



Individual ceiling design





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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 concealed grid mineral tile that replicates the surface appearance of concrete and provides great sound absorption.



Opus | printed

 $\alpha_w = 0.70$ | NRC = 0.65

Installation example Frame



packet 1	packet 2	packet 3	packet 4
1-8	1-8	1-8	1-8

--> Installation from left to right -->
(1 packet contains 8 tiles)

Technical data | mineral tiles



	Ceilings	Wall
Dimensions	600 x 600 mm, 625 x 625 mm	2000 x 312.5 mm, 2500 x 312.5 mm
Systems	S 19 Teccor See system leaflet S 19	Frame See OWA-brochure no. 1569 Frame
Material	Mineral tile	
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1	
Thickness	Approx. 20 mm (OWAcoustic® premium)	
Colour	Printed surface (tiles printed with random concrete effect)	
Light reflection	On request	
Moisture resistance	up to 80 % RH (System S 19)	up to 95 % RH (Frame)



OWAcoustic® premium Opus

The Romans named their new, innovative building material “Opus Caementitium”. Today, “Concrete” is the basis of our modern architecture and provides its very own, distinctive appearance. OWA has now captured the cool visual effect of concrete, combined it with the high sound absorbing qualities of OWAcoustic® ceiling tiles and created a new exciting concept for designers – OWAcoustic® premium Opus.

Aesthetics and performance in harmony

OWAcoustic® premium Opus has been developed for interior environments where designers require the cool, visual appearance of concrete combined with high levels of sound absorption. With a sound absorption coefficient of 0.70 (α_w), OWAcoustic® Opus can dramatically improve the quality of room acoustics by controlling the reverberation time, improving speech intelligibility and providing a more comfortable, acoustic environment. The combination of acoustic performance and stunning visual effect is something you must experience.

Elegance for ceilings and walls

Available in module sizes 600 x 600 mm and 625 x 625 mm, OWAcoustic® premium Opus ceiling tiles are installed in our Teccor concealed suspension system S 19 (see system leaflet S 19). This provides an elegant, easily accessible, concealed system with a subtle shadow line joint and a simulated concrete appearance. OWAcoustic® premium Opus can also be used on the walls – system details are available on request.

For creative room designs

Providing the visual impact of concrete and the performance benefits of OWA mineral wool ceiling tiles, OWAcoustic® premium Opus allows the designer to create a visually stunning interior that can offer acoustic control and fire resistance.



Acoustic class, optical finesse

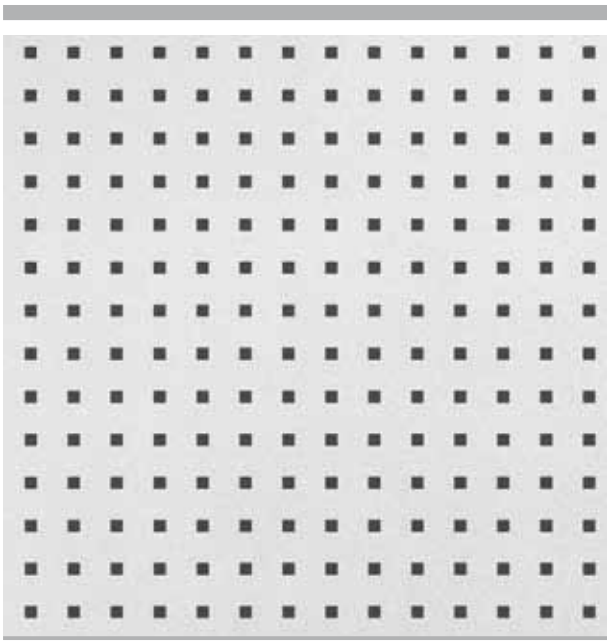
Chess

“Form follows function”, or so the saying goes. Thank goodness there are creative exceptions now and again! With the ceiling tiles in the Chess design, acoustic performance meets optical finesse at the same level.


The fleece covered mineral tiles in this series stand out thanks to the outstanding sound absorption level of $NRC = 0.85$ – great performance, ideal for rooms with the highest demands in relation to music and/or speech intelligibility.

The trick behind Chess: a discreet, printed square hole pattern allows the technical properties of the tiles to stand out optically as well. For interesting, but also elegantly conservative, surface textures.







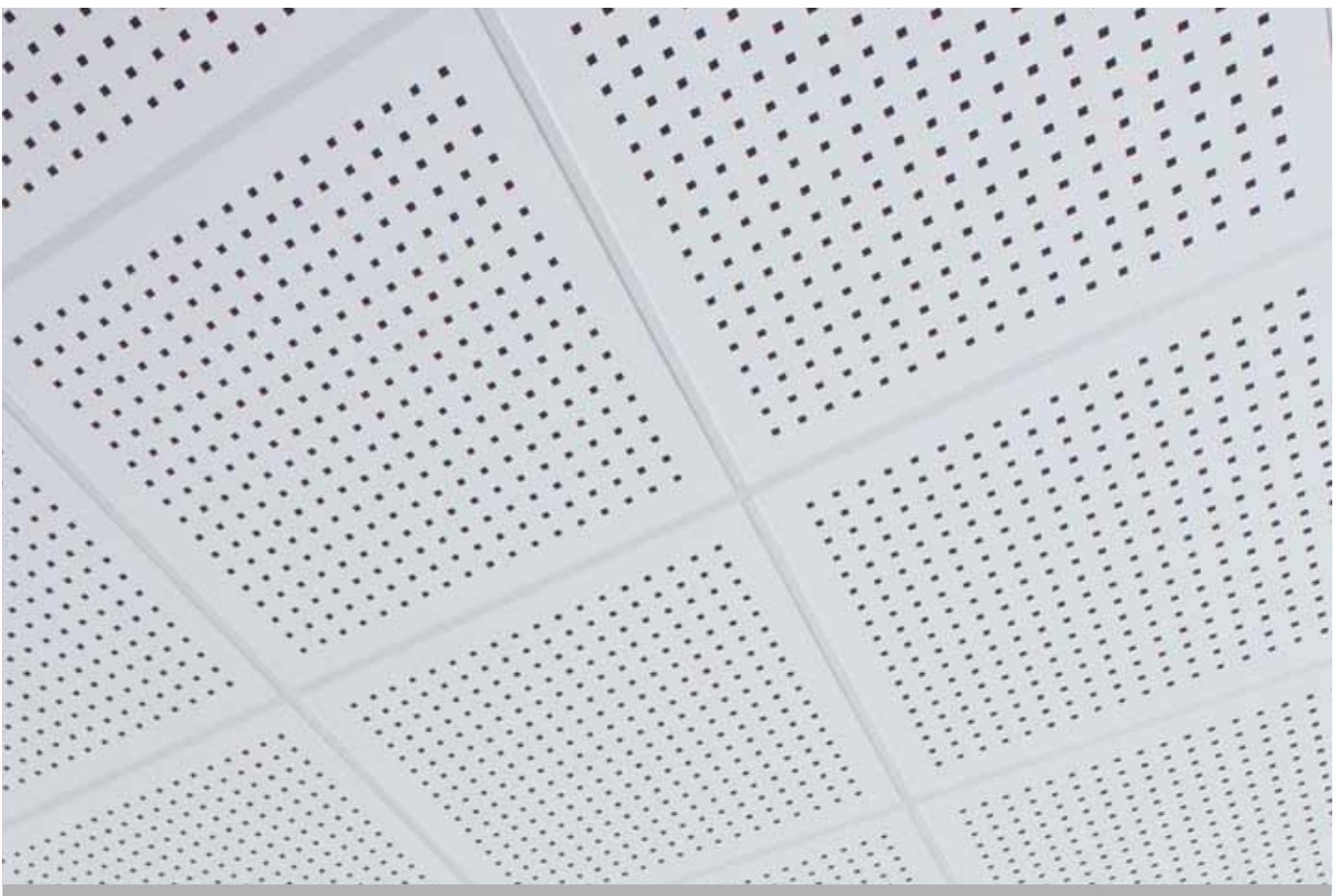
Chess | printed


 $\alpha_w = 0.85$ | NRC = 0.85

Technical data | mineral tiles



Dimensions	600 x 600 mm, 610 x 610 mm (24" x 24"), 625 x 625 mm
Systems	S 3, S 3 cliq, S 15 cliq
Material	Mineral tiles, fleece-covered
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Thickness	Approx. 15 mm (OWAcoustic® premium)
Colour	White, printed surface Chess Qg 8830
Light reflection	On request
Moisture resistance	 up to 95 % RH
Resistance to fire	 up to REI 120 (EN 13501-2) dependent on system, soffit and other project specific factors



A stylish balance between form and function

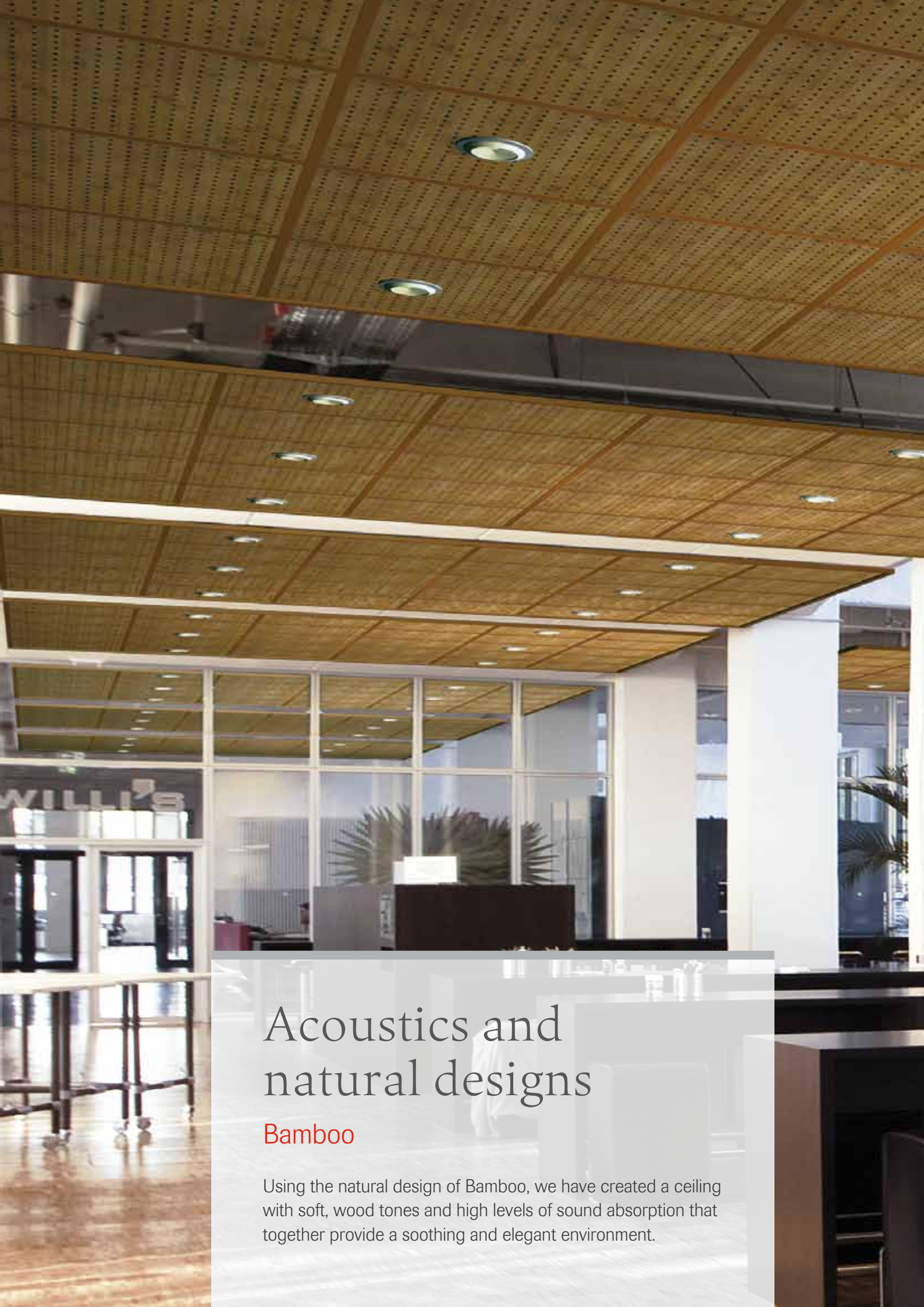
A high-absorption acoustic ceiling can really be so aesthetic! Whether with perforations all over or sparingly accentuated in a stylish manner: the printed hole pattern produces interesting surface textures with a modern, technically refined look-and-feel. Furthermore, without the usual hygiene and fire protection disadvantages that perforated acoustic ceilings generally display.

Plus the best fire resistance

On the contrary, in addition to very good acoustic properties, the mineral tiles in Chess design stand out thanks to their outstanding fire resistance qualities (in the system up to REI 120). This means the tiles are not only the perfect solution for trend-conscious offices and meeting rooms, but also for modern hotels, congress and concert halls, restaurants, clubs and so on. Another advantage: the tiles can be combined simply and quickly with elements from the OWA-construct® program to create an overall system with certified fire resistance.

Chess design with a difference

End-to-end homogenous ceilings generally provide unobtrusive surface structures, which are generally suitable for rooms with lower ceilings and clear functionality. However, those who wish to create highlights on the ceiling and thus – in the true sense of the word – “cause a real stir”, will find an appropriate alternative with the finely patterned Chess tiles. The smooth, brilliantly white backing of the fleece-laminated tiles fit in well with other mineral tiles from the OWA range. The discreet, printed chequered pattern sets accents, without standing out too much. A real understatement, therefore!

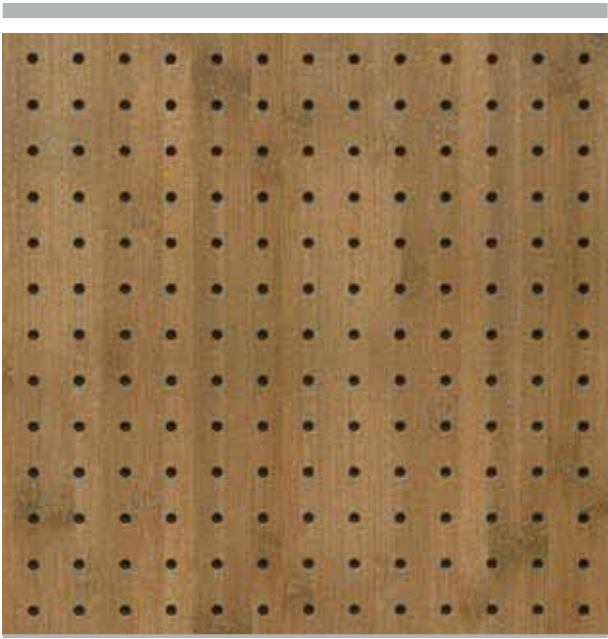


Acoustics and natural designs

Bamboo

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





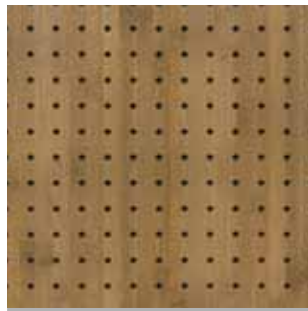
Surface example | Bamboo dark | regular perforated

$\alpha_w = 0.70$ | NRC = 0.65

$\alpha_w = 0.55$ | NRC = 0.60



Bamboo natural colour | Constellation*



Bamboo dark | regular perforated*

* also available in Plain ($\alpha_w = 0.15$ | NRC = 0.15)

Technical data | mineral tiles



Dimensions	600 x 600 mm, 610 x 610 mm (24" x 24"), 625 x 625 mm
Systems	S 3, S 19 Teccor (only available for Constellation and regular perforated)
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Thickness	Approx. 15 mm or 20 mm (OWAcoustic® premium)
Colour	Printed surface, Bamboo natural colour or dark
Light reflection	On request
Moisture resistance	up to 95 % RH
Resistance to fire	up to REI 120 (EN 13501-2) dependent on system, soffit and other project specific factors



Nature for new interior concepts

We want to make available that unique touch of Asian living culture and match that with modern acoustical requirements and fire protection regulations. OWAacoustic® premium Bamboo is an elegant counterpart to wooden floors and also, “solo”, as an acoustical ceiling in lavish entrance halls, waiting areas, conference rooms and cozy restaurants.

Elegant construction

The warm, harmonious and natural look of the tiles is being underlined by system S 19 Teccor or S 3 with matching colour construction system. Result: elegant ceiling surface in a new and restrained natural design.

Performance in Bamboo-Style

OWAacoustic® premium Bamboo offers top acoustical performance (basis are tiles; Plain, Constellation or Regular perforated, with acoustical absorption up to $\alpha_w = 0.70$) and combines that with the look of real bamboo. The printed surfaces are available in Bamboo natural colour and dark and three different designs.

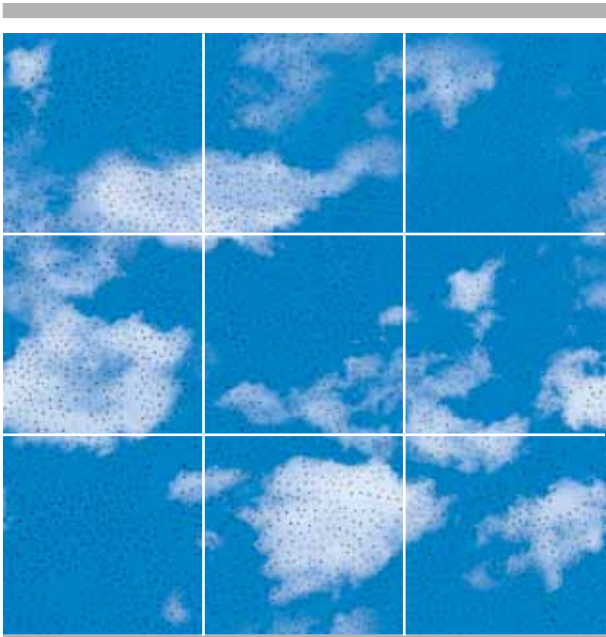




Creativity at your fingertips

Creaprint

Company logo, pictures, directions, symbols, instructions or the creation of special environments such as jungles and skies, all can be printed on OWA ceiling tiles using our creative printing service "Creaprint". Select from library pictures or send us your own hi-res images and we will put them in the ceiling on a single, on multiple tiles or a complete ceiling; the only limitation is your imagination.

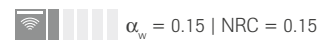
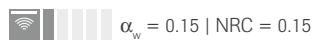
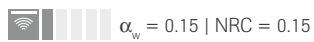
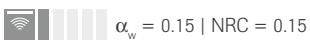


Surface example | Creaprint | Constellation | Cloudy sky *
(available as complete set, 9 pcs.)

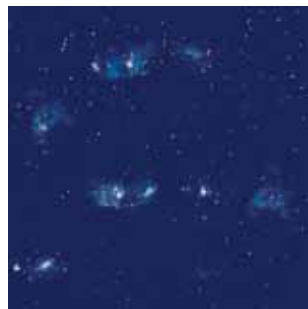


* These motifs can be provided by OWA.
All of the other images are purely design examples.

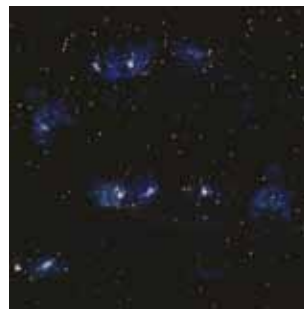
You may send us individual motifs at any time.
Please see our information sheet „Data guidelines for digital large-scale printing“ with regard to the size of the image.



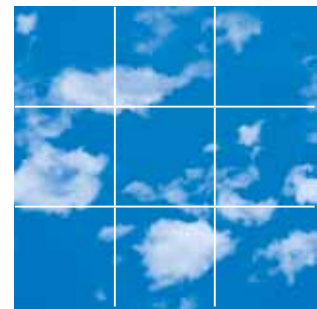
Creaprint | Plain | Starry sky *



Creaprint | Plain | Galaxy blue *



Creaprint | Plain | Galaxy black *





Creaprint | Plain | Cloudy sky *
(available as complete set, 9 pcs.)

All designs are also available as Constellation ($\alpha_w = 0.70$ | NRC = 0.65)

Technical data | mineral tiles



Dimensions	600 x 600 mm, 610 x 610 mm (24" x 24"), 625 x 625 mm
Systems	S 3, S 3 cliq, S 15 cliq
Material	Mineral tile
Reaction to fire	A2-s1,d0 in accordance with EN 13501-1
Thickness	Approx. 15 mm (OWAcoustic® premium)
Colour	Printed individually
Light reflection	Dependent on colour print
Moisture resistance	 up to 95 % RH
Resistance to fire	 up to REI 180 (DIN EN 13501-2) dependent on system, soffit and other project specific factors



How does the picture get to the ceiling?

Quite simply! You just supply us with your artwork or picture and tell us how you would like your design positioned. We then prepare a layout plan showing exactly where the individual tiles are to be positioned in the ceiling. The numbered ceiling tiles are then installed exactly to this layout plan. Your design artwork can be supplied to us in a photograph, transparency or digital film format. The choice is yours.

Is it possible to apply to an existing ceiling?

No problems! The system is specifically for exposed grid suspension systems such as S 3 or S 15 from the OWAconstruct® programme. It just requires the old ceiling tiles to be removed and replaced by the creaprint tiles produced to your design requirement.

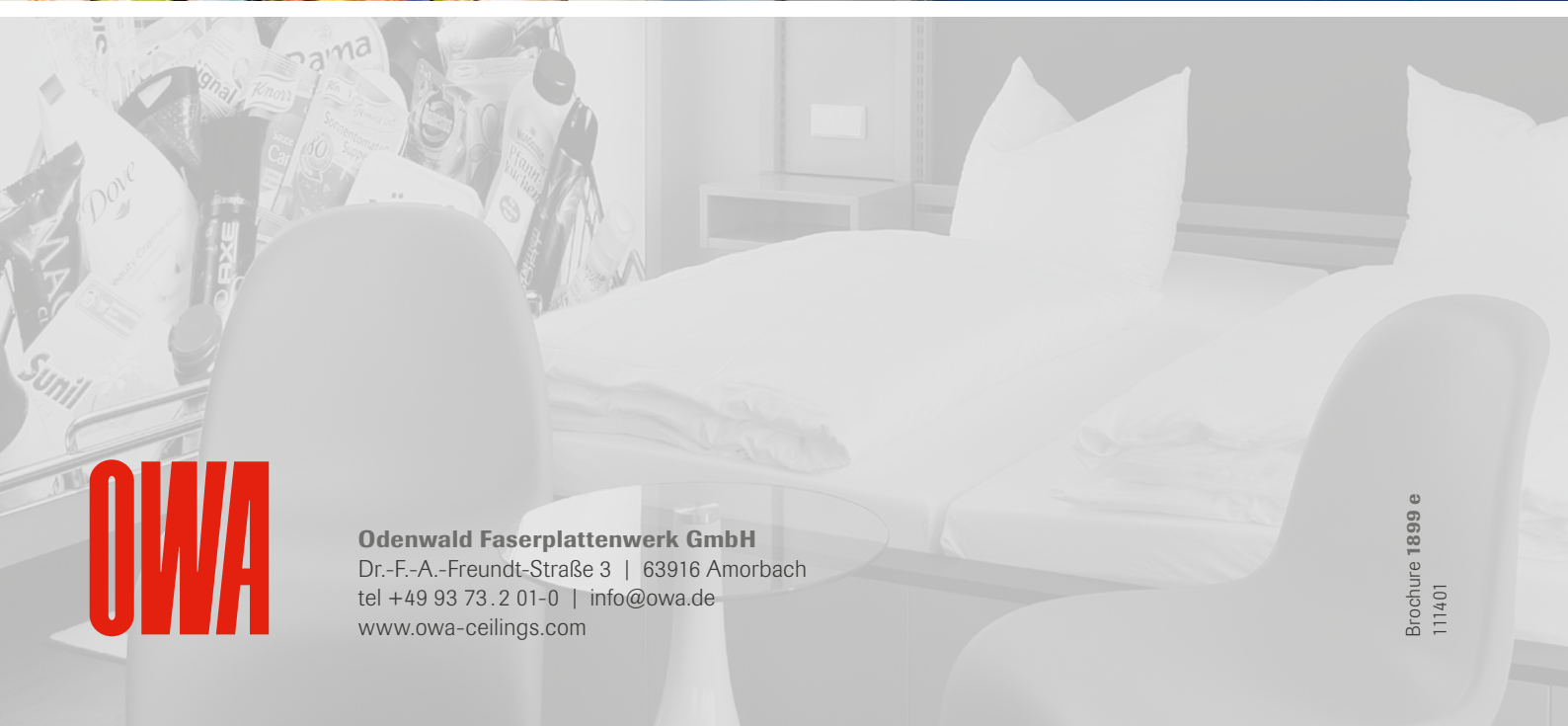
Recommended tile surface

To guarantee the very best clean printed results we recommend the use of Plain or Constellation surface patterns. Where there is a requirement for good room acoustics use Constellation which will provide even better sound absorption values.

Simple installation to plan

Exposed grid suspension systems S 3 and S 15 from the OWAconstruct® suspension programme will provide a simple and rapid framework for your creaprint ceiling designs.

For further information please consult the system leaflets S 3, S 3 cliq and S 15 cliq.



OWA

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