

OWAcoustic® surface patterns



Mineral tiles for any
area of application

OWA lifetime collection

OWA



In this brochure you will find a selection of the most common mineral tiles in our OWAlifetime collection. Hygiene ceilings and moisture resistant ceilings can be found in the separate brochure no. 9898 e. A complete overview of the OWAlifetime collection can be found in our price list no. 9001 e. Here you will also find independent fire protection units and other tiles for special areas of use. All of the latest price lists, brochures, tender specifications and technical information can be found at: www.owa-ceilings.com, category Service/Downloads.

All illustrations are reduced in size. They show the complete tile in original size. It is possible that they differ from reality. Please note that they are only similar. Please make your final decision based on an original sample of the tile.

We reserve the right to make technical changes to all products. Furthermore, our general terms of sale, delivery and payment apply.

When a new edition appears, this edition loses its validity.

No responsibility is taken for the correctness of this information.

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OWAcoustic® premium

For the highest standards of design and function

Fleece covered mineral tiles

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OWAcoustic® smart

Meets all standard requirements – low weight, secure fire protection

Mineral tiles

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Plain smart	51
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OWAdeco®

For simple requirements

Mineral tiles

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OWA mineral tiles are made in Germany and stand for highest quality and performance in connection with sound insulation, sound level reduction and fire safety. They are available in many surfaces and different installation systems, and are therefore suitable for ceiling systems in offices and call centres as well as in restaurants, hospitals, hotels, shops, stadiums or educational establishments.

OWAcoustic® premium

Mineral tiles of the OWAcoustic® premium range meet highest standards of design and function. The tiles are differentiated by their look, and by the differences in their functions. With them, you fulfil not only all construction-related requirements, but also any acoustic requirements.

OWAcoustic® smart

OWAcoustic® smart mineral tiles meet all the standard requirements, provide reliable fire protection and are convincing due to their low weight.

OWAdeco®

OWAdeco® for simple requirements.

Special tasks

The high-quality ceilings in our OWAcoustic® premium product line form the basis for a large range of special ceilings. Besides functions like fire protection, room acoustics and sound reduction, several of our products also have special characteristics that qualify them for hygienic areas as well as cleanrooms and humid rooms. You can find these special ceiling tiles in our brochure no. 9898 e.

OWAcoustic® premium

Fleece covered
mineral tiles



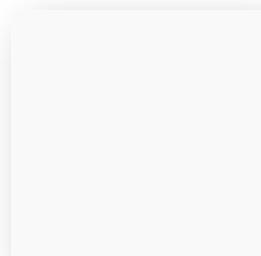
Bolero
 $\alpha_w = 0.85$ | NRC = 0.85



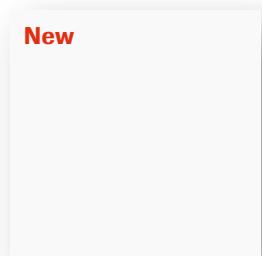
Bolero c
 $\alpha_w = 0.70$ | NRC = 0.70



Brillianto
12 mm: $\alpha_w = 0.70$ | NRC = 0.70



Brillianto A
19 mm: $\alpha_w = 0.95$ | NRC = 0.90



Brillianto A
15 mm: $\alpha_w = 0.90$ | NRC = 0.90



Sinfonia
 $\alpha_w = 0.85$ | NRC = 0.85



Sinfonia black
 $\alpha_w = 0.85$ | NRC = 0.80



Sinfonia grey
 $\alpha_w = 0.85$ | NRC = 0.80



Sinfonia c
 $\alpha_w = 0.70$ | NRC = 0.70



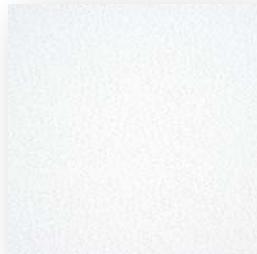
Sinfonia dB
 $\alpha_w = 0.60$ | NRC = 0.60

OWAcoustic® premium

Timeless
mineral tiles



Constellation
 $\alpha_w = 0.70$ | NRC = 0.70



Cosmos/N*
 $\alpha_w = 0.65$ | NRC = 0.65



Cosmos/O*
 $\alpha_w = 0.15$ | NRC = 0.15



Finetta
 $\alpha_w = 0.70$ | NRC = 0.70



Futura
 $\alpha_w = 0.60$ | NRC = 0.60



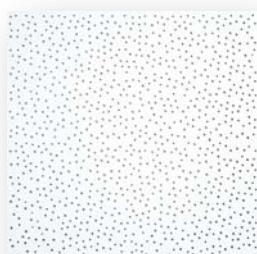
Harmony
 $\alpha_w = 0.60$ | NRC = 0.65



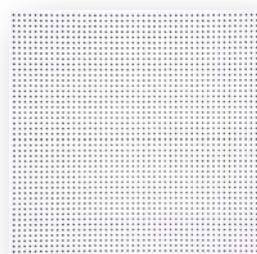
Multi Alpha
 $\alpha_w = 0.90$ | NRC = 0.90



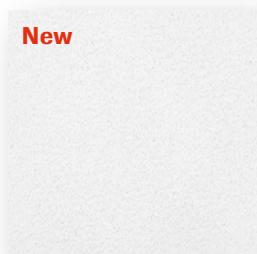
Plain
 $\alpha_w = 0.15$ | NRC = 0.15



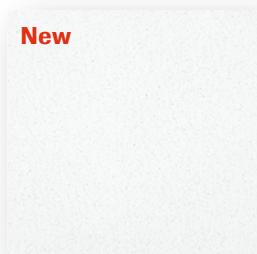
Random perforated
 $\alpha_w = 0.55$ | NRC = 0.60



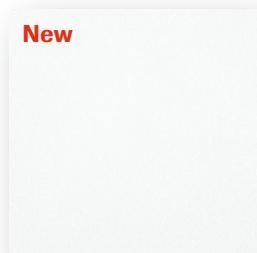
Regular perforated
 $\alpha_w = 0.70$ | NRC = 0.75



NEW Sandila/NRC
 $\alpha_w = 0.65$ | NRC = 0.75



NEW Sandila/N*
 $\alpha_w = 0.60$ | NRC = 0.65



NEW Sandila/O*
 $\alpha_w = 0.15$ | NRC = 0.15



Universal
 $\alpha_w = 0.55$ | NRC = 0.55

OWAcoustic® smart

Mineral tiles



Constellation smart
 $\alpha_w = 0.60$ | NRC = 0.60



Finetta smart
 $\alpha_w = 0.60$ | NRC = 0.55



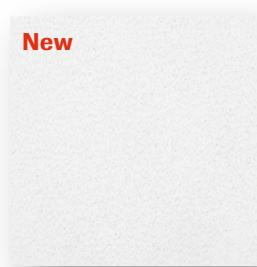
Futura smart
 $\alpha_w = 0.60$ | NRC = 0.60



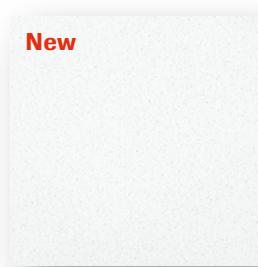
Harmony smart
 $\alpha_w = 0.60$ | NRC = 0.65



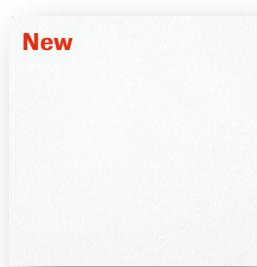
Plain smart
 $\alpha_w = 0.15$ | NRC = 0.15



NEW Sandila/NRC smart
 $\alpha_w = 0.65$ | NRC = 0.70



NEW Sandila/N*
 $\alpha_w = 0.55$ | NRC = 0.60



NEW Sandila/O*
 $\alpha_w = 0.15$ | NRC = 0.15

OWAdeco®

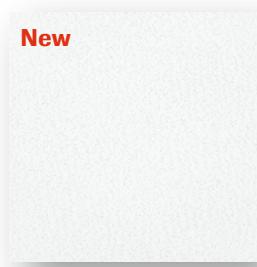
Mineral tiles



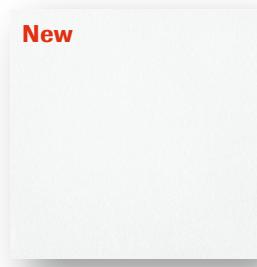
Comet
 $\alpha_w = 0.65$ | NRC = 0.65



Sirius
 $\alpha_w = 0.50$ | NRC = 0.50



NEW Tacla/N
 $\alpha_w = 0.50$ | NRC = 0.55



NEW Tacla/O
 $\alpha_w = 0.15$ | NRC = 0.15



Taurus
 $\alpha_w = 0.65$ | NRC = 0.65

* N = needled; O = un-needled

Technical data

Surface	The tiles generally receive a coating on both sides. In the standard version the visible side is coated white.		
Reaction to fire	OWAcoustic® premium: A2-s1,d0 in accordance with EN 13 501-1	OWAcoustic® smart: A2-s1,d0 in accordance with EN 13 501-1	OWAdeco®: B-s1,d0 in accordance with EN 13 501-1
Thickness	15 mm nom and 20 mm nom.	14 mm nom.	12 mm nom.
Rel. humidity	Up to 95 % RH, short-term	Up to 90 % RH, short-term	Up to 70 % RH, short-term
Thermal conductivity factor	0.063 W/mK		
Light reflection	Up to 91 % for white surfaces (plain surface pattern), depending on surface		
Resistance to fire	<p>Requirements for the total load-bearing building component: Soffit and suspended ceilings, resistance to fire 30 - 180 min. (REI 30 - REI 180).</p> <p>Requirement of the sub-ceiling alone: independent fire protection unit (from the top and bottom), fire resistance of 30 min. (EI 30).</p>		
Sound insulation	<p>Against sound transmission via the ceiling void: sound reduction of 30 dB to 49 dB.</p> <p>For noise reduction and regulation of the reverberation time: average sound absorption of 15 % to 95 %.</p>		
Montage	<p>Careful assembly and suitable working conditions are required for a perfectly installed ceiling.</p> <p>Recommendations: To comply with Construction Products Regulation (CPR) for assemblies, only use construction components from the OWAdconstruct® programme – the correct profiles and individual elements are provided for every installation situation.</p> <p>Please check to ensure the following before installing an OWA ceiling:</p> <ul style="list-style-type: none"> - dry rooms - completed plastering, screed and wet and installation work - already installed and glazed windows and doors - connected heating system that can be put into operation if need be <p>Additional information for „renovations“ for example can be found in OWA Installation Guide no. 9801 e.</p>		



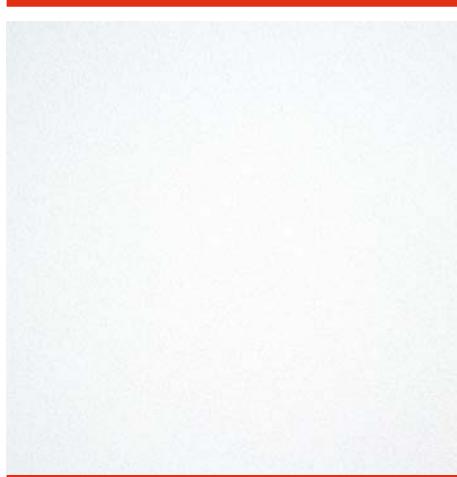
Performance in a new look

Bolero



Hardly any other high-absorbing ceiling tile „hides“ its performance behind so much optical finesse. OWAcoustic® premium Bolero combines a smooth and finely structured surface with outstanding sound absorption up to 0.85.

Bolero



Material

Mineral tile, fleece covered

Reaction to fire

A2-s1,d0 in accordance with EN 13501-1

Colour

White

Thickness

15 mm nom. or 20 mm nom.^o

Light reflection

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

Sound reduction*

$D_{n,f,w} = 30 \text{ dB to } 46 \text{ dB}$, CAC = 32 dB



$\alpha_w = 0.85$ | NRC = 0.85



up to 95 % RH



up to REI 60 (EN 13501-2)

Cleanroom class

Particular class ISO 5 (ISO 14644-1:1999) in conjunction with system S 3

Bolero

* dependent on system, soffit and other project specific factors
° dependent on system



OWAcoustic® premium

Possible system combinations

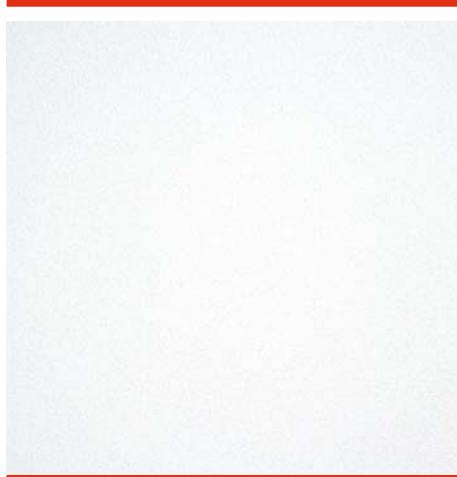
exposed							Bandraster	clear spanning
S 3	S 3 cliq							
S 3a		S 3a cliq		S 3 bws		S 15 cliq		S 15a cliq
S 15b				S 18d				
					S 6c			

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Bolero c



**Material**

Mineral tile, fleece covered

Reaction to fire

A2-s1,d0 in accordance with EN 13501-1

Colour

White

Thickness15 mm nom. or 20 mm nom.^o**Light reflection**

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

Sound reduction* $D_{n,f,w} = 33 \text{ dB bis } 49 \text{ dB}$, CAC = 35 dB**Sound absorption** $\alpha_w = 0.70$ | NRC = 0.70**Humidity resistance** up to 95 % RH**Resistance to fire*** up to REI 120 (EN 13501-2)**Cleanroom class**Particular class ISO 5 (ISO 14644-1:1999)
in conjunction with system S 3

Bolero c

* dependent on system, soffit and other project specific factors
° dependent on system



OWAcoustic® premium

Possible system combinations

(semi-) concealed	Bandraster	clear spanning
S 9a S 9b S 19 S 2p S 18p		S 6a

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

Pure understatement

Brillianto

OWAcoustic® Brillianto – pure and elegant look with good acoustics. You can easily install the tiles with elements of the OWAconstruct®-range.

Brillianto



Brillianto (12 mm)

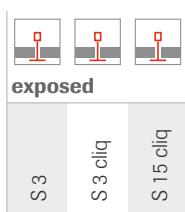
Material	Mineral tile, fleece covered
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	12 mm nom.
Light reflection	Approx. 78 (ISO 7724-2, ISO 7724-3)
Sound reduction	$D_{n,f,w} = 28 \text{ dB}$, CAC = 30 dB
Sound absorption	$\alpha_w = 0.70$ NRC = 0.70
Humidity resistance	up to 90 % RH
Resistance to fire*	up to REI 60 (EN 13501-2)

* dependent on system, soffit and other project specific factors



OWAcoustic® premium

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Brillianto A



Its smooth surface convinces the design-conscious. Its absorbency impresses designers with the highest expectations in terms of spatial acoustics. OWAcoustic® premium Brillianto A is an A-grade absorber (0.95 absorption), created for a new class of functional rooms, with simple and elegant looks and perfect voice intelligibility.

Brillianto A

Material	Mineral tile, fleece covered
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	19 mm nom.
Sound reduction*	$D_{n,f,w} = 30 \text{ dB}$, CAC = 32 dB
Sound absorption	 $\alpha_w = 0.95$ NRC = 0.90
Humidity resistance	 up to 95 % RH
Resistance to fire*	 up to REI 60 (EN 13501-2)

Brillianto A (19 mm)

* dependent on system, soffit and other project specific factors



Material	Mineral tile, fleece covered
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom.
Light reflection	Approx. 78 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,f,w} = 30 \text{ dB}$, CAC = 32 dB
Sound absorption	 $\alpha_w = 0.90$ NRC = 0.90
Humidity resistance	 up to 95 % RH
Resistance to fire*	 up to REI 60 (EN 13501-2)

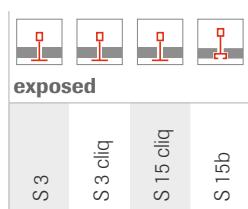
Brillianto A (15 mm)

* dependent on system, soffit and other project specific factors

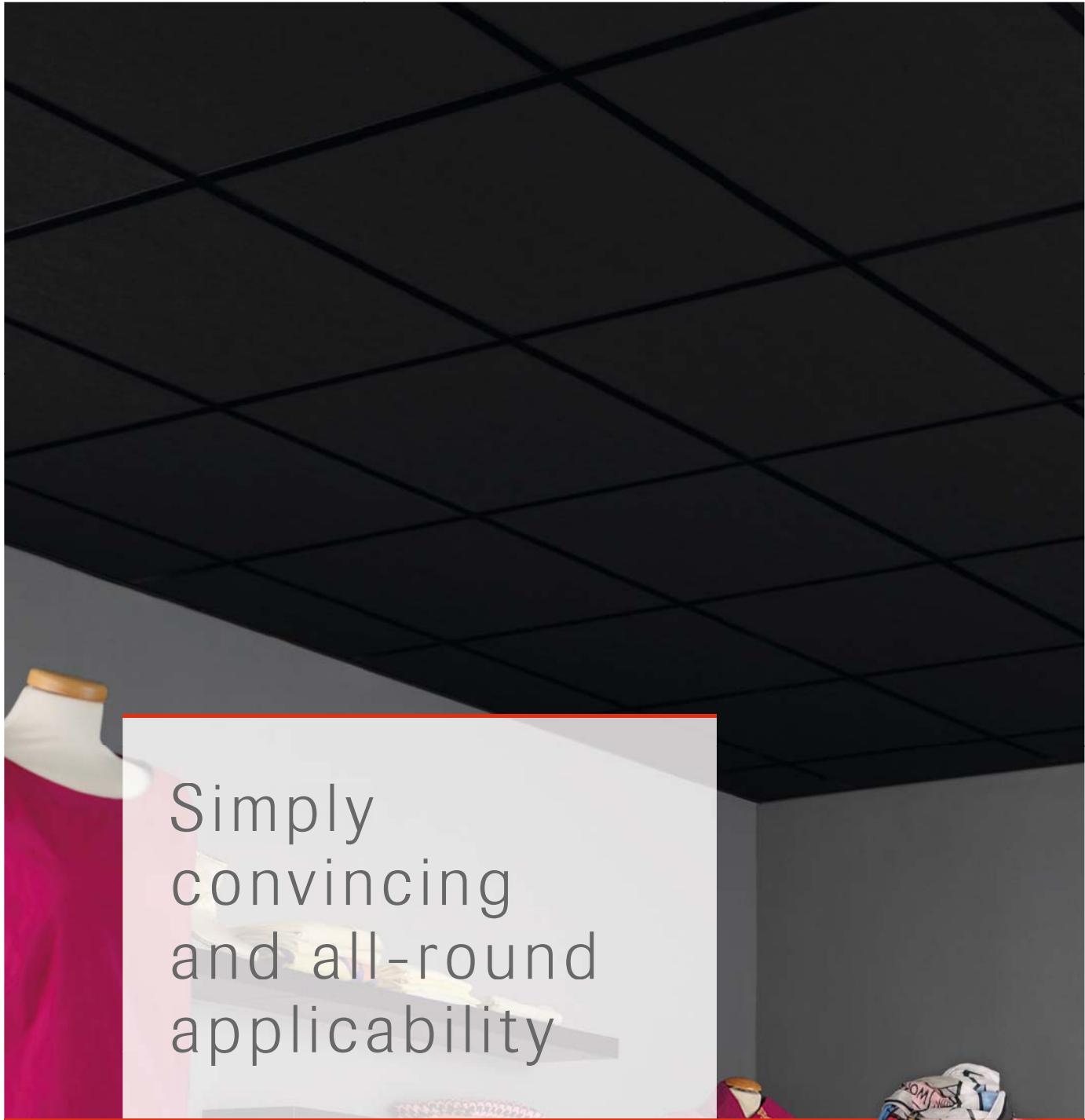


OWAcoustic® premium

Possible system combinations



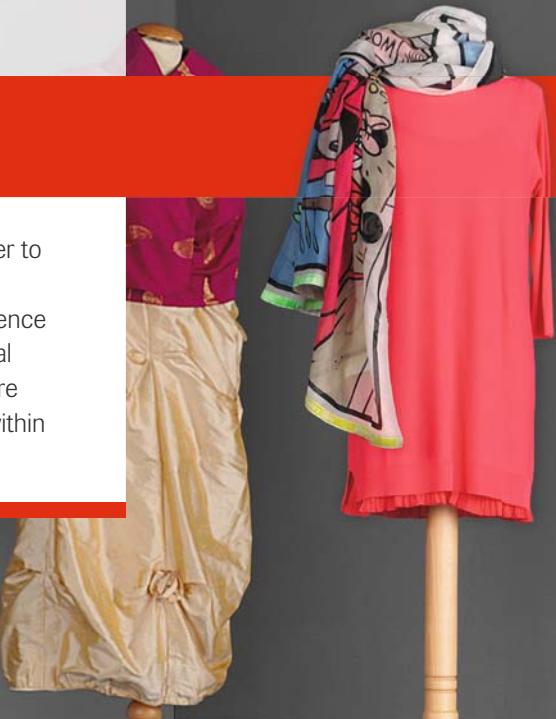
You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Simply
convincing
and all-round
applicability

Sinfonia

OWAcoustic® premium Sinfonia was developed in order to work in a wide-ranging operational field. The tiles are suitable for acoustically sensitive areas. Offices, conference rooms, auditoria and lecture halls, just as for operational areas, in which it depends on good design and strict fire protection, e. g. corridors, entrance areas and foyers within public and commercial sectors.





Surface example | Sinfonia

Material

Mineral tile, fleece covered

Reaction to fire

A2-s1,d0 in accordance with EN 13501-1

Colours

White, black, grey

Thickness15 mm nom. or 20 mm nom.^o**Light reflection**

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

Sound reduction* $D_{n,f,w} = 30 \text{ dB bis } 46 \text{ dB}$, CAC = 32 dB**Humidity resistance**

up to 95 % RH

Resistance to fire*

up to REI 60 (EN 13501-2)

Cleanroom classParticular class ISO 5 (ISO 14644-1:1999)
in conjunction with system S 3

* dependent on system, soffit and other project specific factors
° dependent on system


 $\alpha_w = 0.85$ | NRC = 0.85

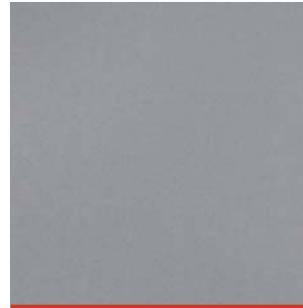

Sinfonia

 $\alpha_w = 0.85$ | NRC = 0.80


Sinfonia black (similar RAL 9004)

Only available for the systems S 3, S 3 cliq, S 15 cliq and S 15b.

Grid in black (RAL similar 9005) available.

 $\alpha_w = 0.85$ | NRC = 0.80


Sinfonia grey (similar RAL 7036)

Only available for the systems S 3, S 3 cliq and S 15 cliq.

Grid in grey (RAL similar 7004) available.

OWAcoustic® premium

Possible system combinations

exposed								Bandraster	clear spanning
S 3	S 3 cliq	S 3a	S 3a cliq	S 3 bws	S 15 cliq	S 15a cliq	S 15b	S 18d	S 6c

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Sinfonia c



Sinfonia c



Material

Mineral tile, fleece covered

Reaction to fire

A2-s1,d0 in accordance with EN 13501-1

Colour

White

Thickness

15 mm nom. or 20 mm nom.^o

Light reflection

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

Sound reduction*

D_{n,fw} = 33 dB bis 49 dB, CAC = 35 dB

Sound absorption

$\alpha_w = 0.70$ | NRC = 0.70

Humidity resistance

up to 95 % RH

Resistance to fire*

up to REI 120 (EN 13501-2)

Cleanroom class

Particular class ISO 5 (ISO 14644-1:1999) in conjunction with system S 3

Sinfonia c

* dependent on system, soffit and other project specific factors
° dependent on system



OWAcoustic® premium

Possible system combinations

(semi-) concealed	Bandraster	clear spanning
S 9a S 9b S 19 S 2p S 18p S 18k		S 6a

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Sound under control

Sinfonia dB

OWAcoustic® premium Sinfonia dB can provide simultaneous high room to room sound reduction as well as good room acoustics. It is simple to install the tiles quickly and economically by using suspension systems from the OWAconstruct® programme.



Sinfonia dB

Material	Mineral tile, fleece covered
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	20 mm nom.
Light reflection	Approx. 87 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,f,w} = 41 \text{ dB}$ (43 dB dependent on system), CAC = 43 dB (45 dB dependent on system)
Sound absorption	$\alpha_w = 0.60$ NRC = 0.60
Humidity resistance	up to 95 % RH
Resistance to fire*	up to REI 120 (EN 13501-2)
Cleanroom class	Particular class ISO 5 (ISO 14644-1:1999) in conjunction with system S 3

Sinfonia dB

* dependent on system, soffit and
other project specific factors



OWAcoustic® premium

Possible system combinations

exposed	(semi-) concealed	Bandraster	clear spanning
S 3 S 3 clq S 3a S 3a clq S 15 clq S 15a clq	S 9a S 9b S 19	S 2p S 18p	S 6a

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Constellation





Constellation

Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom. or 20 mm nom. [°]
Light reflection	Approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n, fw} = 31 \text{ dB bis } 49 \text{ dB}$, CAC = 33 dB
Sound absorption	$\alpha_w = 0.70$ NRC = 0.70
Humidity resistance	up to 95 % RH
Resistance to fire*	up to REI 180 (EN 13501-2)

* dependent on system, soffit and other project specific factors
° dependent on system



OWAcoustic® premium

Possible system combinations

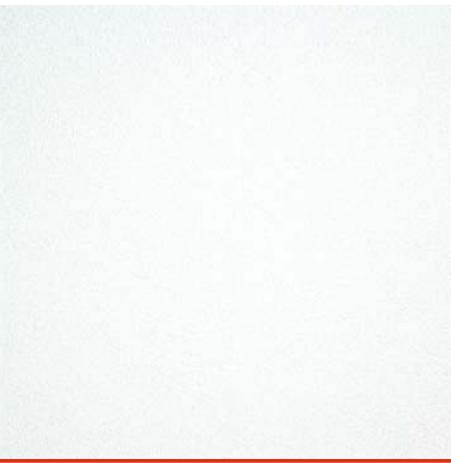
exposed	(semi-) concealed	Bandraster	clear spanning
S 3 S 3 alq S 3a S 3a clq S 3 bws S 15 clq S 15b	S 1 S 9a S 9b S 19 S 2a S 2b S 2p	S 18p S 18k S 18d	S 6a S 6b S 6c

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Cosmos



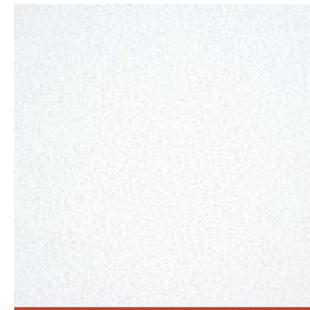
	Material	Mineral tile
	Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
	Colour	White
	Thickness	15 mm nom. or 20 mm nom. [°]
	Light reflection	Approx. 84 (ISO 7724-2, ISO 7724-3)
	Sound reduction*	$D_{n,tw} = 35 \text{ dB bis } 49 \text{ dB}$ (un-needed) $D_{n,tw} = 31 \text{ dB bis } 49 \text{ dB}$ (needed)
	Humidity resistance	 up to 95 % RH
	Resistance to fire*	 up to REI 180 (EN 13501-2)

Surface example | Cosmos/O

* dependent on system, soffit and other project specific factors
° dependent on system


 $\alpha_w = 0.15$ | NRC = 0.15


Cosmos/O

 $\alpha_w = 0.65$ | NRC = 0.65


Cosmos/N

OWAcoustic® premium

Possible system combinations

exposed	(semi-) concealed	Bandraster	clear spanning
S 3 S 3 cliq S 3a S 3a cliq S 3 bws S 15 cliq S 15a cliq S 15b	S 1 S 9a S 9b S 19* S 2a S 2b S 2p	S 18p S 18x S 18d	S 6a S 6b S 6c

* only Cosmos/N

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Finetta





Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom.
Light reflection	Approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,fw} = 31 \text{ dB bis } 49 \text{ dB}$
Sound absorption	
Humidity resistance	
Resistance to fire*	
Cleanroom class	Particular class ISO 5 (ISO 14644-1:1999) in conjunction with system S 3

Finetta

* dependent on system, soffit and other project specific factors



OWAcoustic® premium

Possible system combinations

						concealed
						exposed
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	
						S 1

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Futura



Futura



Futura

Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom.
Light reflection	Approx. 85 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,fw} = 31 \text{ dB bis } 49 \text{ dB}$
Sound absorption	$\alpha_w = 0.60 \mid NRC = 0.60$
Humidity resistance	up to 90 % RH
Resistance to fire*	up to REI 180 (EN 13501-2)

* dependent on system, soffit and other project specific factors



OWAcoustic® premium

Possible system combinations

exposed					
S3	S3 cliq	S3a	S3a cliq	S15 cliq	S15a cliq

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Harmony

Harmony



Harmony

Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom. or 20 mm nom. ^o
Light reflection	Approx. 86 (ISO 7724-2, ISO 7724-3)
Sound reduction*	D _{n,f,w} = 31 dB bis 49 dB
Sound absorption	α _w = 0.60 NRC = 0.65
Humidity resistance	up to 90 % RH
Resistance to fire*	up to REI 180 (EN 13501-2)

* dependent on system, soffit and other project specific factors



OWAcoustic® premium

Possible system combinations

exposed		concealed		Bandraster		clear spanning	
S 3	S 3 cliq						
S 3a		S 3a cliq		S 18d		S 6a	
S 3a cliq		S 15 cliq		S 18d		S 6c	
S 15 cliq		S 1					
S 15a cliq		S 9a					
		S 9b					

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Multi Alpha





Multi Alpha

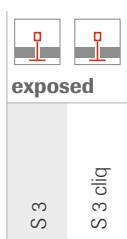
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom.
Light reflection	Approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,f,w} = 30 \text{ dB bis } 48 \text{ dB}$, CAC = 32 dB
Sound absorption	$\alpha_w = 0.90$ NRC = 0.90
Humidity resistance	up to 95 % RH
Resistance to fire*	up to REI 30 (EN 13501-2)

* dependent on system, soffit and other project specific factors



OWAcoustic® premium

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Plain



Plain

	Material	Mineral tile
	Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
	Colour	White
	Thickness	15 mm nom. or 20 mm nom. [°]
	Light reflection	Approx. 91 (ISO 7724-2, ISO 7724-3)
	Sound reduction*	$D_{n,fw} = 35 \text{ dB bis } 49 \text{ dB}$, CAC = 37 dB
	Sound absorption	 $\alpha_w = 0.15$ NRC = 0.15
	Humidity resistance	 up to 95 % RH
	Resistance to fire*	 up to REI 180 (EN 13501-2)

Plain

* dependent on system, soffit and other project specific factors



OWAcoustic® premium

Possible system combinations

exposed		concealed			clear spanning				
S3	S3 cliq	S3a	S3a cliq	S15 cliq	S15a cliq	S1	S9a	S9b	S6c

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Random perforated





Random perforated

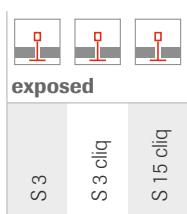
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom.
Light reflection	Approx. 84 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,fw} = 31 \text{ dB bis } 49 \text{ dB}$, CAC = 33 dB
Sound absorption	$\alpha_w = 0.55$ NRC = 0.60
Humidity resistance	up to 90 % RH
Resistance to fire*	on request

* dependent on system, soffit and other project specific factors



OWAcoustic® premium

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

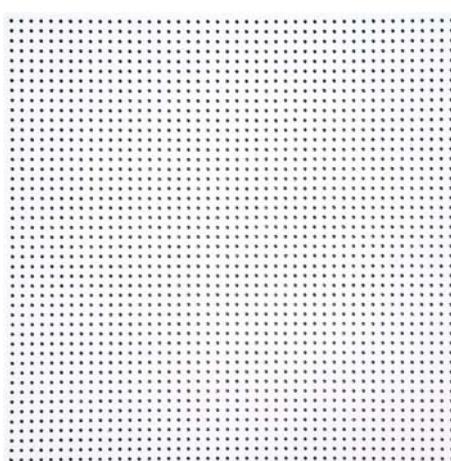


Regular perforated



Regular perforated

41



Regular perforated

Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom. or 20 mm nom. [°]
Light reflection	Approx. 84 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,fw} = 31 \text{ dB bis } 49 \text{ dB}$, CAC = 33 dB
Sound absorption	$\alpha_w = 0.70$ NRC = 0.75
Humidity resistance	up to 90 % RH
Resistance to fire*	on request

* dependent on system, soffit and other project specific factors
° dependent on system



OWAcoustic® premium

Possible system combinations

exposed					concealed		
S3	S3 cliq	S3a	S3a cliq	S15 cliq	S1	S9a	S9b

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



NEW Sandila



NEW Sandila

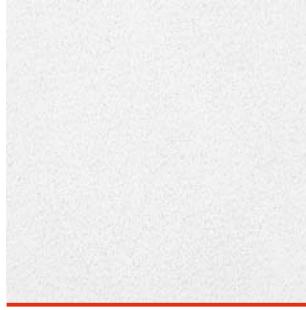
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom.
Light reflection	Approx. 87 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,f,w} = 35 \text{ dB bis } 49 \text{ dB}$, CAC = 37 dB (un-neededled) $D_{n,f,w} = 31 \text{ dB bis } 49 \text{ dB}$, CAC = 33 dB (neededled)
Humidity resistance	  up to 95 % RH
Resistance to fire*	  up to REI 180 (EN 13501-2)

Surface example | NEW Sandila/O

* dependent on system, soffit and other project specific factors

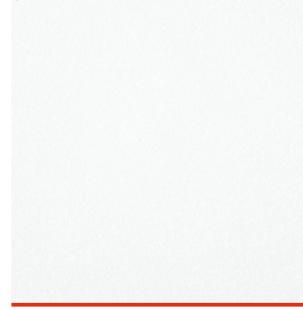


  $\alpha_w = 0.65$ | NRC = 0.75



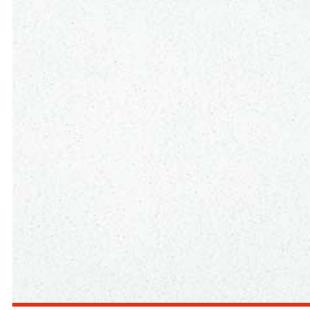
NEW Sandila/NRC

  $\alpha_w = 0.15$ | NRC = 0.15



NEW Sandila/O

  $\alpha_w = 0.60$ | NRC = 0.65



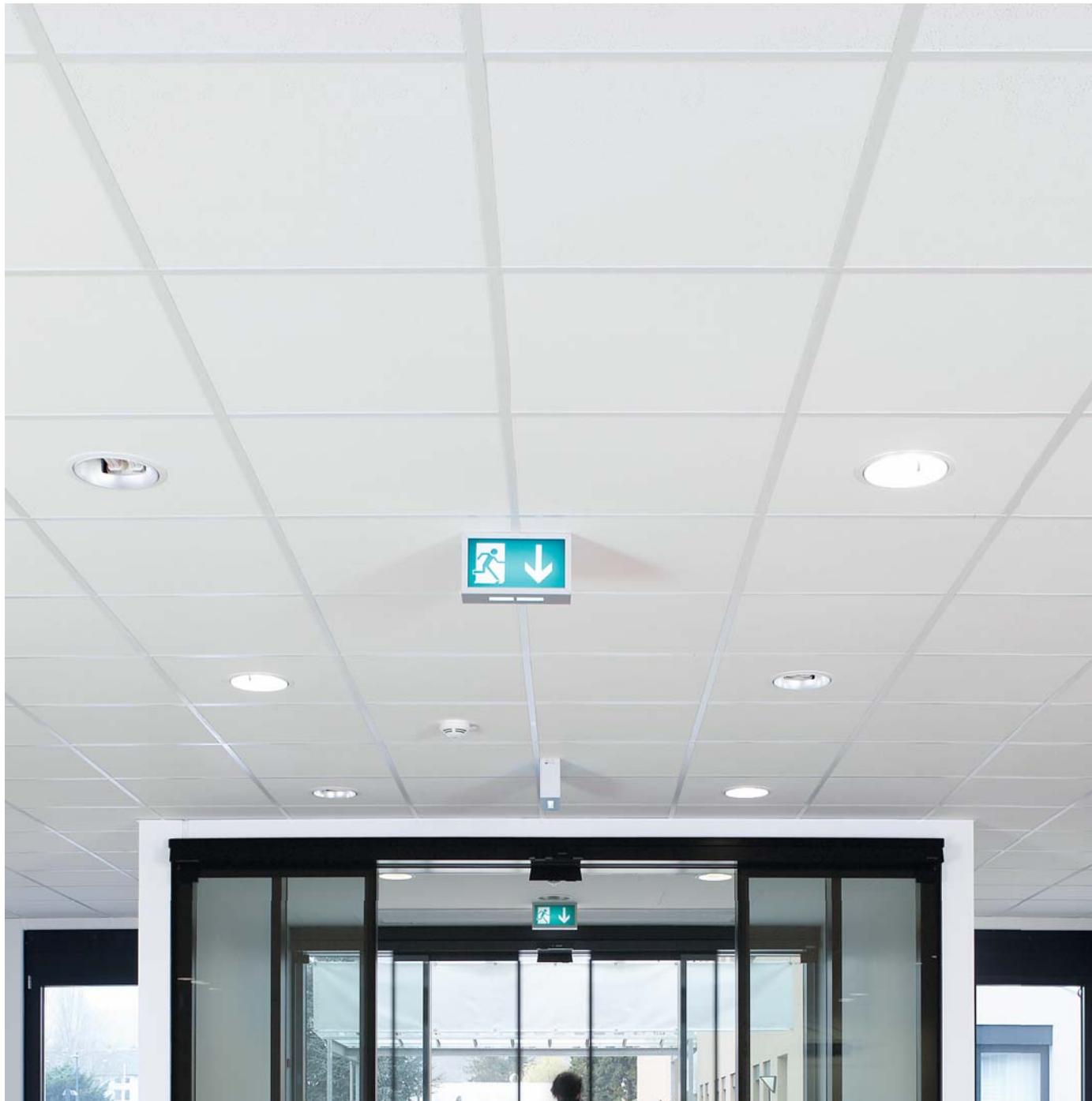
NEW Sandila/N

OWAcoustic® premium

Possible system combinations

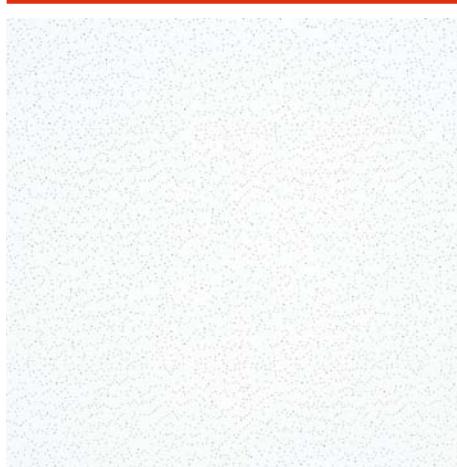
	exposed
S3	S3 cliq
S3a	S3a cliq
S15 cliq	S15a cliq

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Universal





Universal

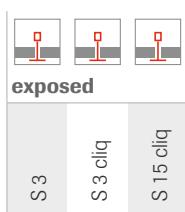
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	15 mm nom.
Light reflection	Approx. 91 (ISO 7724-2, ISO 7724-3)
Sound reduction*	D _{n,fw} = 31 dB bis 49 dB, CAC = 33 dB
Sound absorption	$\alpha_w = 0.55$ NRC = 0.55
Humidity resistance	up to 95 % RH
Resistance to fire*	up to REI 180 (EN 13501-2)
Cleanroom class	Particular class ISO 4 (ISO 14644-1:1999) in conjunction with system S 3

* dependent on system, soffit and other project specific factors



OWAcoustic® premium

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

Low weight,
reliable fire
protection

OWAcoustic® smart

OWAcoustic® smart mineral tiles meet all the standard requirements, provide reliable fire protection and are convincing due to their low weight.



Constellation smart

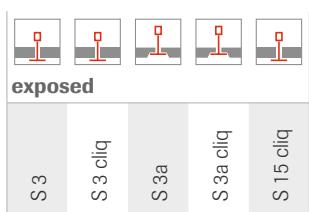
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	14 mm nom.
Light reflection	Approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n, fw} = 29 \text{ dB}$, CAC = 31 dB
Sound absorption	$\alpha_w = 0.60$ NRC = 0.60
Humidity resistance	up to 90 % RH
Resistance to fire*	up to REI 180 (EN 13501-2)

* dependent on system, soffit and other project specific factors



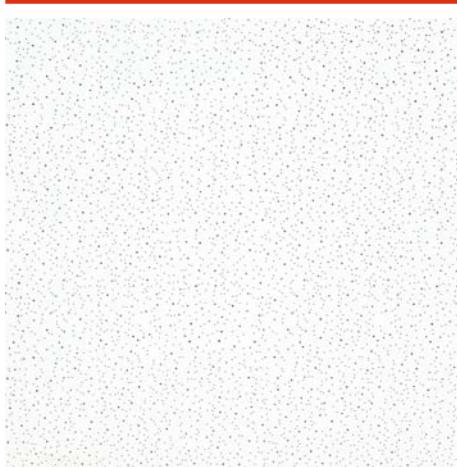
OWAcoustic® smart

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

Finetta smart



Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	14 mm nom.
Light reflection	Approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,fw} = 29 \text{ dB}$, CAC = 31 dB
Sound absorption	$\alpha_w = 0.60$ NRC = 0.55
Humidity resistance	up to 90 % RH
Resistance to fire*	up to REI 180 (EN 13501-2)

Finetta smart

* dependent on system, soffit and other project specific factors



OWAcoustic® smart

Possible system combinations

exposed				
S3	S3 cliq	S3a	S3a cliq	S15 cliq

You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

Futura smart



Futura smart

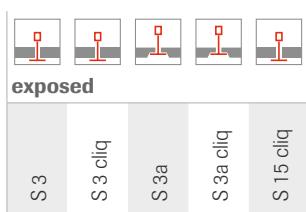
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	14 mm nom.
Light reflection	Approx. 85 (ISO 7724-2, ISO 7724-3)
Sound reduction*	D _{n,fw} = 29 dB, CAC = 31 dB
Sound absorption	α _w = 0.60 NRC = 0.60
Humidity resistance	up to 90 % RH
Resistance to fire*	up to REI 180 (EN 13501-2)

* dependent on system, soffit and other project specific factors



OWAcoustic® smart

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

Harmony smart



Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	14 mm nom.
Light reflection	Approx. 86 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,fw} = 29$ dB, CAC = 31 dB
Sound absorption	
Humidity resistance	
Resistance to fire*	

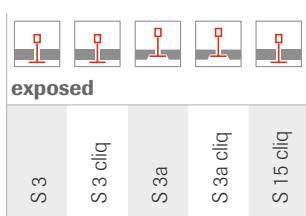
Harmony smart

* dependent on system, soffit and other project specific factors



OWAcoustic® smart

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

Plain smart

Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	14 mm nom.
Light reflection	Approx. 91 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,f,w} = 33 \text{ dB}$, CAC = 35 dB
Sound absorption	 $\alpha_w = 0.15$ NRC = 0.15
Humidity resistance	 up to 90 % RH
Resistance to fire*	 up to REI 180 (EN 13501-2)

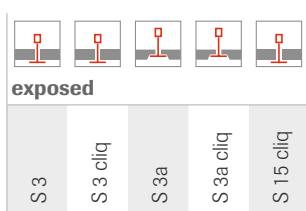
Plain smart

* dependent on system, soffit and other project specific factors



OWAcoustic® smart

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

NEW Sandila smart

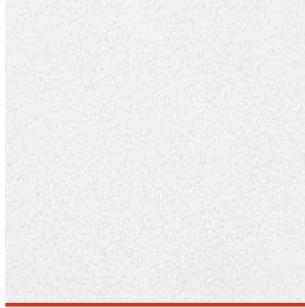
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	14 mm nom.
Light reflection	Approx. 87 (ISO 7724-2, ISO 7724-3)
Sound reduction*	$D_{n,fw} = 29 \text{ dB}$, CAC = 31 dB (Sandila/N) $D_{n,fw} = 33 \text{ dB}$, CAC = 35 dB (Sandila/O)
Humidity resistance	  up to 90 % RH
Resistance to fire*	  up to REI 180 (EN 13501-2)

Surface example | NEW Sandila/O smart

* dependent on system, soffit and other project specific factors

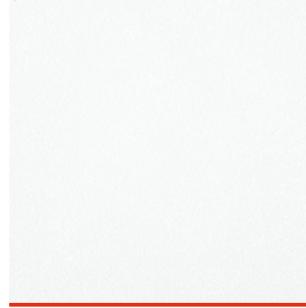


 $\alpha_w = 0.65$ | NRC = 0.70



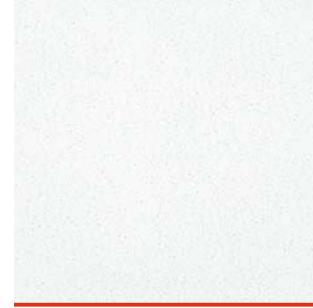
NEW Sandila/NRC smart

 $\alpha_w = 0.15$ | NRC = 0.15



NEW Sandila/O smart

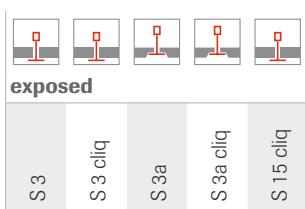
 $\alpha_w = 0.55$ | NRC = 0.60



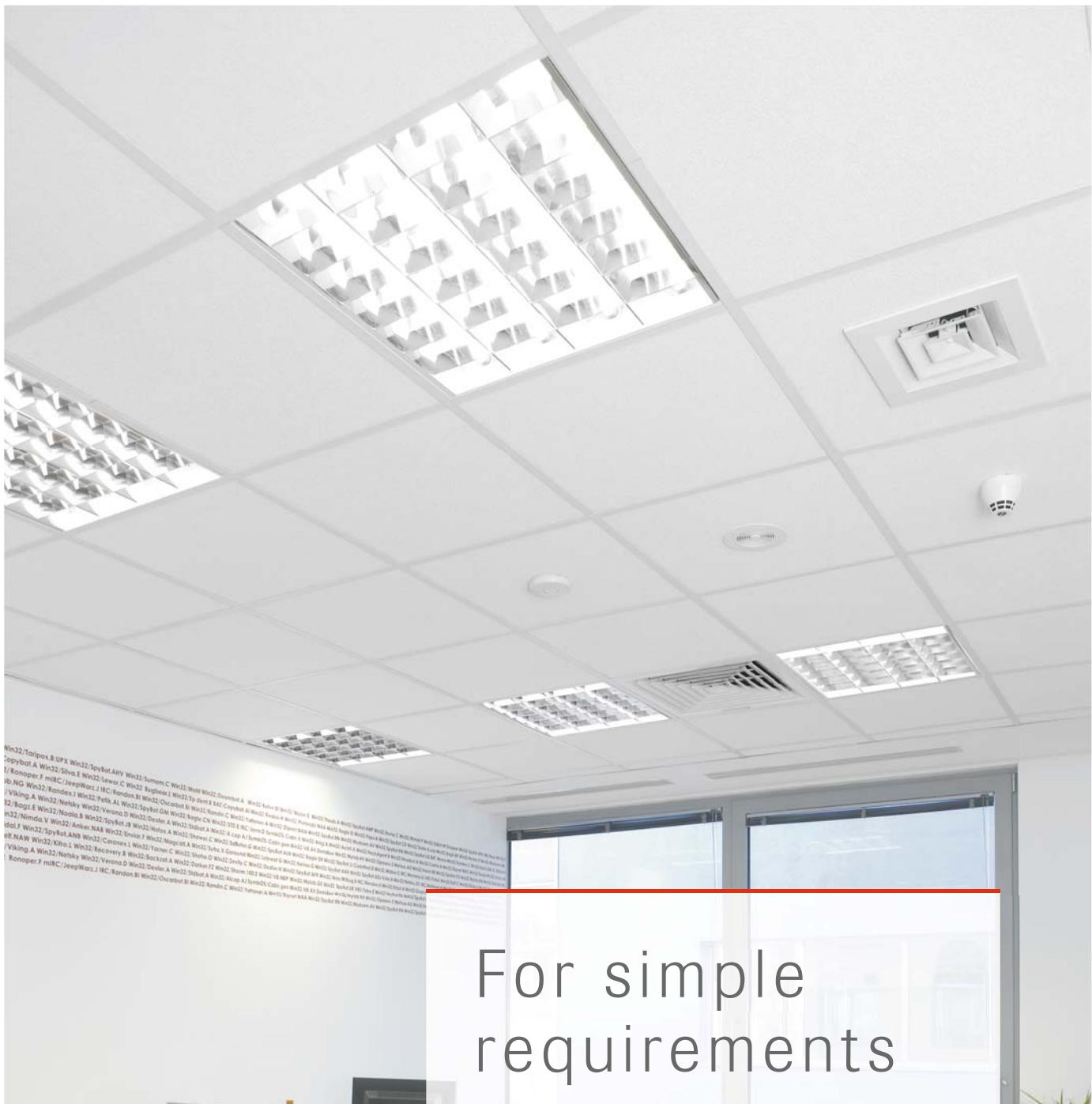
NEW Sandila/N smart

OWAcoustic® smart

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

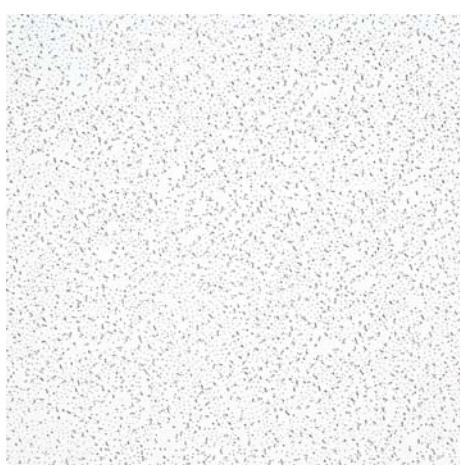


For simple
requirements

OWAdeco®



Comet



Comet

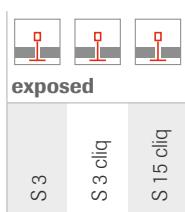
Material	Mineral tile
Reaction to fire	B-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	12 mm nom.
Light reflection	Approx. 86 (ISO 7724-2, ISO 7724-3)
Sound absorption*	$\alpha_w = 0.65$ NRC = 0.65
Humidity resistance	up to 70 % RH
Resistance to fire*	no fire resistance

* dependent on system, soffit and other project specific factors



OWAdeco®

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

Sirius



Sirius

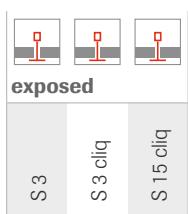
Material	Mineral tile
Reaction to fire	B-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	12 mm nom.
Light reflection	Approx. 89 (ISO 7724-2, ISO 7724-3)
Sound absorption*	$\alpha_w = 0.50$ NRC = 0.50
Humidity resistance	up to 70 % RH
Resistance to fire*	no fire resistance

* dependent on system, soffit and other project specific factors

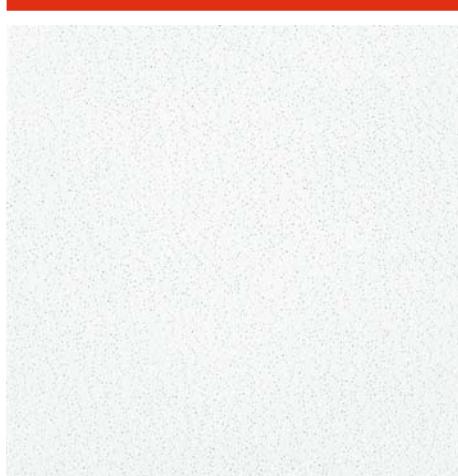


OWAdeco®

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.



Surface example | NEW Tacla/N

Material	Mineral tile
Reaction to fire	B-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	12 mm nom.
Light reflection	Approx. 87 (ISO 7724-2, ISO 7724-3)
Humidity resistance	up to 70 % RH
Resistance to fire*	no fire resistance

* dependent on system, soffit and other project specific factors



$\alpha_w = 0,15$ | NRC = 0,15



NEW Tacla/O

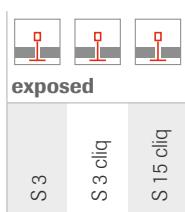
$\alpha_w = 0,50$ | NRC = 0,55



NEW Tacla/N

OWAdeco®

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

Taurus



Material	Mineral tile
Reaction to fire	B-s1,d0 in accordance with EN 13501-1
Colour	White
Thickness	12 mm nom.
Light reflection	Approx. 85 (ISO 7724-2, ISO 7724-3)
Sound absorption*	$\alpha_w = 0.65$ NRC = 0.65
Humidity resistance	up to 70 % RH
Resistance to fire*	no fire resistance

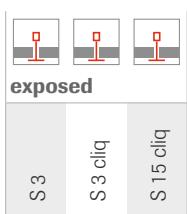
Taurus

* dependent on system, soffit and other project specific factors



OWAdeco®

Possible system combinations



You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.

OWAcoustic® surface patterns

OWA

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