




Mineral tiles for any  
area of application

OWAlifetime 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](http://www.owa-ceilings.com), category Service/Downloads.

The illustrations, technical characteristics, functions and other information in this document have been compiled to the best of our knowledge and are up-to-date. However, only the most important information can be presented. These are to be regarded as general and cannot be applied to individual cases. We therefore recommend that you contact our experts at OWAconsult in a specific case. They are pleased to serve you as competent partners.

**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.

OWAconsult



tel +49 93 73.2 01-2 22  
fax +49 93 73.2 01-1 11  
[info@owaconsult.de](mailto:info@owaconsult.de)  
[www.owaconsult.de](http://www.owaconsult.de)

## Content

### Design overview

OWAcoustic premium – fleece covered mineral tiles . . . . .	6
OWAcoustic premium – timeless mineral tiles . . . . .	7
OWAcoustic smart – mineral tiles . . . . .	8
Technical data . . . . .	9

### OWAcoustic premium

For the highest standards of design and function

#### Fleece covered mineral tiles

Bolero . . . . .	11
Bolero c . . . . .	13
Brillianto . . . . .	15
Brillianto A . . . . .	17
Sinfonia   Sinfonia black   Sinfonia grey   Sinfonia RAL . . . . .	19
Sinfonia Balance   Sinfonia Balance RAL . . . . .	21
Sinfonia c   Sinfonia c RAL . . . . .	23
Sinfonia Privacy   Sinfonia Privacy RAL . . . . .	25
Sinfonia Reflecta . . . . .	27
Sinfonia Silencia   Sinfonia Silencia RAL . . . . .	29

#### Timeless mineral tiles

Constellation   Constellation RAL . . . . .	31
Cosmos . . . . .	33
Cosmos/N sports . . . . .	35
Finetta . . . . .	37
Harmony . . . . .	39
Multi Alpha . . . . .	41
Plain . . . . .	43
Regular perforated . . . . .	45
NEW Sandila . . . . .	47

### OWAcoustic smart

Meets all standard requirements – low weight, secure fire protection

#### Mineral tiles

Constellation smart . . . . .	49
Finetta smart . . . . .	50
Harmony smart . . . . .	51
Plain smart . . . . .	52
NEW Sandila smart . . . . .	53









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 many 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.

### 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



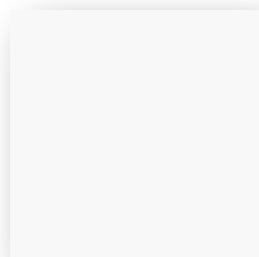
Bolero  
 $\alpha_w = 0.85$  | NRC = 0.85



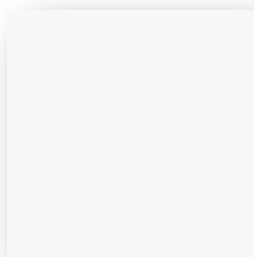
Bolero c  
 $\alpha_w = 0.70$  | NRC = 0.70



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



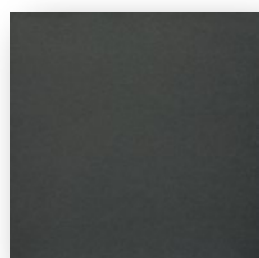
Brillianto A  
20 mm:  $\alpha_w = 0.95$  | NRC = 0.95



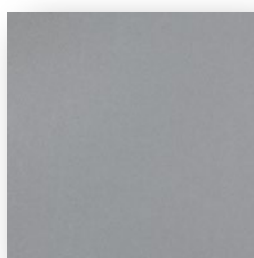
Brillianto A  
15 mm:  $\alpha_w = 0.90$  | NRC = 0.90



Sinfonia  
 $\alpha_w = 0.85$  | NRC = 0.85



Sinfonia black  
(similar to RAL 9004)  
 $\alpha_w = 0.85$  | NRC = 0.80



Sinfonia grey  
(similar to RAL 7036)  
 $\alpha_w = 0.85$  | NRC = 0.80



Sinfonia Balance  
 $\alpha_w = 0.80$  | NRC = 0.80



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



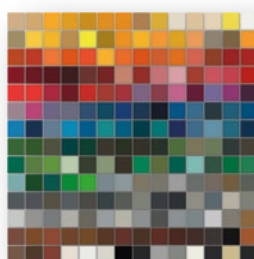
Sinfonia Privacy  
 $\alpha_w = 0.70$  | NRC = 0.70



Sinfonia Reflecta  
 $\alpha_w = 0.15$  | NRC = 0.15



Sinfonia Silencia  
 $\alpha_w = 1.00$  | NRC = 1.00



Sinfonia RAL\*  
 $\alpha_w = 0.85$  | NRC = 0.80

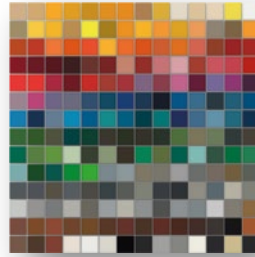
\* The mineral tiles Sinfonia, Sinfonia Balance, Sinfonia c, Sinfonia Privacy and Sinfonia Silencia are available in 213 individual RAL colours on request.

## OWAcoustic premium

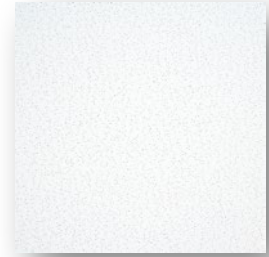
### Timeless mineral tiles



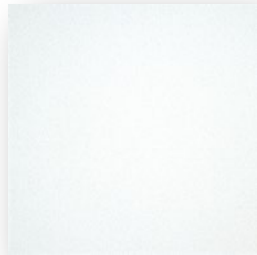
Constellation  
 $\alpha_w = 0.70$  | NRC = 0.70



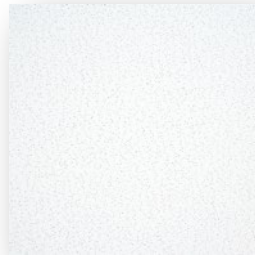
Constellation RAL\*  
 $\alpha_w = 0.70$  | NRC = 0.70



Cosmos/N\*1  
 $\alpha_w = 0.65$  | NRC = 0.65



Cosmos/O\*1  
 $\alpha_w = 0.15$  | NRC = 0.15



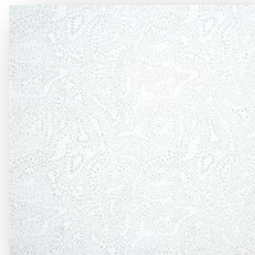
Cosmos/N\*1 sports  
 $\alpha_w = 0.60$  | NRC = 0.60



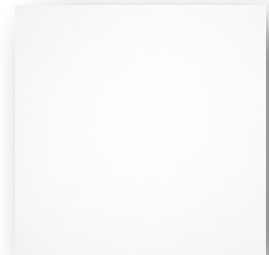
Finetta  
 $\alpha_w = 0.70$  | NRC = 0.70



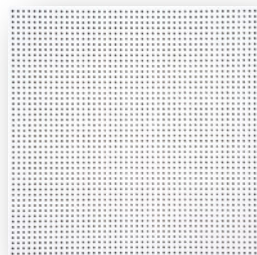
Harmony  
 $\alpha_w = 0.60$  | NRC = 0.65



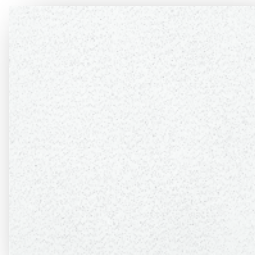
Multi Alpha  
 $\alpha_w = 0.90$  | NRC = 0.90



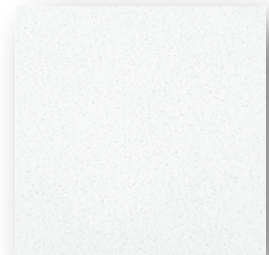
Plain  
 $\alpha_w = 0.15$  | NRC = 0.15



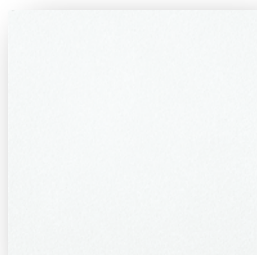
Regular perforated\*2  
 $\alpha_w = 0.70$  | NRC = 0.75



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



NEW Sandila/N\*1  
 $\alpha_w = 0.60$  | NRC = 0.65



NEW Sandila/O\*1  
 $\alpha_w = 0.15$  | NRC = 0.15

\* Constellation is available in 213 individual RAL colours on request. | \*1 N = needed; O = un-needed | \*2 Hole diameter approx. 4.5 mm



## OWAcoustic smart

### Mineral tiles



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



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



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



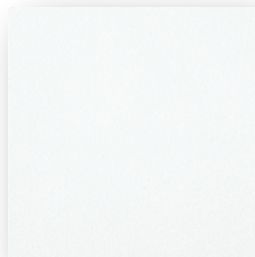
Plain smart  
 $\alpha_w = 0.15$  | NRC = 0.15



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



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



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

## Technical data

<b>Surface</b>	In the standard version the visible side is coated white.	
	<b>OWAcoustic premium:</b>	<b>OWAcoustic smart:</b>
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13 501-1	A2-s1,d0 in accordance with EN 13 501-1
<b>Thickness</b>	15 mm and 20 mm nom. resp. 40 mm nom. (Cosmos/N sports)	14 mm nom.
<b>Rel. humidity</b>	Up to 95 % RH, short-term	Up to 90 % RH, short-term
<b>Thermal conductivity factor</b>	$\lambda = 0,055 \text{ W/mK}$ in accordance with EN 12664	
<b>Light reflection</b>	78 % to 91 %, depending on surface	
<b>Resistance to fire</b>	<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>	
<b>Sound insulation</b>	<p>Against sound transmission via the ceiling void: sound reduction of 24 dB to 41 dB.*</p> <p>For noise reduction and regulation of the reverberation time: average sound absorption of 15 % to 100 %.</p>	
<b>Montage</b>	<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 OWAcconstruct 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"> <li>- dry rooms</li> <li>- completed plastering, screed and wet and installation work</li> <li>- already installed and glazed windows and doors</li> <li>- connected heating system that can be put into operation if need be</li> </ul> <p>Additional information for „renovations“ for example can be found in OWA Installation Guide no. 9801 e.</p>	

This brochure provides an overview of the range of standard ceiling tiles of OWA. The product characteristics listed here refer to the highest attainable values which can be verified by internal or external tests and which can be met by the ceiling tile itself or the entire system.

**For the exact technical values of each product variant please refer to our technical data sheets on our website [www.owa-ceilings.com](http://www.owa-ceilings.com)**

\* Dependent on size, system, soffit and other project specific factors

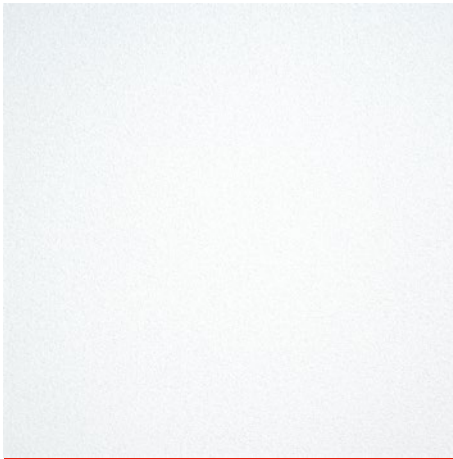


# Performance in a new look




## Bolero

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





Bolero

<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm nom.
<b>Light reflection</b>	Approx. 89 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,t,w} = 28 \text{ dB}$ , CAC = 30 dB
<b>Sound absorption</b>	 $\alpha_w = 0.85$   NRC = 0.85
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 60 (EN 13501-2)
<b>Cleanroom class<sup>▲</sup></b>	Particular class ISO 5 (ISO 14644-1:1999)

\* Dependent on size, system, soffit and other project specific factors









▲ Tested with system S 3

The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)



## OWAcoustic premium

### Possible system combinations

							
<b>Exposed</b>							<b>Bandraster</b>
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	S 15b	S 18d

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





Bolero c





Bolero c

<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	20 mm nom.
<b>Light reflection</b>	Approx. 89 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,fw}$ = up to 36 dB, CAC = up to 36 dB
<b>Sound absorption</b>	 $\alpha_w = 0.70$   NRC = 0.70
<b>Humidity resistance</b>	 up to 95 % RH
<b>Cleanroom class<sup>▲</sup></b>	Particular class ISO 5 (ISO 14644-1:1999)

\* Dependent on size, system, soffit and other project specific factors




▲ Tested with system S 3

The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)



## OWAcoustic premium

### Possible system combinations

		
<b>(Semi-) concealed</b>		
S 9a	S 9b	S 19

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

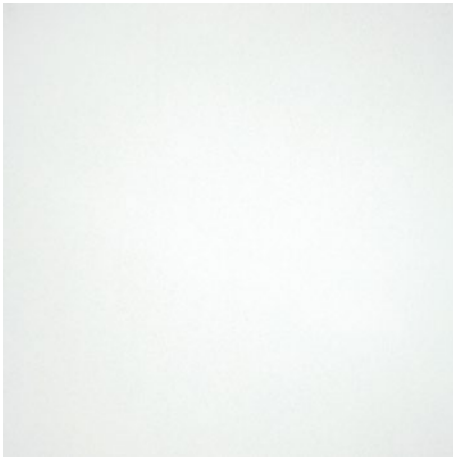






# Pure under- statement

## Brillianto

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



Brillianto (12 mm)

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




\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

## OWAcoustic premium

### Possible system combinations

		
<b>Exposed</b>		
S 3	S 3 cliq	S 15 cliq

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






## The new acoustic benchmark

### Brillianto A

Its smooth surface convinces the design-conscious. Its absorbency impresses designers with the highest expectations in terms of spatial acoustics. OWAcooustic 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 (20 mm)

<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	20 mm nom.
<b>Light reflection</b>	Approx. 78 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw} = 28 \text{ dB}$ , CAC = 30 dB
<b>Sound absorption</b>	 $\alpha_w = 0.95$   NRC = 0.95
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 60 (EN 13501-2)

\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

Brillianto A (15 mm)

<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm nom.
<b>Light reflection</b>	Approx. 78 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw} = 28 \text{ dB}$ , CAC = 30 dB
<b>Sound absorption</b>	 $\alpha_w = 0.90$   NRC = 0.90
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 60 (EN 13501-2)









\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

## OWAcoustic premium

### Possible system combinations

							
<b>Exposed</b>							<b>Bandraster</b>
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	S 18d	

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


<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colours</b>	White, black, grey (RAL colours available on request)
<b>Thickness</b>	15 mm nom.
<b>Light reflection</b>	Approx. 87 (ISO 7724-2, ISO 7724-3) (white)
<b>Sound reduction*</b>	$D_{n,fw} = 28 \text{ dB}$ , CAC = 30 dB
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 60 (EN 13501-2)
<b>Cleanroom class*</b>	Particular class ISO 5 (ISO 14644-1:1999) (white)

\* Dependent on size, system, soffit and other project specific factors

▲ Tested with system S 3


The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

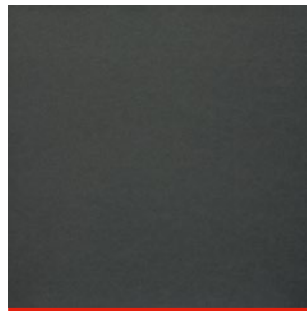


  $\alpha_w = 0.85$  | NRC = 0.85



Sinfonia


  $\alpha_w = 0.85$  | NRC = 0.80

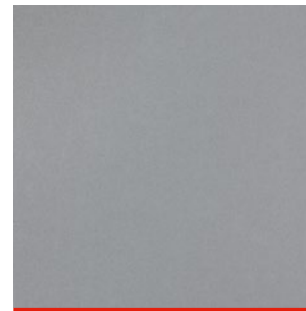


Sinfonia black (similar RAL 9004)

Not available for the systems S 3a, S 3a cliq, S 6c, S 18k and S 15a cliq.

Grid in black (RAL similar 9005) available.


  $\alpha_w = 0.85$  | NRC = 0.80



Sinfonia grey (similar RAL 7036)

Not available for the systems S 3a, S 3a cliq, S 6c, S 18k and S 15a cliq.

Grid in grey (RAL similar 7004) available.

  $\alpha_w = 0.85$  | NRC = 0.80













Sinfonia RAL

Sinfonia is available in 213 different RAL colours. Feel free to ask us for your desired colour tone.

## OWAcoustic premium

### Possible system combinations

									
<b>Exposed</b>							<b>Bandraster</b>	<b>Clear spanning</b>	
S 3	S 3 cliq	S 3a*1	S 3a cliq*1	S 15 cliq	S 15a cliq*1	S 15b	S 18d*2	S 18K*2	S 6C*1

\*1 Not available in Sinfonia black and grey

\*2 Sinfonia black and grey only available in edge 3

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



## Sinfonia Balance







Sinfonia Balance

**Material**

Mineral tile, fleece covered

**Reaction to fire**

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

**Colours**


White (RAL colours available on request)

**Thickness**

20 mm nom.

**Light reflection**

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


**Sound reduction\*** $D_{n,fw} = 37 \text{ dB}$ , CAC = 37 dB**Humidity resistance**
 up to 95 % RH
**Resistance to fire\***
 up to REI 60 (EN 13501-2)
**Cleanroom class\***

Particular class ISO 5 (ISO 14644-1:1999)


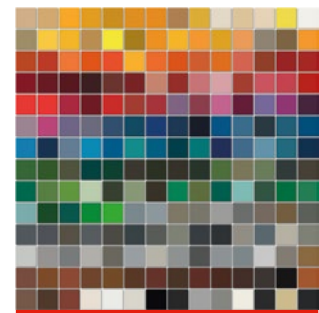
\* Dependent on size, system, soffit and other project specific factors

▲ Tested with system S 3

The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)


  $\alpha_w = 0.80$  | NRC = 0.80


Sinfonia Balance









  $\alpha_w = 0.80$  | NRC = 0.80


Sinfonia Balance RAL

Sinfonia Balance is available in 213 different RAL colours. Feel free to ask us for your desired colour tone.

## OWAcoustic premium

## Possible system combinations

     							
<b>Exposed</b>						<b>Bandraaster</b>	<b>Clear spanning</b>
S 3	S 3 cliq	S 3a	S 3a cliq	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





Surface example | Sinfonia c

<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White (RAL colours available on request)
<b>Thickness</b>	15 mm or 20 mm nom. <sup>°</sup>
<b>Light reflection</b>	Approx. 87 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,fw}$ = up to 36 dB, CAC = up to 36 dB
<b>Humidity resistance</b>	 up to 95 % RH
<b>Cleanroom class<sup>▲</sup></b>	Particular class ISO 5 (ISO 14644-1:1999)


\* Dependent on size, system, soffit and other project specific factors

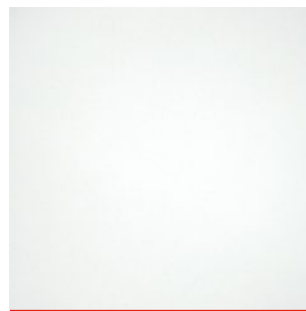
<sup>°</sup> Dependent on system

<sup>▲</sup> Tested with system S 3


The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)



  $\alpha_w = 0.70$  | NRC = 0.70



Sinfonia c

  $\alpha_w = 0.70$  | NRC = 0.70









Sinfonia c RAL

Sinfonia c is available in 213 different RAL colours. Feel free to ask us for your desired colour tone.

## OWAcoustic premium

### Possible system combinations

   					
(Semi-) concealed				Bandraster	Clear spanning
S 9a	S 9b	S 19	S 2p	S 18p	S 6a

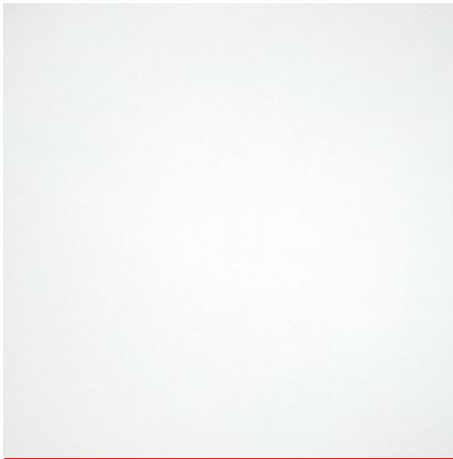
You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.





## Sinfonia Privacy







Surface example | Sinfonia Privacy


<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colours</b>	White (RAL colours available on request)
<b>Thickness</b>	20 mm nom.
<b>Light reflection</b>	Approx. 87 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,fw}$ = up to 40 dB, CAC = up to 41 dB
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 180 (EN 13501-2)
<b>Cleanroom class*</b>	Particular class ISO 5 (ISO 14644-1:1999)

\* Dependent on size, system, soffit and other project specific factors

▲ Tested with system S 3


The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

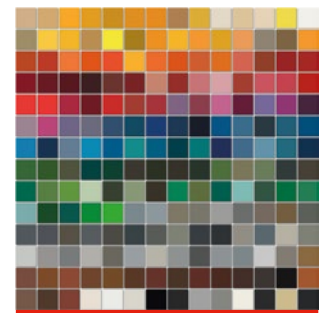


  $\alpha_w = 0.70$  | NRC = 0.70



Sinfonia Privacy

  $\alpha_w = 0.70$  | NRC = 0.70














Sinfonia Privacy RAL

Sinfonia Privacy is available in 213 different RAL colours. Feel free to ask us for your desired colour tone.

## OWAcoustic premium

### Possible system combinations

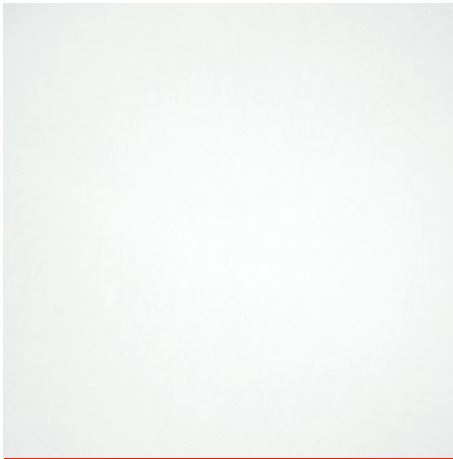
Exposed						Semi-concealed	Bandraster		Clear spanning	
										
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	S 2p	S 18p	S 18d	S 6a	S 6c

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






## Sinfonia Reflecta





Sinfonia Reflecta

<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm nom.
<b>Light reflection</b>	Approx. 87 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw} = 35 \text{ dB}$ , CAC = 37 dB
<b>Sound absorption</b>	 $\alpha_w = 0.15$   NRC = 0.15
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 180 (EN 13501-2)
<b>Cleanroom class*</b>	Particular class ISO 5 (ISO 14644-1:1999)

\* Dependent on size, system, soffit and other project specific factors







▲ Tested with system S 3

The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)



## OWAcoustic premium

### Possible system combinations

					
<b>Exposed</b>					<b>Bandraster</b>
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 18d

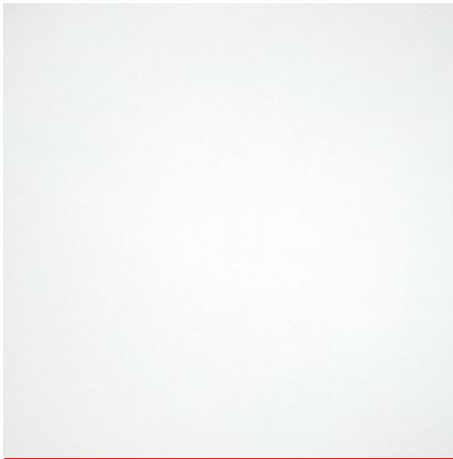
You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.





## Sinfonia Silencia







Surface example | Sinfonia Silencia


<b>Material</b>	Mineral tile, fleece covered
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White (RAL colours available on request)
<b>Thickness</b>	20 mm nom.
<b>Light reflection</b>	Approx. 87 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,fw} = 24$ dB, CAC = 24 dB
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 45 (EN 13501-2)
<b>Cleanroom class<sup>Δ</sup></b>	Particular class ISO 5 (ISO 14644-1:1999)

\* Dependent on size, system, soffit and other project specific factors

<sup>Δ</sup> Tested with system S 3


The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

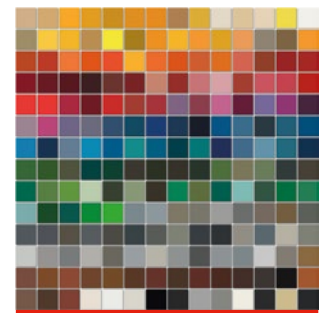


  $\alpha_w = 1.00$  | NRC = 1.00



Sinfonia Silencia

  $\alpha_w = 1.00$  | NRC = 1.00













Sinfonia Silencia RAL

Sinfonia Silencia is available in 213 different RAL colours. Feel free to ask us for your desired colour tone.

## OWAcoustic premium

### Possible system combinations

									
<b>Exposed</b>							<b>Bandraaster</b>	<b>Clear spanning</b>	
S 3	S 3 cliq	S 3a	S 3a cliq	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.





Surface example | Constellation

## Material

Mineral tile

## Reaction to fire

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

## Colour

White (RAL colours available on request)

## Thickness

15 mm or 20 mm nom.°

## Light reflection

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

## Sound reduction\*

$D_{n,fw}$  = up to 37 dB, CAC = up to 37 dB

## Humidity resistance

 up to 95 % RH

## Resistance to fire\*


 up to REI 180 (EN 13501-2)

\* Dependent on size, system, soffit and other project specific factors

° Dependent on system


The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

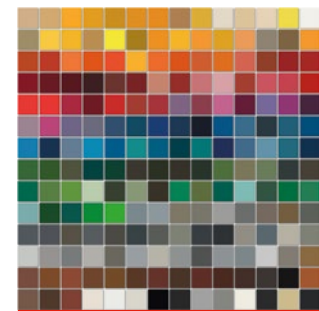


  $\alpha_w = 0.70$  | NRC = 0.70



Constellation

  $\alpha_w = 0.70$  | NRC = 0.70























Constellation RAL

Constellation is available in 213 different RAL colours. Feel free to ask us for your desired colour tone.

## OWAacoustic premium

### Possible system combinations

Exposed							(Semi-) concealed							Bandraster			Clear spanning		
																			
S 3	S 3 cliq	S 3a	S 3a cliq	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 18k	S 18d	S 6a	S 6b	S 6c

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

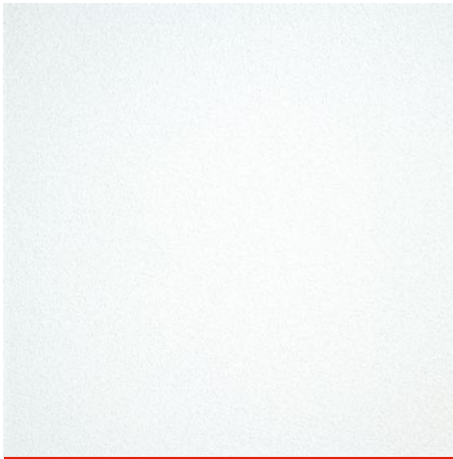






Cosmos







Surface example | Cosmos/O


<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm or 20 mm nom. <sup>o</sup>
<b>Light reflection</b>	Approx. 84 (ISO 7724-2, ISO 7724-3) (Cosmos/N) Approx. 88 (ISO 7724-2, ISO 7724-3) (Cosmos/O)
<b>Sound reduction*</b>	$D_{n,f,w}$ = up to 37 dB, CAC = up to 37 dB (needed) $D_{n,f,w}$ = up to 41 dB, CAC = up to 41 dB (un-needed)
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 180 (EN 13501-2)

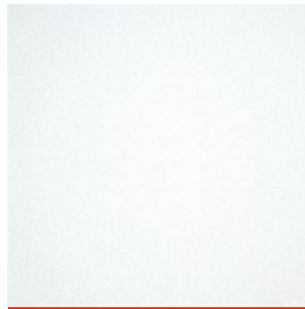
\* Dependent on size, system, soffit and other project specific factors

<sup>o</sup> Dependent on system


The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

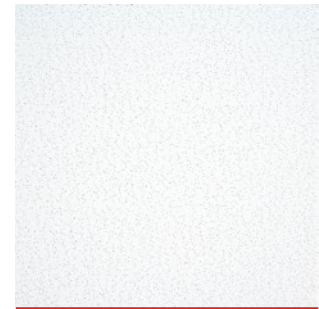


  $\alpha_w = 0.15$  | NRC = 0.15



Cosmos/O





  $\alpha_w = 0.65$  | NRC = 0.65



Cosmos/N

## OWAacoustic premium

### Possible system combinations

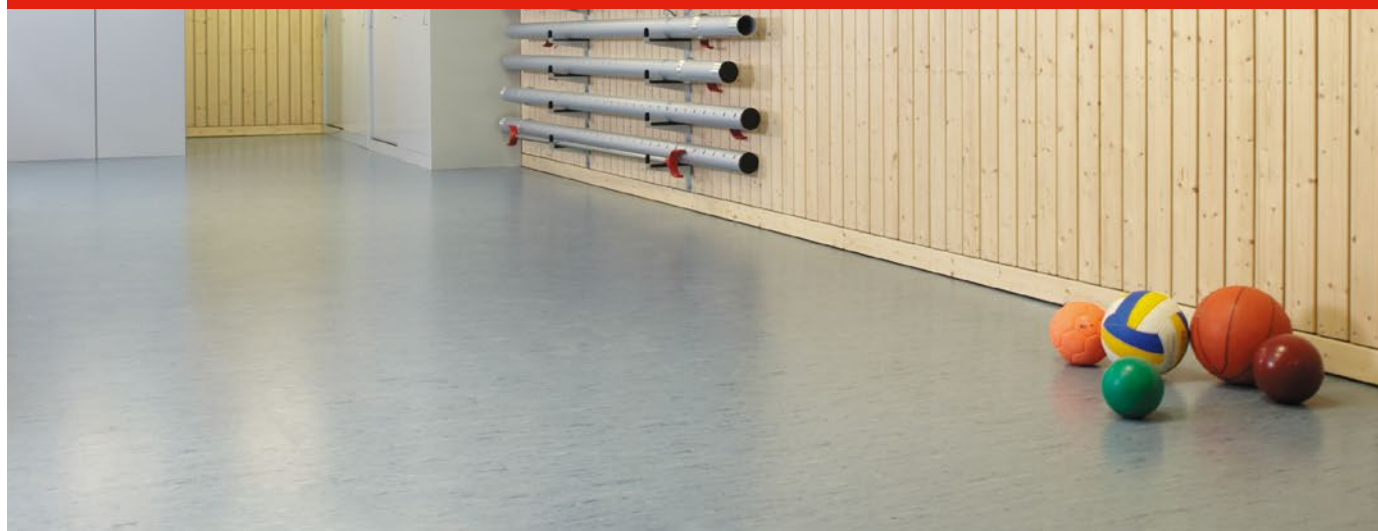
																			
Exposed							(Semi-) concealed							Bandrastrer			Clear spanning		
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	S 15b	S 1	S 9a	S 9b	S 19*	S 2a	S 2b	S 2p	S 18p	S 18k	S 18d	S 6a	S 6b	S 6c

\* Only Cosmos/N

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





Cosmos/N sports





Cosmos/N sports

<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	40 mm nom.
<b>Light reflection</b>	Approx. 84 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,fw}$ = up to 42 dB, CAC = up to 42 dB
<b>Sound absorption</b>	 $\alpha_w = 0,60$   NRC = 0,60
<b>Humidity resistance</b>	 up to 95 % RH

\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

## OWAcoustic premium

### Possible system combinations



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






Finetta







Finetta

<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm nom.
<b>Light reflection</b>	Approx. 88 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw}$ = up to 37 dB, CAC = up to 37 dB
<b>Sound absorption</b>	 $\alpha_w = 0.70$   NRC = 0.70
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 180 (EN 13501-2)
<b>Cleanroom class<sup>▲</sup></b>	Particular class ISO 5 (ISO 14644-1:1999)

\* Dependent on size, system, soffit and other project specific factors









▲ Tested with system S 3

The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

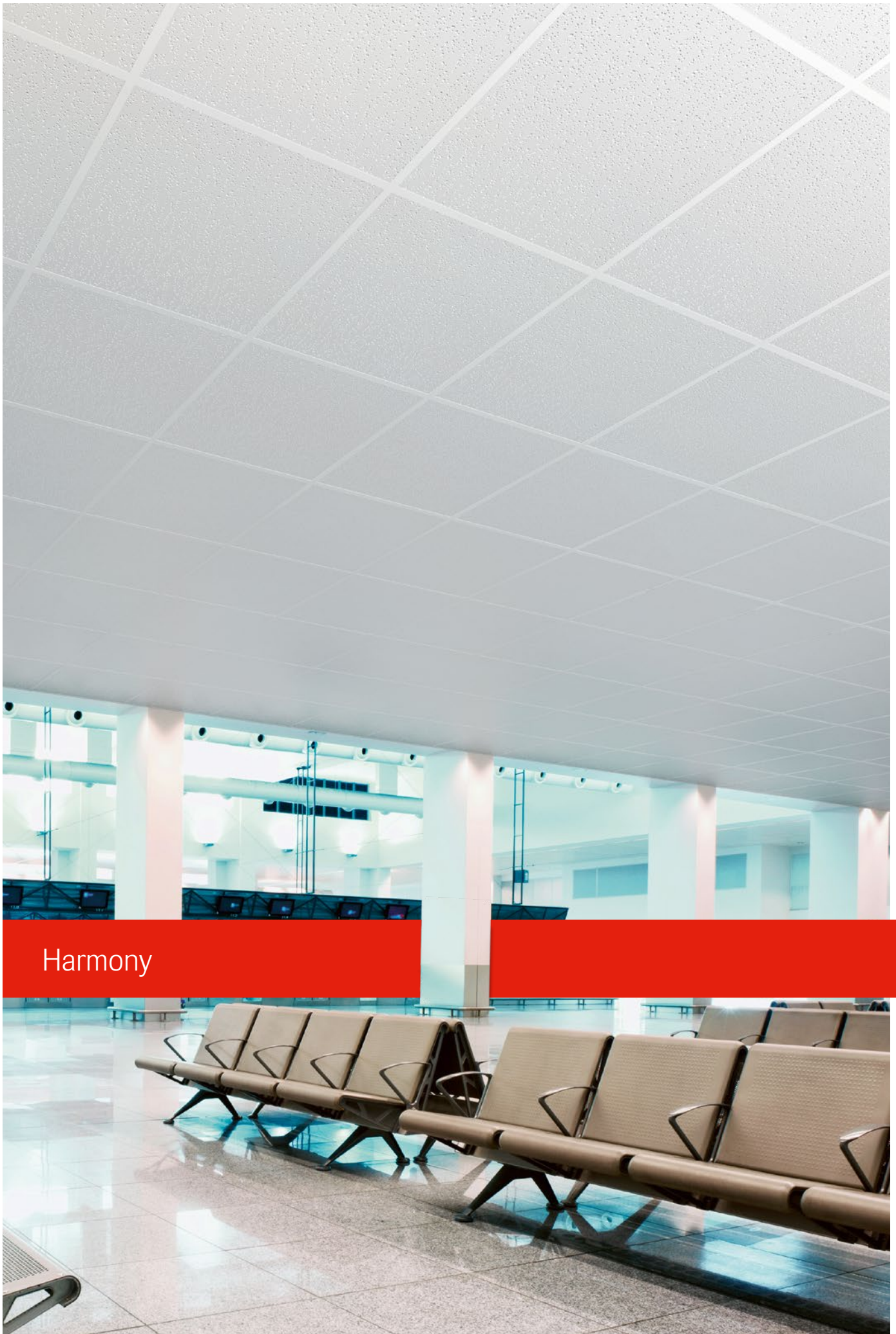


## OWAcoustic premium

### Possible system combinations

							
<b>Exposed</b>						<b>Concealed</b>	<b>Bandrafter</b>
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	S 1	S 18d




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



Harmony



Harmony

<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm or 20 mm nom. <sup>°</sup>
<b>Light reflection</b>	Approx. 86 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw}$ = up to 37 dB, CAC = up to 37 dB
<b>Sound absorption</b>	 $\alpha_w = 0.60$   NRC = 0.65
<b>Humidity resistance</b>	 up to 90 % RH
<b>Resistance to fire*</b>	 up to REI 180 (EN 13501-2)

\* Dependent on size, system, soffit and other project specific factors











<sup>°</sup> Dependent on system

The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)



## OWAcoustic premium

### Possible system combinations

									
<b>Exposed</b>						<b>Concealed</b>			<b>Bandraster</b>
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	S 1	S 9a	S 9b	S 18d

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








Multi Alpha







Multi Alpha

<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm or 20 mm nom.
<b>Light reflection</b>	Approx. 88 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,fw} = 30 \text{ dB}$ , CAC = 32 dB
<b>Sound absorption</b>	 $\alpha_w = 0.90$   NRC = 0.90
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 60 (EN 13501-2)





\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

## OWAcoustic premium

### Possible system combinations

			
<b>Exposed</b>			<b>Bandraster</b>
S 3	S 3 cliq	S 15 cliq	S 18d

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






Plain





Plain

<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm or 20 mm nom. <sup>°</sup>
<b>Light reflection</b>	Approx. 91 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw}$ = to 41 dB, CAC = to 41 dB
<b>Sound absorption</b>	 $\alpha_w = 0.15$   NRC = 0.15
<b>Humidity resistance</b>	 up to 95 % RH
<b>Resistance to fire*</b>	 up to REI 180 (EN 13501-2)

\* Dependent on size, system, soffit and other project specific factors











<sup>°</sup> Dependent on system

The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)



## OWAacoustic premium

### Possible system combinations

									
<b>Exposed</b>						<b>Concealed</b>			<b>Bandraster</b>
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	S 1	S 9a	S 9b	S 18d

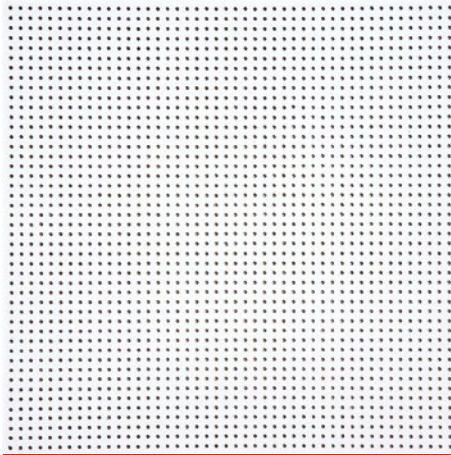
You can find possible dimensions in the OWAlifetime collection price list DS 9001 e.








Regular perforated





Regular perforated  
(hole diameter approx. 4.5 mm)

<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	15 mm nom.
<b>Light reflection</b>	Approx. 84 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw}$ = up to 37 dB, CAC = up to 37 dB
<b>Sound absorption</b>	 $\alpha_w = 0.70$   NRC = 0.75
<b>Humidity resistance</b>	 up to 90 % RH
<b>Resistance to fire*</b>	 on request







\* Dependent on size, system, soffit and other project specific factors



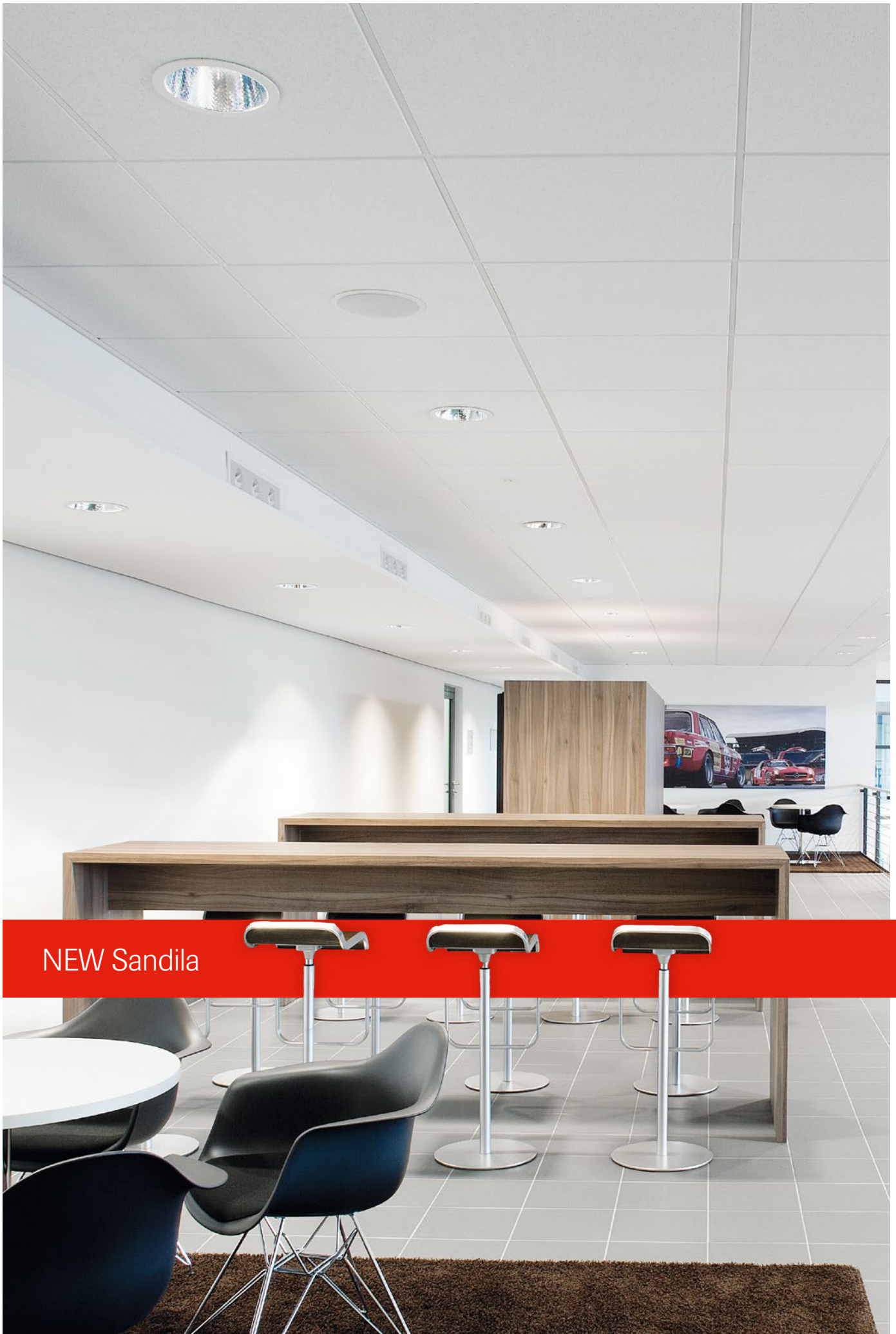
The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

## OWAcoustic premium

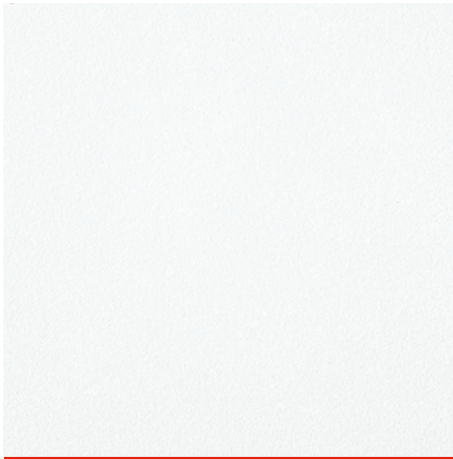
### Possible system combinations

					
<b>Exposed</b>					<b>Concealed</b>
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 1



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



NEW Sandila




Surface example | NEW Sandila/O

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

\* Dependent on size, system, soffit and other project specific factors




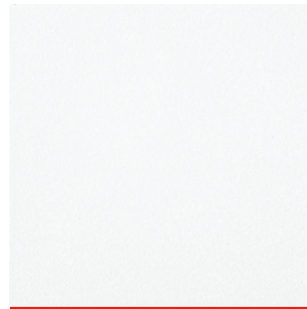
The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

  $\alpha_w = 0.65$  | NRC = 0.75




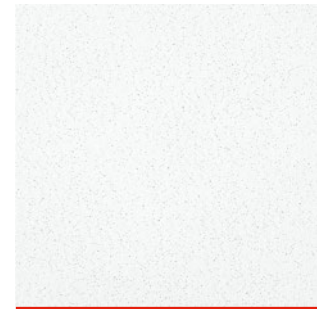
NEW Sandila NRC

  $\alpha_w = 0.15$  | NRC = 0.15



NEW Sandila/O








  $\alpha_w = 0.60$  | NRC = 0.65



NEW Sandila/N

## OWAcoustic premium

### Possible system combinations

						
<b>Exposed</b>						<b>Bandraster</b>
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq	S 15a cliq	S 18d

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

<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	14 mm nom.
<b>Light reflection</b>	Approx. 88 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw} = 29 \text{ dB}$ , CAC = 31 dB
<b>Sound absorption</b>	 $\alpha_w = 0.60$   NRC = 0.60
<b>Humidity resistance</b>	 up to 90 % RH
<b>Resistance to fire*</b>	 up to REI 120 (EN 13501-2)






\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

## OWAacoustic smart

### Possible system combinations




				
<b>Exposed</b>				
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq

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

Finetta smart



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 120 (EN 13501-2)






\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

OWAcoustic smart




Possible system combinations

				
Exposed				
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq

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



Harmony smart

<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	14 mm nom.
<b>Light reflection</b>	Approx. 86 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,fw} = 29 \text{ dB}$ , CAC = 31 dB
<b>Sound absorption</b>	 $\alpha_w = 0.60$   NRC = 0.65
<b>Humidity resistance</b>	 up to 90 % RH
<b>Resistance to fire*</b>	 up to REI 120 (EN 13501-2)






\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

## OWAacoustic smart

### Possible system combinations




				
<b>Exposed</b>				
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq

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

Plain smart



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*	$D_{n,fw} = 33 \text{ dB}$ , CAC = 35 dB
Sound absorption	 $\alpha_w = 0.15$   NRC = 0.15
Humidity resistance	 up to 90 % RH
Resistance to fire*	 up to REI 120 (EN 13501-2)






\* Dependent on size, system, soffit and other project specific factors



The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

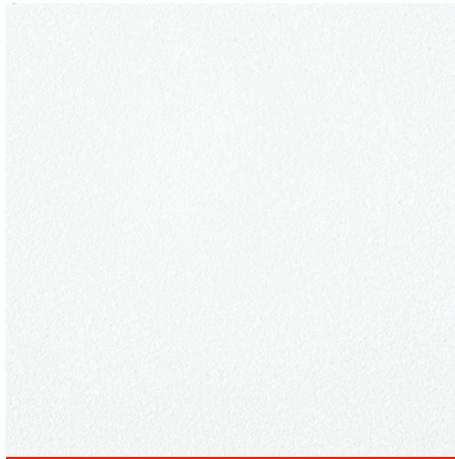
OWAcoustic smart

Possible system combinations

				
Exposed				
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq

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






Surface example | NEW Sandila/O smart

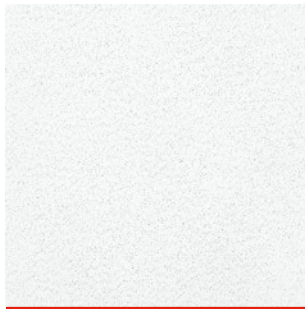
<b>Material</b>	Mineral tile
<b>Reaction to fire</b>	A2-s1,d0 in accordance with EN 13501-1
<b>Colour</b>	White
<b>Thickness</b>	14 mm nom.
<b>Light reflection</b>	Approx. 87 (ISO 7724-2, ISO 7724-3)
<b>Sound reduction*</b>	$D_{n,tw} = 29$ dB, CAC = 31 dB (Sandila NRC and Sandila/N) $D_{n,tw} = 33$ dB, CAC = 35 dB (Sandila/O)
<b>Humidity resistance</b>	 up to 90 % RH
<b>Resistance to fire*</b>	 up to REI 120 (EN 13501-2)

\* Dependent on size, system, soffit and other project specific factors




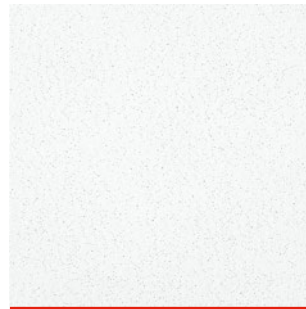
The detailed product specifications can be found in our data sheets at [www.owa-ceilings.com](http://www.owa-ceilings.com)

  $\alpha_w = 0.65$  | NRC = 0.70




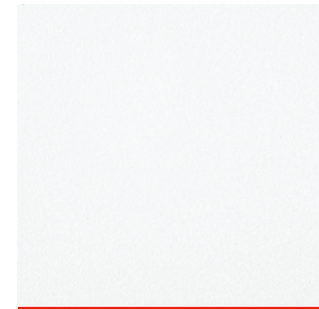
NEW Sandila NRC smart

  $\alpha_w = 0.55$  | NRC = 0.60



NEW Sandila/N smart






  $\alpha_w = 0.15$  | NRC = 0.15



NEW Sandila/O smart

## OWAacoustic smart

### Possible system combinations

				
<b>Exposed</b>				
S 3	S 3 cliq	S 3a	S 3a cliq	S 15 cliq

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

Notes

## Notes

# OWAcoustic surface patterns

---



The information in this brochure is up-to-date at the time of publication. Errors and mistakes excepted. Please contact our competence team OWAcoustic 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](mailto:info@owaconsult.de)

**Odenwald Faserplattenwerk GmbH**

Dr.-F.-A.-Freundt-Straße 3 | 63916 Amorbach | Germany  
tel +49 9373 201-0 | [info@owa.de](mailto:info@owa.de)  
[www.owa-ceilings.com](http://www.owa-ceilings.com)