transformer
17 pcs. OWAlight 1, 2
8 pcs. OWAlight 3, 3a

Installation should be carried out in accordance with the information contained in the OWA installation guide.



Accept no limits!

OWAplan

A combination of acoustic performance and a monolithic finish in one ceiling system: OWAplan S 7. Restaurants, entrance halls, museums, shopping malls, hotel foyers and even private houses - areas where technical performance can be as critical as the need for an elegant, minimalistic appearance. OWAplan has a reaction to fire classification (EN13501-1) of "A2-s1, d0" so can be used in public buildings, walkways and corridors. As well as complete ceilings it can also be used to create plain margins around the perimeter in areas where modular suspended ceiling are installed.



OWAplan

ASTM E 1264 Classification Type IV, form 2, pattern E

Reaction to fire A2-s1,d0 (EN 13501-1)

Dimensions 47 1/4" x 94 1/2"

Sound absorption On request

Humidity resistance  up to 95 % RH



Relevant suspension system



S 7

(see page 80 for detailed information)

Possible dimensions and edges

**Module size
in inches**

SQ

47 1/4" x 94 1/2"

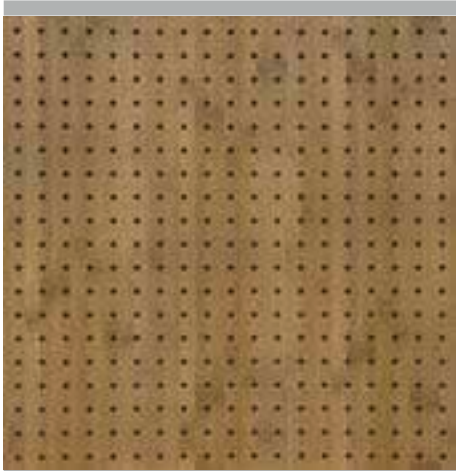







Acoustics and natural designs

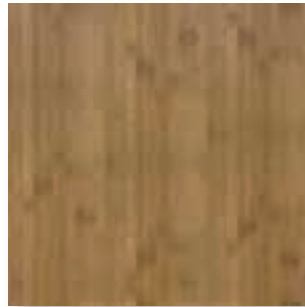
Bamboo

Using the natural design of Bamboo, we have created a ceiling with soft, wood tones and high levels of sound absorption. Together they provide a soothing and elegant environment.

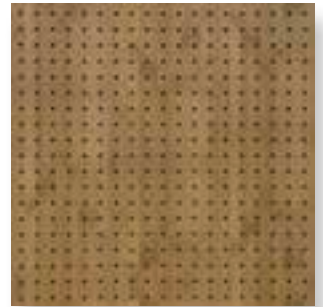


Surface example Bamboo dark | Regular Perforated

ASTM E 1264 Classification	Type III, form 2, pattern AH (Regular Perforated) Type III, form 2, pattern EH (Plain)
Reaction to fire	(ASTM E 84) Class A (ASTM E 1264)
Dimensions	24" x 24"
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.10 (Plain)  NRC = 0.55 (Regular Perforated)
Humidity resistance	 up to 95 % RH



Bamboo dark Plain



Bamboo dark Regular Perforated

Relevant suspension system



OWAline 9/16

(see page 79 for detailed information)

Possible dimensions and edges

Module size in inches

24" x 24"

RE bolt-slot





Cool design – Great acoustics



Opus

Concrete has its unique place in interior design, as well as construction. Its biggest drawback as an interior finish is its lack of sound absorption. The in-house OWAconsult design team took the visual concept and created Opus, a semi-concealed grid mineral tile that replicates the surface appearance of concrete and provides great sound absorption.





Opus

ASTM E 1264 Classification	Type III, form 2, pattern C H
Reaction to fire	(ASTM E 84) Class A (ASTM E 1264)
Dimensions	24" x 24", 24" x 48"
Thickness (inches)	5/8" nom.
Sound absorption	 NRC = 0.75
Humidity resistance	 up to 95 % RH





Relevant suspension system

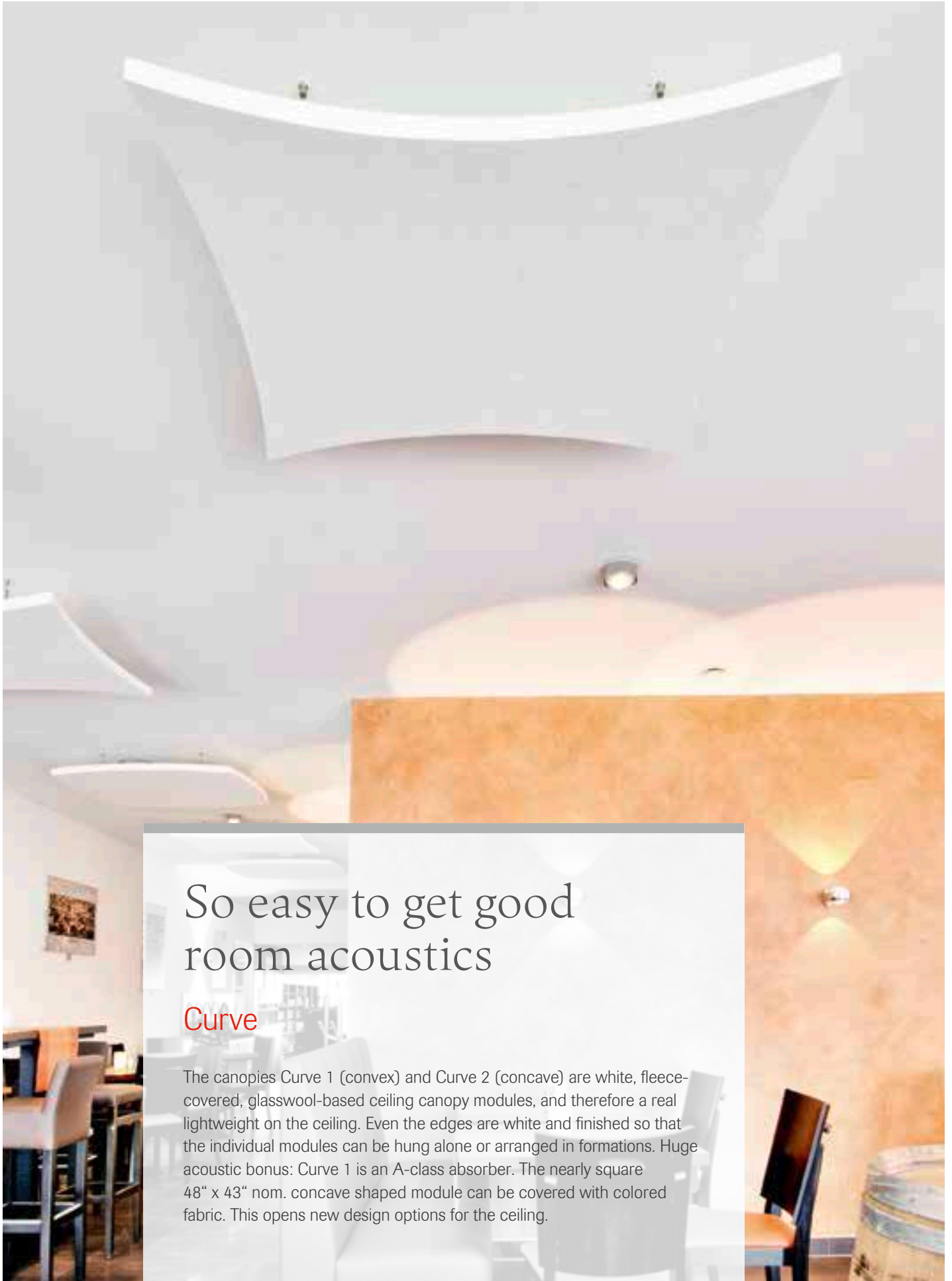


OWAline 9/16

(see page 79 for detailed information)

Possible dimensions and edges

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



So easy to get good room acoustics

Curve

The canopies Curve 1 (convex) and Curve 2 (concave) are white, fleece-covered, glasswool-based ceiling canopy modules, and therefore a real lightweight on the ceiling. Even the edges are white and finished so that the individual modules can be hung alone or arranged in formations. Huge acoustic bonus: Curve 1 is an A-class absorber. The nearly square 48" x 43" nom. concave shaped module can be covered with colored fabric. This opens new design options for the ceiling.



Curve

ASTM E 1264 Classification

Type IV, form 3, pattern E

Reaction to fire

Fleece: (ASTM E 84) | Class A (ASTM E 1264)
Fabric: (ASTM E 84) | Class B (ASTM E 1264)

Visible side

Fleece, white or colored fabric

Edges

Fleece, white or colored fabric

Dimensions

Curve 1: 39" x 48" nom.
Curve 2: 36" x 43" nom.

Thickness (inches)

1 5/8"

Sound absorption

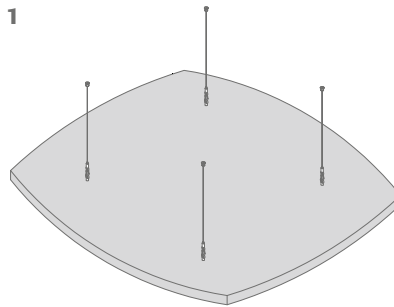
Curve 1: 18.3 avg. Sabin / unit [sqft]
Curve 2: 13.1 avg. Sabin / unit [sqft]

Humidity resistance

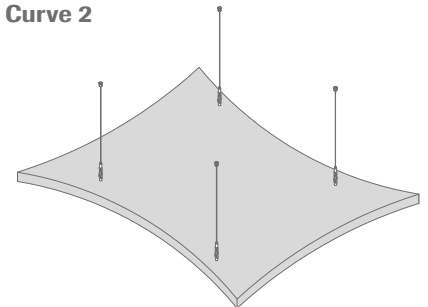
 up to 90 % RH



Curve 1



Curve 2



Fitting set for ceiling installation

Component description	Part no.
Fitting set contains 4 pieces of wire ropes, length: 1500 mm, stair bolt with rope-quick adjuster, fixture of ceiling M6	00082764

Please order one fitting set per canopy.

Fitting set for wall installation

Component description	Part no.
Wall installation set of 4 pieces one set includes 4 pieces of wall claws	00073602

Please order one fitting set per wall absorber.



Geometry of the exclusive

Selecta

Do you combine form consciousness with high acoustic demands on your working environment? If so, then go for Selecta, an exclusive series made of light glasswool absorbers in the A-class format. You can choose from six striking basic forms with white underside views. They can be freely combined for highly expressive geometries. The fleece-lined ceiling canopies, measuring up to 48" x 96", are suspended with ceiling attachments and cables up to 5' in length and open up countless options for creative acoustic solutions beneath almost any structure.



ASTM E 1264 Classification

Reaction to fire

Visible side

Edges

Dimensions

Thickness (inches)

Sound absorption

Type IV, form 3, pattern E

Fleece: (ASTM E 84) | Class A (ASTM E 1264)

Fabric: (ASTM E 84) | Class B (ASTM E 1264)

Fleece, white or colored fabric

Fleece, white or colored fabric

See below dimensions

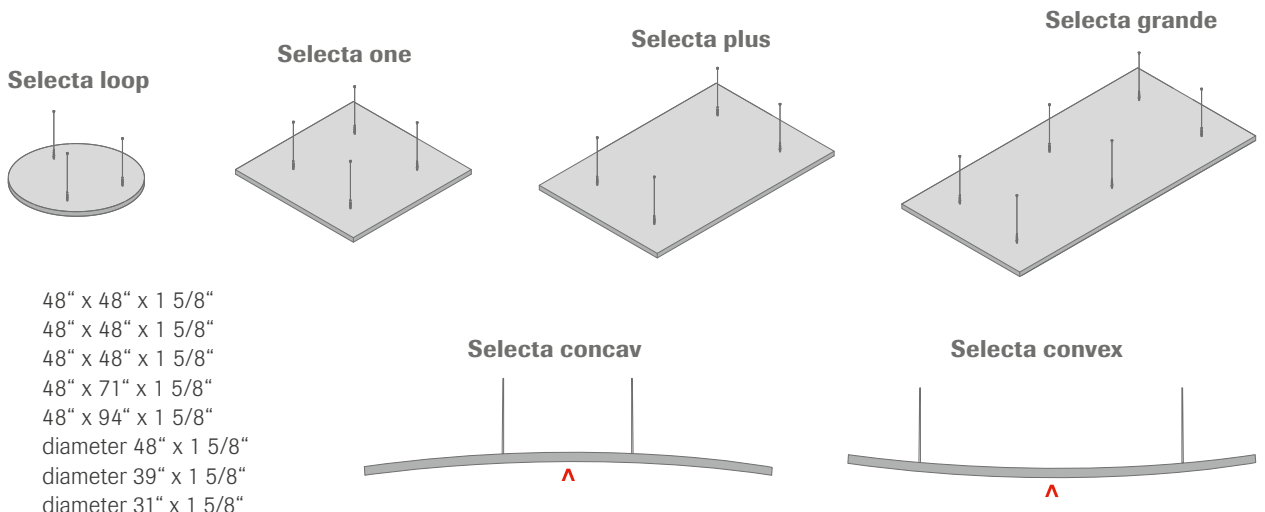
1 5/8"

Selecta one:	21.6 avg. Sabin / unit [sqft]
Selecta concav/convex:	on request
Selecta plus:	30.8 avg. Sabin / unit [sqft]
Selecta grande:	38.7 avg. Sabin / unit [sqft]
Selecta loop 31":	8.8 avg. Sabin / unit [sqft]
Selecta loop 39":	on request
Selecta loop 48":	17.9 avg. Sabin / unit [sqft]

Humidity resistance



Selecta



Selecta one:	48" x 48" x 1 5/8"
Selecta concav:	48" x 48" x 1 5/8"
Selecta convex:	48" x 48" x 1 5/8"
Selecta plus:	48" x 71" x 1 5/8"
Selecta grande:	48" x 94" x 1 5/8"
Selecta loop:	diameter 48" x 1 5/8"
Selecta loop:	diameter 39" x 1 5/8"
Selecta loop:	diameter 31" x 1 5/8"

Fitting set for ceiling installation

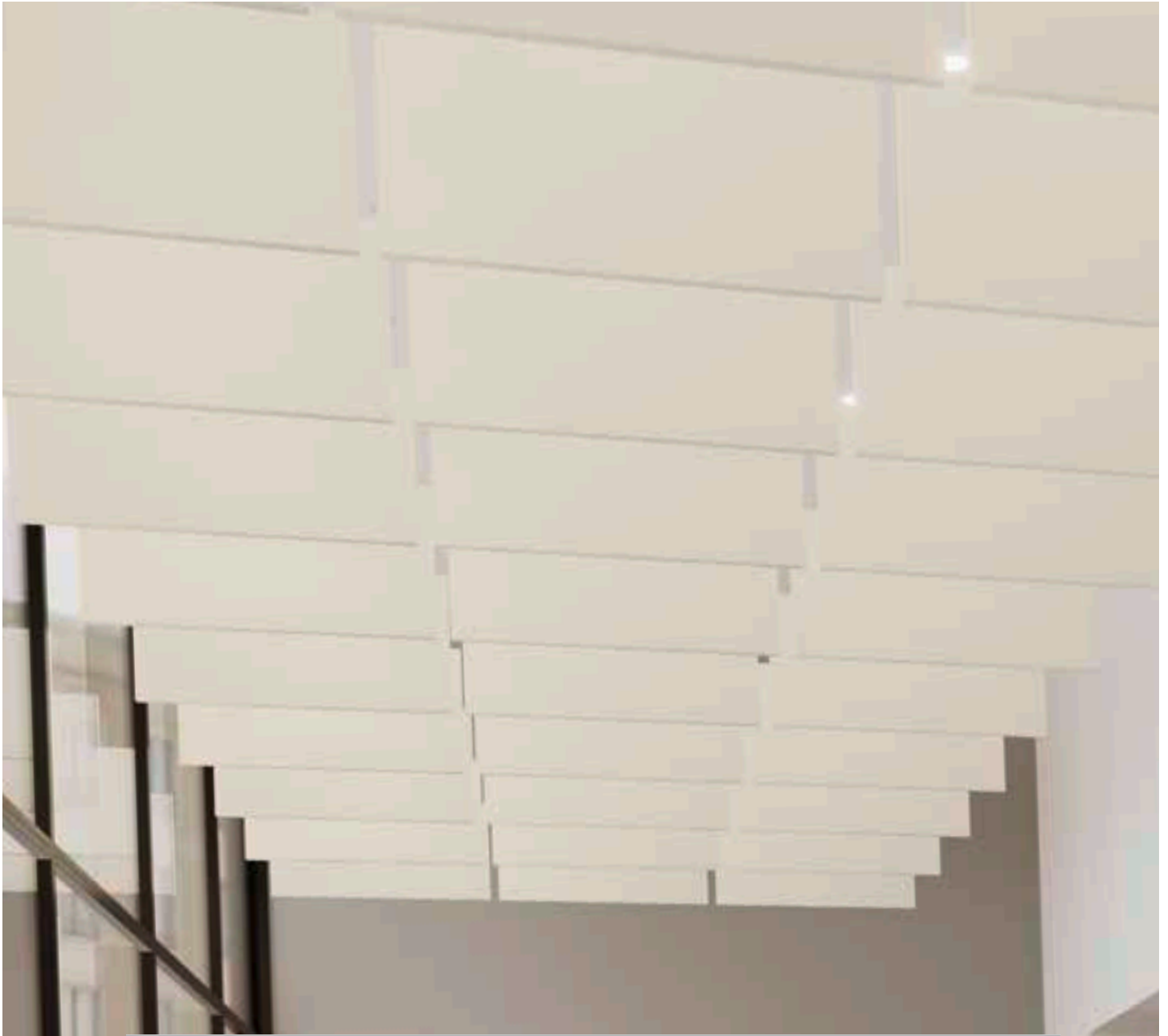
	Component description	Part no.
Selecta one, concav, convex, plus	Fitting set contains 4 pieces of wire ropes, 1500 mm, stair bolt with rope-quick adjuster, fixture of ceiling M6	00082764
Selecta grande	Fitting set contains 6 pieces of wire ropes, 1500 mm, stair bolt with rope-quick adjuster, fixture of ceiling M6	00082763
Selecta loop	Fitting set contains 3 pieces of wire ropes, 1500 mm, stair bolt with rope-quick adjuster, fixture of ceiling M6	00082762

Please order one fitting set per canopy.

Fitting set for wall installation

	Component description	Part no.
Wall installation set of 4	One set includes 4 wall claws (for Selecta one and plus)	00073602
Wall installation set of 6	One set includes 6 wall claws (for Selecta grande and for 2 pieces of Selecta loop)	00073603

Please order one fitting set per wall absorber.

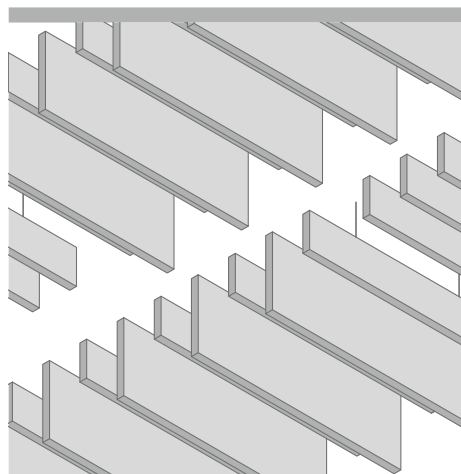


Acoustic, design and color.
Feel free to create your own style.


FreeStyle baffles

FreeStyle – it connects creative impetus with the readiness to tread new paths and combines the need to set your own accents with an open, spacious sense of style. Baffles and wall absorbers from the OWA FreeStyle series transport this feeling into the spatial realm. The combination possibilities are simply inexhaustible with the extra dimensions of horizontal, vertical or even trapezoidal planes. FreeStyle baffles can be utilized either with an adjustable suspension hanging from thin wires or installed in the S 3 system.

FreeStyle baffles

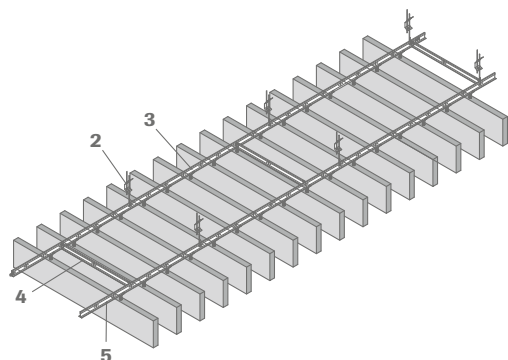


FreeStyle baffles

ASTM E 1264 Classification	Type IV, form 3, pattern E
Reaction to fire	Fleece: (ASTM E 84) Class A (ASTM E 1264) Fabric: (ASTM E 84) Class B (ASTM E 1264)
Visible side	Fleece, white or colored fabric
Edges	Fleece, white or colored fabric
Dimensions	8" / 16" / 24" x 48"
Thickness (inches)	1 5/8"
Sound absorption	On request
Humidity resistance	 up to 90 % RH

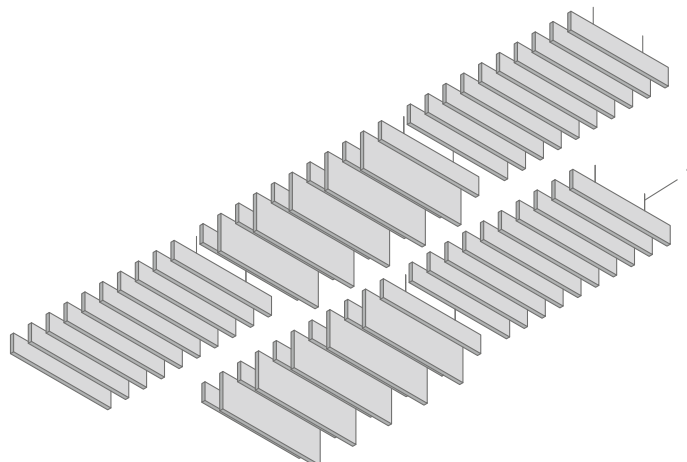


FreeStyle baffles – System S 3



FreeStyle S: 8" x 48" x 1 5/8"
 FreeStyle M: 16" x 48" x 1 5/8"
 FreeStyle L: 24" x 48" x 1 5/8"

FreeStyle baffles – Wire suspension



Fitting set for wire suspension

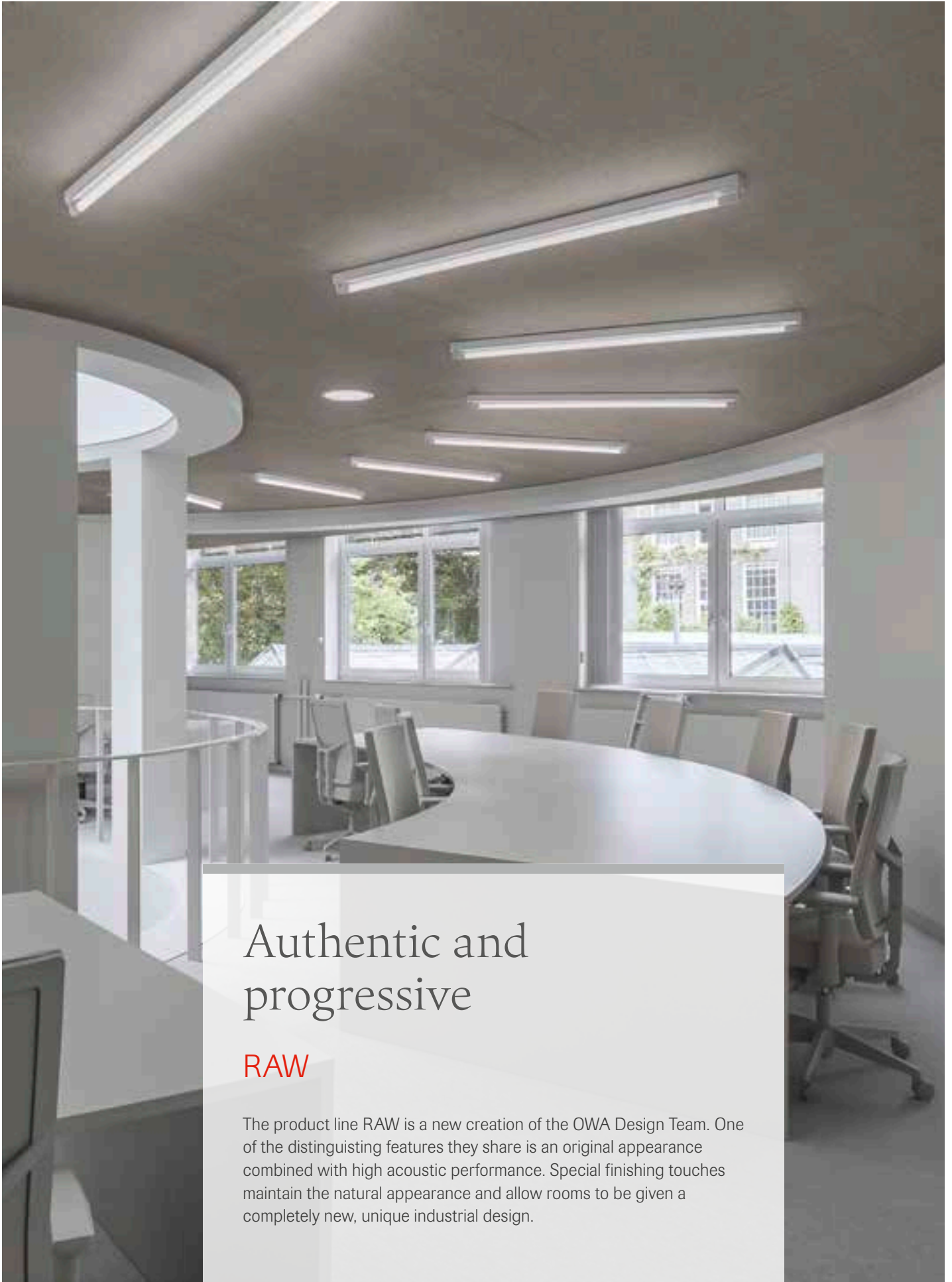
Component description/dimension	Part no.
1 Fitting set contains: 2 pcs. of wire rope (length 1500 mm), stair bolt with rope-quick adjuster, M6 ceiling fixing	00082765

Please order one fitting set per baffle.

Fitting set with System S 3

Product no.	Product/component description	Part no.	Units/pack
2 12/.../2	Adjustable hanger with double tension spring diameter: 0.16", maximum load: 0,25 KN, max. range of extension: 11" a wire overhang of at least 5/8" must be provided Axial distance of the hangers according to the height of baffles and the combination of baffles		100 pieces
3 45	Main tee, height: 1 1/2", width: 15/16", length: 148", visible side: white		25 pieces
4 46	Cross tee, height: 1 1/4", width: 15/16", length: 25", visible side: white, distance: < 1562.5 mm		75 pieces
5	Fitting set for system S 3 contains: 2 pcs. fastening clips (incl. hanger brackets) and 2 pcs. stair bolts (incl. head geometry for hanger bracket)	00082766	2 pieces

Please order one fitting set per baffle.




Authentic and progressive

RAW

The product line RAW is a new creation of the OWA Design Team. One of the distinguishing features they share is an original appearance combined with high acoustic performance. Special finishing touches maintain the natural appearance and allow rooms to be given a completely new, unique industrial design.



Surface example RAW structure

ASTM E 1264 Classification	ASTM Type III, Form 2, Pattern E (grey clay) ASTM Type III, Form 2, Pattern CD (structure)
Reaction to fire	CAN/ULC-S102 (ASTM E 84) Class A (ASTM E 1264)
Dimensions	48" x 94"
Thickness (inches)	3/4" nom.
Sound absorption	On request
Humidity resistance	 up to 95 % RH



RAW clay



RAW grey



RAW structure

Relevant suspension system



S 7

(see page 80 for detailed information)

Possible dimensions and edges

Module size
in inches

SQ

48" x 94"







Suspension grids

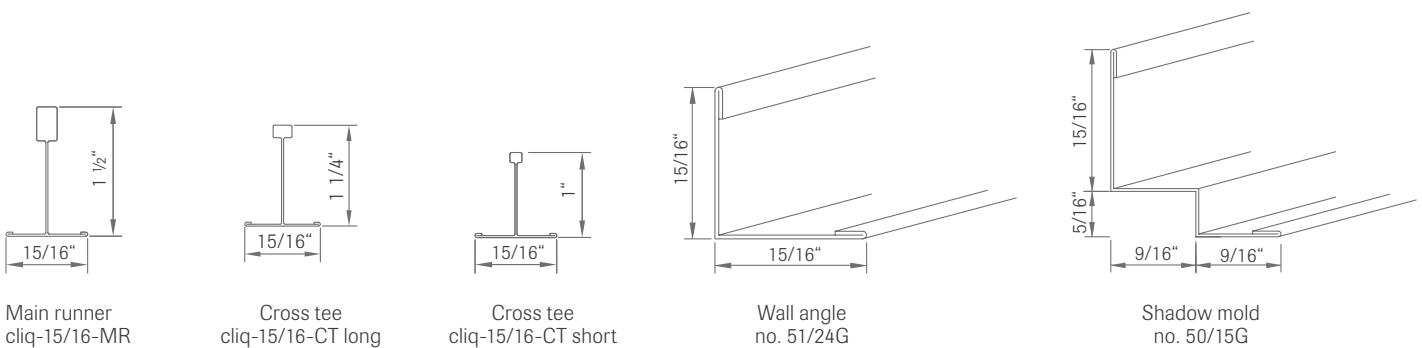
OWAconstruct

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

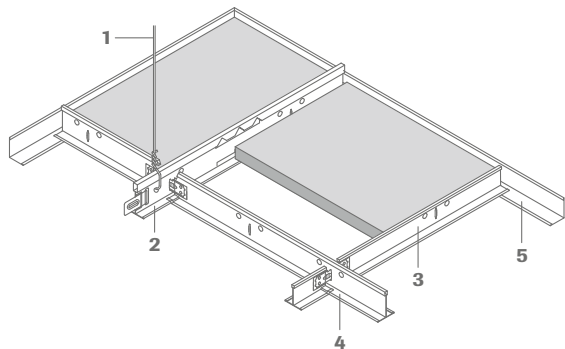
These economical 15/16" systems interface perfectly with standard building components such as lighting and air diffusers. The cliq cross tees feature override ends and staked-on clip connections meeting the E-580 compression and tension tests.



OWAcliq 15/16

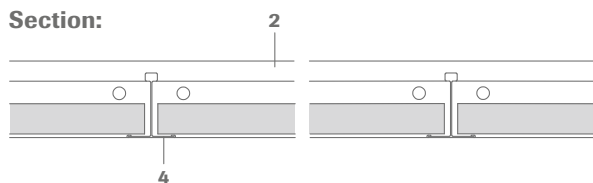
	Description/rating per ASTM C-635	Pcs/ ctn	LF/ ctn	Weight/ ctn	Ctns/ pallet
cliq-15/16-MR	12' main runner, (Cliq system), 15/16", white	20	240	63	48
cliq-15/16-CT	4' cross tee, 15/16", cliq end, white	60	240	55	48
cliq-15/16-CT	2' cross tee, 15/16", cliq end, white	60	120	28	48
51/24G	12' wall angle, 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

S 3 cliq

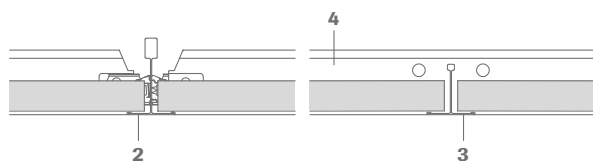


- 1 Wire (by client)
- 2 Main tee cliq-15/16-MR, slotted every 6"
- 3 Main tee cliq-15/16-CT, length 2'
- 4 Main tee cliq-15/16-CT, length 4'
- 5 Wall angle no. 51/24G
- 6 Shadow wall angle no. 50/15G
- 7 Contura block no. 42/24

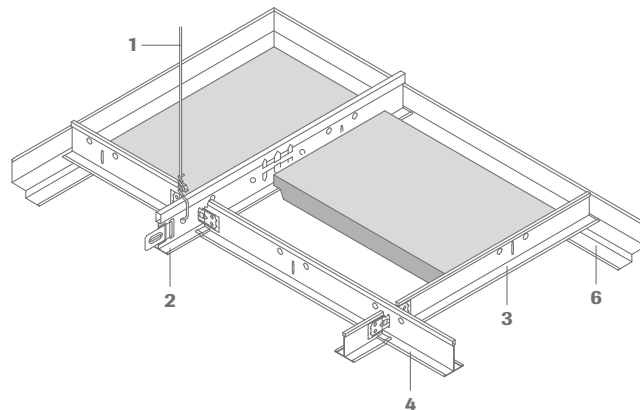
Section:



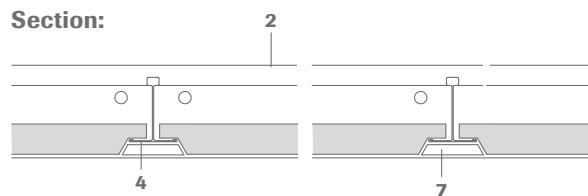
Cross section:



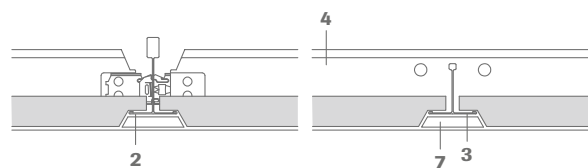
S 3a cliq



Section:



Cross section:



Technical data

Dimensions

Module sizes: 24" x 24", 24" x 48"

Edge detail

SQ



RE 15/16



Reaction to fire

OWAacoustic premium tiles: (ASTM E 84) | class A (ASTM E 1264)
OWAconstruct suspension parts: (ASTM E 84) | class A (ASTM E 1264)

Metal suspension

All metal components listed are galvanized steel or white coated galvanized steel respectively.

Suspension depth

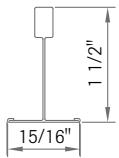
3" - 4" (depending on the existing structural ceiling) for ease of panel removal 5" is recommended

OWA Premium 15/16 | exposed, demountable

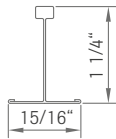
OWAcliq systems are designed and manufactured to provide installers and building owners with strong, tight, long-lasting acoustical ceiling suspension.

OWA Premium 15/16

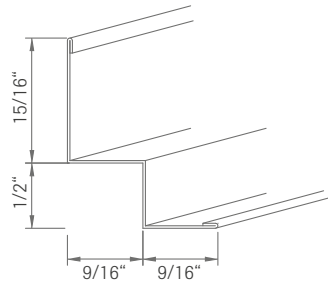
These economical 15/16" systems interface perfectly with standard building components such as lighting and air diffusers. The cross tees feature override ends and staked-on clip connections meeting the E-580 compression and tension tests.



Main runner no. 45



Cross tee no. 47
Cross tee no. 46



Shadow mold no. 50/19

OWAcliq 15/16

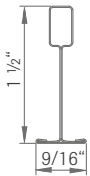
	Description/rating per ASTM C-635	Pcs/ctn	LF/ctn
45	12' main runner, (hook-on system), 15/16", white	25	300
46	2' cross tee, 15/16", hook end, white	75	150
47	4' cross tee, 15/16", hook end, white	50	100
50/19	10' shadow mold, 15/16" x 9/16" x 1/2" x 9/16", white	15	150



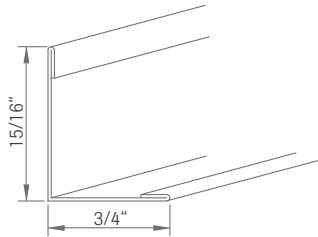
OWAcliq 9/16 | exposed, demountable

OWAcliq 9/16

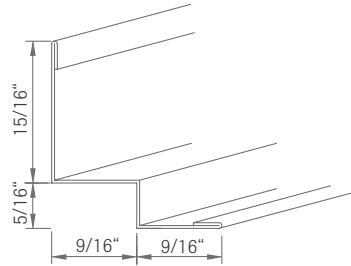
The narrow 9/16" face of this grid diminishes the effect of the grid module while still providing a landing plane for lighting and air diffusers. Cliq end cross tees provide override ends with staked-on clip connections. Hook end cross tees feature butt ends which are ideal for installing concealed systems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



Main runner cliq-9/16-MR
Cross tee cliq-9/16-CT



Wall angle no. 50G

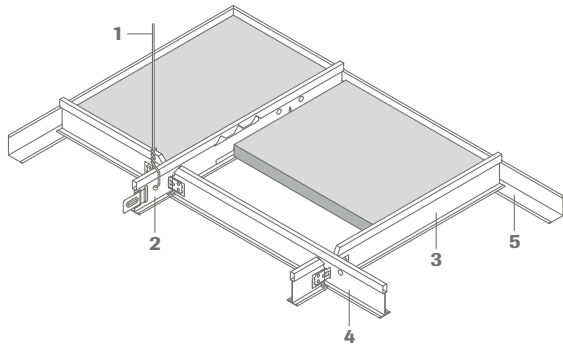


Shadow mold no. 50/15G

OWAcliq 9/16

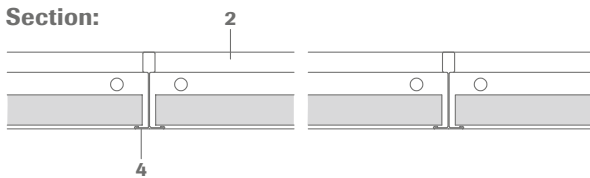
	Description/rating per ASTM C-635	Pcs/ ctn	LF/ ctn	Weight/ ctn	Ctns/ pallet
cliq-9/16-MR	12' main runner, (Cliq system), 9/16", white	20	240	31	48
cliq-9/16-CT	4' cross tee, 9/16", cliq end, white	60	240	31	48
cliq-9/16-CT	2' cross tee, 9/16", cliq end, white	60	120	22	48
50G	12' wall angle 3/4" x 15/16",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

S 15 cliq

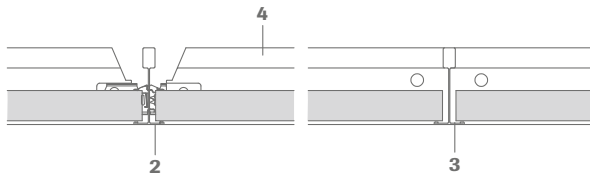


- 1 Wire (by client)
- 2 Main runner cliq-15/16-MR, slotted every 6"
- 3 Main tee cliq-15-CT, length 2'
- 4 Main tee cliq-15-CT, length 4'
- 5 Wall angle no. 50G
- 6 Shadow wall angle no. 50/15G
- 7 Contura block no. 42/15

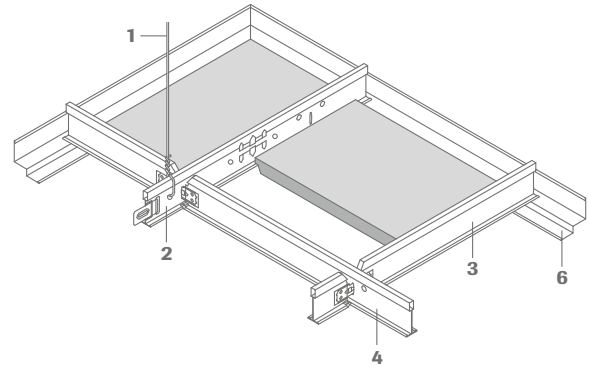
Section:



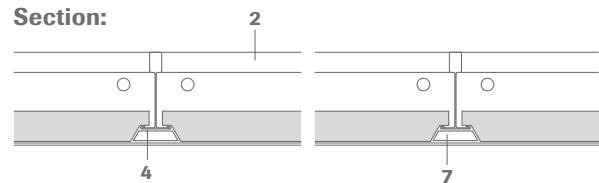
Cross section:



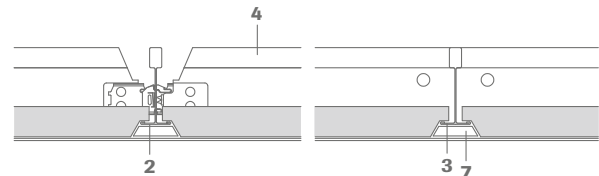
S 15a cliq



Section:



Cross section:



Technical data

Dimensions

Module sizes: 24" x 24", 24" x 48"

Edge detail

SQ



RE 15/16



Reaction to fire

OWAacoustic premium tiles: (ASTM E 84) | class A (ASTM E 1264)
OWAconstruct suspension parts: (ASTM E 84) | class A (ASTM E 1264)

Metal suspension

All metal components listed are galvanized steel or white coated galvanized steel respectively.

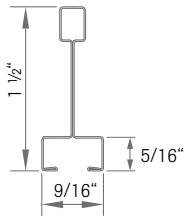
Suspension depth

3" - 4" (depending on the existing structural ceiling) for ease of panel removal 5" is recommended

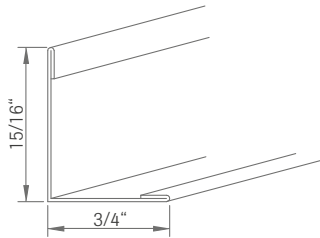
OWAline 9/16 | exposed, demountable

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.



Main runner no. 3500
Cross tee no. 3512, 3514, 3524

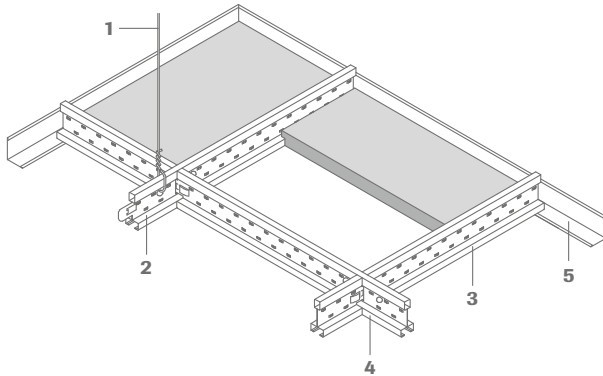


Wall angle no. 50G

OWAline 9/16

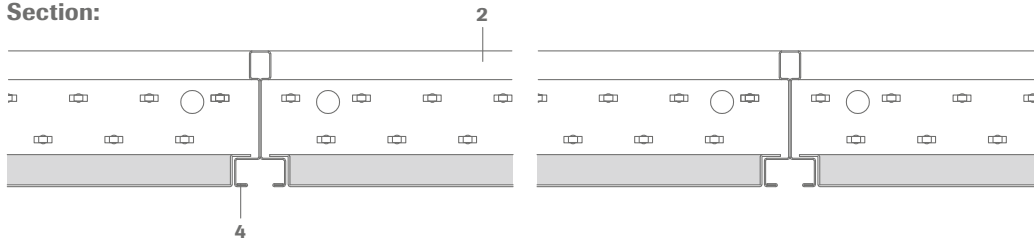
	Description/rating per ASTM C-635	Pcs/ ctn	LF/ ctn	Weight/ ctn	Ctns/ pallet
3500	12' main runner, 9/16", slotted, white / white	20	240	46	63
3514	4' cross tee, 9/16", slotted, white / white, notched two sides	60	240	46	90
3524	4' cross tee, 9/16", slotted, white / white, no notches	60	240	46	90
3512	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
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

OWAline 9/16

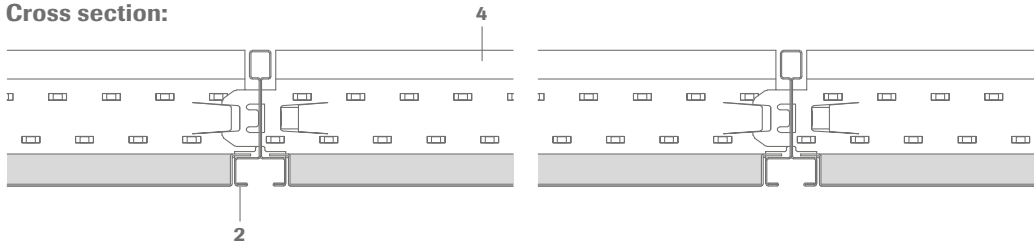


- 1 Wire (by client)
- 2 Main runner no. 3500, slotted
- 3 Main tee no. 3512, length 2'
- 4 Main tee no. 3514, length 4'
- 5 Wall angle no. 50G


Section:



Cross section:

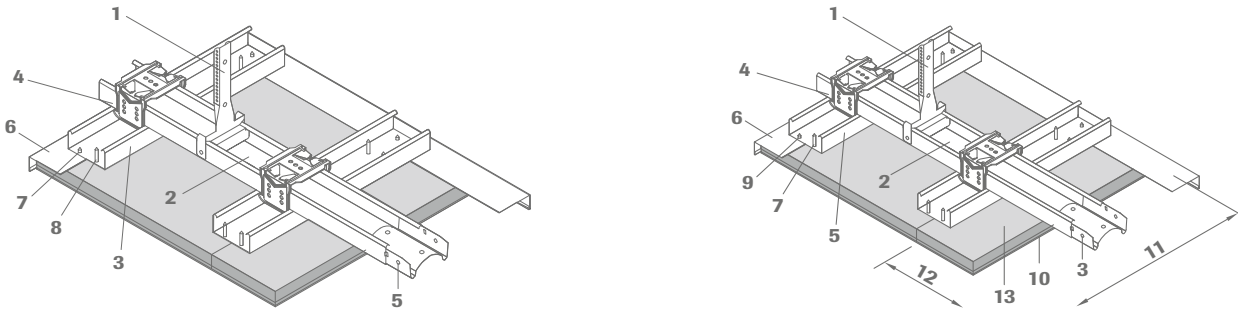


Technical data

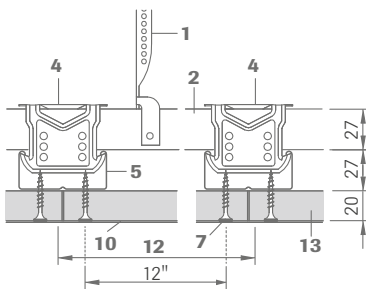
Dimensions	Module sizes: 24" x 24", 24" x 48"
Edge detail	RE bolt-slot 
Reaction to fire	OWAacoustic premium tiles: (ASTM E 84) class A (ASTM E 1264) OWAconstruct suspension parts: (ASTM E 84) class A (ASTM E 1264)
Metal suspension	All metal components listed are galvanized steel or white coated galvanized steel respectively.
Suspension depth	3" - 4" (depending on the existing structural ceiling) for ease of panel removal 5" is recommended

S7

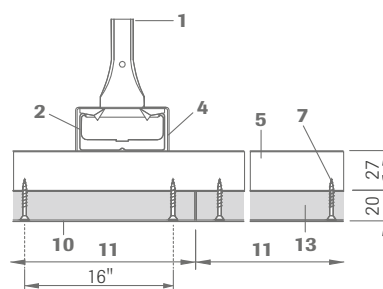
S7



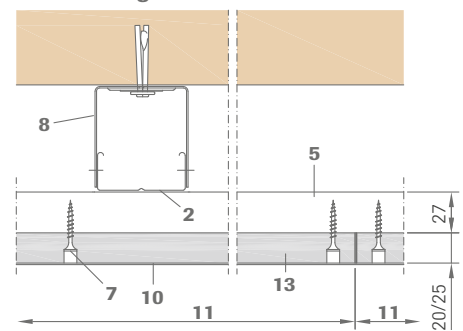
Section:



Cross section:



Direct fixing:



S7 – suspension system

Product no.	Product/component description	Units/pack
1	2001*1 Lower nonius hanger for primary CD profile 2 3/16" x 1" nom., length: 5', maximum load: 0.40 kN, zinc galvanized	100 pieces
	76 Safety pin for Nonius hanger, length: approx. 2 3/4", thickness: 0.118", zinc galvanized	100 pieces
	2002 Adjustable direct hanger, adjustment range: 1" - 3" nom., zinc galvanized, incl. 2 safety pins	100 pieces
2	2003 Primary CD profile 2 3/16" x 1" nom., length: 13', support grid spacing 39"	12 pieces
3	2003 Primary CD profile 2 3/16" x 1" nom., length: 13', support grid spacing 16"	12 pieces
4	2004 Cross connector, height: 1 9/16", width: 2 3/16", depth: 1 3/4" nom., zinc galvanized	100 pieces
5	2005 CD profile connector, height: 1" nom., width: 2 3/16", length: 3 1/8", zinc galvanized	100 pieces
6	51/22 Wall angle, height: 2" nom., width: 7/8", thickness: 0.028", length: 10' nom., visible side: white	10 pieces
	51/22-0 Curved wall profile, column half-ring (see brochure no. 9670 curved wall profiles)	bulk-packed
7	2024 Screws for no. 51/22	100 pieces
8	2019 Plate screw	500 pieces
	8031/9 Comfort access trap for OWAplan ceilings 13 3/16" x 13 3/16" (external dimension), without OWAplan-plate/RAW-plate Attention: additional suspension required (see OWAplan Comfort access trap installation guide)	bulk-packed
	8031/10 Comfort access trap for OWAplan ceilings 21 1/4" x 21 1/4" (external dimension), without OWAplan-plate/RAW-plate Attention: additional suspension required (see OWAplan Comfort access trap installation guide)	bulk-packed
	8069/6 Pattress for OWAplan/RAW consisting of frame components (2 pieces), length: 13 3/16"	bulk-packed
	4437 Fire resistant tape 1/2" x 1/16" nom. (where fire resistance is required)	1" roll

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
Finetta High NRC	YES	up to 54 %	up to 42 %	0.75	35 dB	86	Meet requirements of CDPH-IAQ and AgBB-Scheme according to ISO 16000 and CDPH testing standards
Sandila/N				0.60	37 dB	84	
Sandila NRC				0.70	35 dB	83	
Octave 70 High CAC				0.70	40 dB	87	
Octave 75				0.75	27 dB	87	
Octave 80				0.80	33 dB	87	
Octave 80 High CAC				0.80	37 dB	87	
Octave 85				0.85	27 dB	87	
Octave 90 High CAC				0.90	34 dB	87	
Octave 95				0.95	-	87	
Octave 75 Humancare				0.75	27 dB	87	
Octave 85 Humancare				0.85	27 dB	87	
Octave 85 black				0.85	28 dB	-	
Octave wood colors Cherry				-	-	-	
Octave wood colors Grey				-	-	-	
Octave wood colors Maple				-	-	-	
Octave wood colors Teak				-	-	-	
Octave wood colors Walnut				-	-	-	
Sanitas® 02 Plain				0.10	42 dB	92	

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
Bamboo Plain	YES	up to 40 %	up to 27 %	0.10	-	-	Meet requirements of CDPH-IAQ and AgBB-Scheme according to ISO 16000 and CDPH testing standards
Bamboo Regular perforated				0.55	-	-	
Cloud, Square				On request	-	Approx. 87	
Opus				0.75	-	-	
OWAplan⁷⁰				On request	-	-	
OWAplan⁹⁰				On request	-	-	
RAW				On request	-	-	
Trapeze				0.75	-	Approx. 87	
Selecta, Curve, Corpus, FreeStyle	YES	-	-	On request	-	-	

OWA ceilings performance regarding to LEED®

OWA ceilings LEED® credit

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

- **OWAcoustic premium**
- **OWAconsult collection**
- **OWAconstruct**

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



USGBC LEED® credits:

- 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.

OWAcoustic products are listed at mindful materials.

OWA ceilings performance regarding to LEED®

OWAconstruct

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 14.16 µg/ft³ (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.

OWAacoustic product range has less than

TVOC: **in class rooms:** **< 0.0425 µg/ft³ (1.5 µg/m³)** (after 11, 12 and 14 days)

in office buildings: **< 0.0566 µg/ft³ (2 µg/m³)** (after 11, 12 and 14 days)

Formaldehyde: **in class rooms:** **0.0510 µg/ft³ (1.8 µg/m³)** (after 11 days),
 0.0481 µg/ft³ (1.7 µg/m³) (after 12 days),
 0.0453 µg/ft³ (1.6 µg/m³) (after 14 days)
 = **1.3 ppb**

in office buildings: **0.0566 µg/ft³ (2 µg/m³)** (after 11 days),
 0.0538 µg/ft³ (1.9 µg/m³) (after 12 days),
 0.0510 µg/ft³ (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®

OWA product profile



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 9373 201-444 or e-mail: info@owaconsult.de

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