



We develop solutions

Acoustic Ceilings
Fire Protection Ceilings
Hygenic Ceilings

OWA



Welcome to OWA South Africa



Who we are

OWA has been established in South Africa since circa.1984 as a specialist manufacturer and supplier of materials for ceilings, partitions and insulation. You will find us in Johannesburg, Cape Town, Durban, Port Elizabeth and East London providing a distribution and service network throughout Southern Africa.

Our Objective

Interiors should not only look good but they should fulfil the specific requirements of the building into which they are to be installed. Aspects such as acoustics, noise control and fire resistance need to be incorporated every time! OWA strives to provide such requirements whilst sustaining the unique design functionality that ensures architectural satisfaction.



OWA Internationally

OWA South Africa is directly affiliated to OWA Germany and OWA China, the manufacturing hubs, together with all the other OWA companies that make up OWA's Global Operations.

Our products are resultantly of the highest quality and meet all the appropriate international design criteria. OWA systems also conform to the stringent demands of the LEED programme (Leadership in Energy and Environmental Design).

This certification for commercial and residential buildings is headed to becoming the recognised global barometer for environmentally compatible building construction.

Learn more about OWA International www.owa.de

OWAcoustic Mineral Fibre Ceiling Panels



The manufacture of OWAcoustic mineral fibre ceiling panels now incorporates a new raw material – white mineral wool – produced from a blend of sand, limestone and recycled glass. These natural materials combine and evolve as a high quality mineral wool that is free from any harmful substances that could pose a health risk and which more than fulfils all current national and international standards.

The OWAcoustic RAL Certificate reaffirms and guarantees both the health and safety aspects and the overall quality of the product.



Today's OWAcoustic ceiling panels, manufactured from the new white mineral wool, maintain all the superb characteristics and unbeatable technical standards that have epitomised OWA products. The name OWAcoustic is synonymous with the highest levels of fire protection, acoustical control, noise reduction and thermal insulation, as well as offering the widest choice of surface patterns and compatible OWAconstruct suspension systems.

The standard white surface finish of OWAcoustic mineral fibre ceiling panels comprises only natural pigments applied as a solvent free dispersion paint coating.

Technical Data

Mineral Fibre Ceiling Panels

Board density	330kg/m ³
Weight	Nominal 5.0 kg/m ²
Coefficient of Thermal Conductivity	0.063W/mK.
Light reflection	Nominal 90%.
Fire protection	Up to 120 minutes resistance (system dependent).
Installation	<p>Good workmanship and balanced environmental site conditions are pre-requisites for a high quality ceiling installation. Only OWAconstruct suspension systems should be used in conjunction with OWAcoustic mineral fibre ceiling panels and it is very important to note:</p> <ul style="list-style-type: none"> • All areas must be completely dry prior to the installation of the ceiling panels. • All wet trades must be completed. • All doors, windows and openings to the outside air must be permanently glazed or closed. • HVAC must be installed and operable to occupational levels.



Acoustics



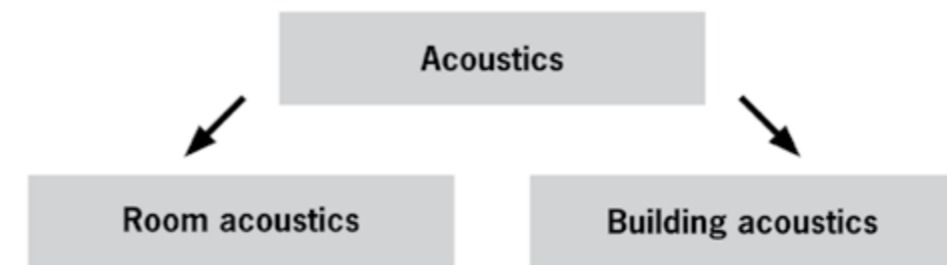
Acoustics

Introduction

The continuous increase of noise levels in everyday life give sound protection an ever more important role, particularly in modern high rise developments. We are all entitled to live and work in a comfortable acoustic environment and to achieve this all project partners should be involved in the planning.

OWAcoustic® Ceiling Systems can be used to provide a number of acoustic benefits.

The following simple chart shows the dual acoustic functions that can be provided by the installation of the correct OWAcoustic® Ceiling System.



- To optimize reverberation time
- To decrease noise levels L [dB] in production workshops areas

- To increase the airborne sound insulation R_w [dB] of solid and timber beam soffits as well as simple roof constructions
- To improve the linear airborne sound reduction $D_{n,c,w}$ [dB] between adjacent areas

Room Acoustics

As a division of acoustics, room acoustics are concerned with the internal characteristics of specific areas. Wherever possible the proposed use of the room should be taken into account at the design stage. If the primary use requires good speech intelligibility, the interior design of the room will be different from that of a room whose primary use is music practice or recital. Where a room is to be used for both purposes a degree of compromise is required.

The most important factors which influence the acoustic quality of an area:

- Location of the room within the building
- Sound insulation of the adjacent construction
- Sound generation from services
- Area shape and size (primary structure)
- Sound absorption characteristic of all surfaces (secondary structure)
- Furniture and equipment within the room (secondary structure)
- Dimensions and spatial distribution of sound absorbing and reflective surfaces

OWAcoustic Ceiling Panel Designs



Introduction

OWAcoustic mineral fibre ceiling panels are designed to reduce echo and reverberation within office spaces, recording studios, call centres, and various other applications.

With more and more buildings being designed as open plan, the need for premium acoustics has become

increasingly apparent with architects and developers alike.

With OWA's complete range of ceiling panels and suspension systems, we can cater for all your aesthetic and practical needs.

[View our online gallery](#)
Click here

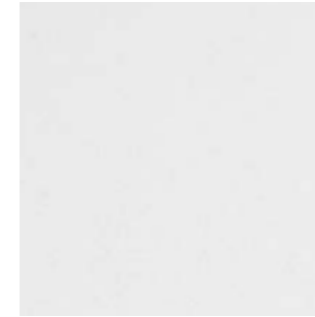
Owa Revit files available
[Download from our website](#)



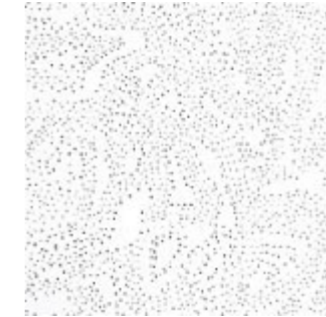
OWAcoustic Ceiling Panel Designs

Product List

Sinfonia White



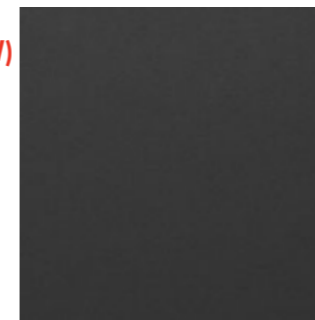
Piano (NEW)



Cosmos



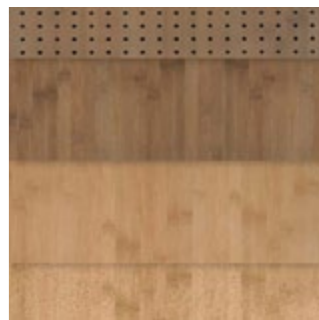
Sinfonia Black (NEW)



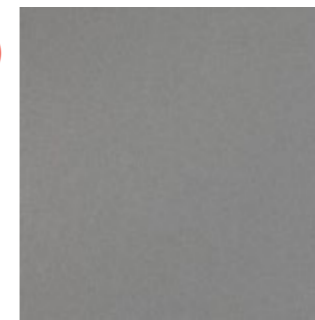
Futura



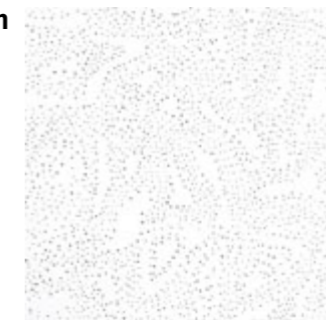
Bamboo (NEW)



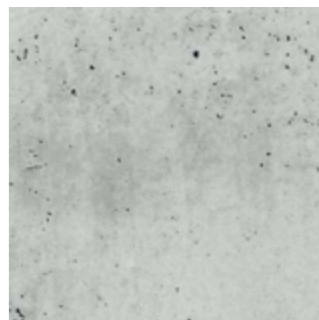
Sinfonia Grey (NEW)



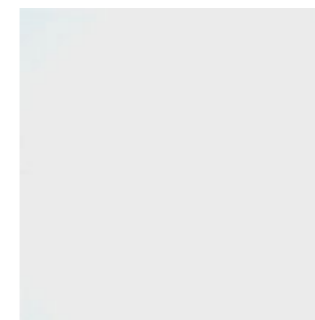
Constellation



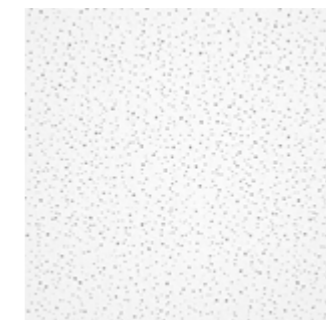
Opus (NEW)



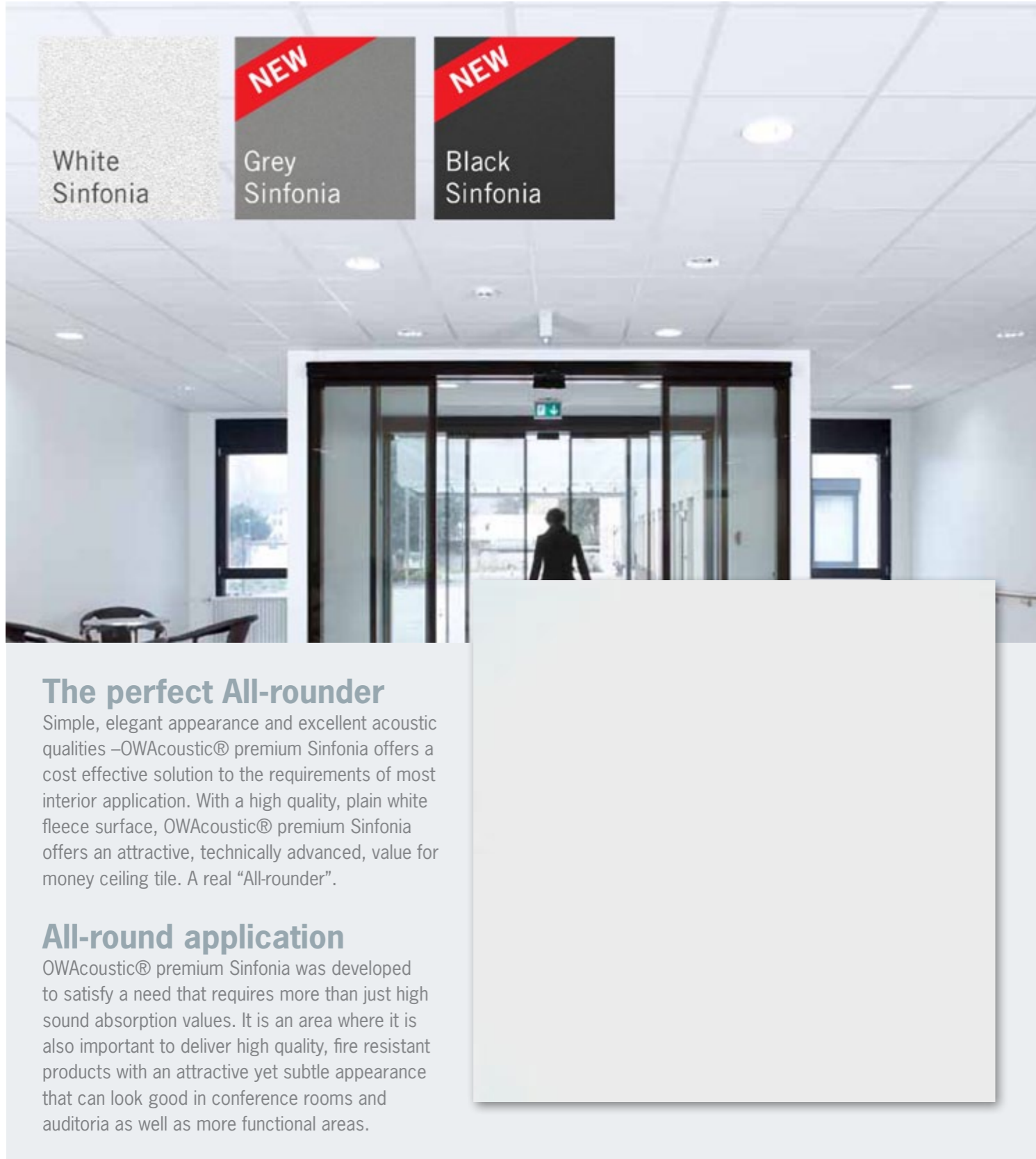
Brillianto A (NEW)



Finetta



Sinfonia White



The perfect All-rounder

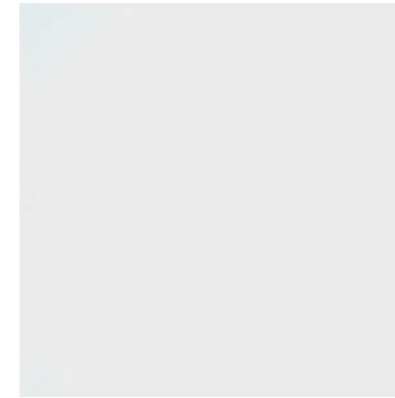
Simple, elegant appearance and excellent acoustic qualities –OWAcoustic® premium Sinfonia offers a cost effective solution to the requirements of most interior application. With a high quality, plain white fleece surface, OWAcoustic® premium Sinfonia offers an attractive, technically advanced, value for money ceiling tile. A real “All-rounder”.

All-round application

OWAcoustic® premium Sinfonia was developed to satisfy a need that requires more than just high sound absorption values. It is an area where it is also important to deliver high quality, fire resistant products with an attractive yet subtle appearance that can look good in conference rooms and auditoria as well as more functional areas.

Technical Data

Sinfonia



Material	Mineral Wool
Building material class	A2-s1,d0 to EN 13501-1
Thickness	approx. 15 mm
Colour	white
Light reflection	approx. 87 (ISO 7724-2, ISO 7724-3)
Sound reduction*	33 dB
R-Value	0.263m²K/W
Sound absorption	aw = 0.85 / NRC = 0.85
Moisture resistance	up to 95 % RH
Fire protection*	up to F 90 (DIN 4102) up to REI 90 (EN 13501-2)
Edge Detail	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Lay in</p> </div> <div style="text-align: center;"> <p>Reveal Edge</p> </div> </div>
Perimeter Trim	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>OWAconstruct Shadowline W-trim</p> </div> <div style="text-align: center;"> <p>OWAconstruct L-trim</p> </div> </div>

Sinfonia Black

New Product



The perfect All-rounder

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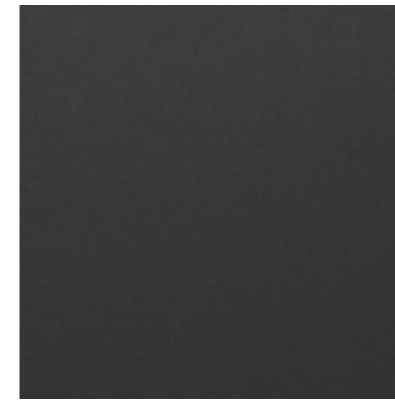
All-round application

OWAcoustic® premium Sinfonia was developed to satisfy a need that requires more than just high sound absorption values. It is an area where it is also important to deliver high quality, fire resistant products with an attractive yet subtle appearance that can look good in conference rooms and auditoria as well as more functional areas.



Technical Data

Sinfonia Black (NEW)



Material	Mineral Wool
Building material class	A2-s1,d0 to EN 13501-1
Thickness	approx. 15 mm
Colour	black
Sound reduction*	33 dB
R-Value	0.263m²K/W
Sound absorption	aw = 0.85 / NRC = 0.80
Moisture resistance	up to 95 % RH
Fire protection*	up to REI 120 (DIN EN 13501-2)
Edge Detail	Lay in
Perimeter Trim	OWAconstruct Shadowline W-trim OWAconstruct L-trim

* Dependent on system, soffit and other factors

Sinfonia Grey

New Product

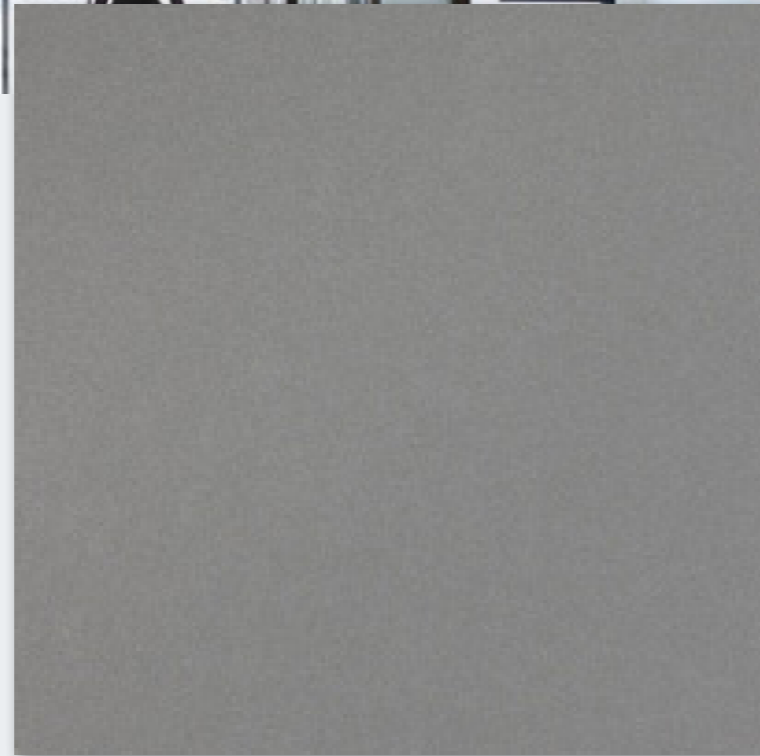


The perfect All-rounder

Simple, elegant appearance and excellent acoustic qualities –OWAcoustic® premium Sinfonia offers a cost effective solution to the requirements of most interior application. With a high quality, plain white fleece surface, OWAcoustic® premium Sinfonia offers an attractive, technically advanced, value for money ceiling tile. A real “All-rounder”.

All-round application

OWAcoustic® premium Sinfonia was developed to satisfy a need that requires more than just high sound absorption values. It is an area where it is also important to deliver high quality, fire resistant products with an attractive yet subtle appearance that can look good in conference rooms and auditoria as well as more functional areas.



Technical Data

Sinfonia Grey (NEW)



Material	Mineral Wool
Building material class	A2-s1,d0 to EN 13501-1
Thickness	approx. 15 mm
Colour	grey
Sound reduction*	33 dB
R-Value	0.263m²K/W
Sound absorption	aw = 0.85 / NRC = 0.80
Moisture resistance	up to 95 % RH
Fire protection*	up to REI 120 (DIN EN 13501-2)
Edge Detail	Lay in
Perimeter Trim	OWAconstruct Shadowline W-trim OWAconstruct L-trim

* Dependent on system, soffit and other factors

Brillianto A

New Product

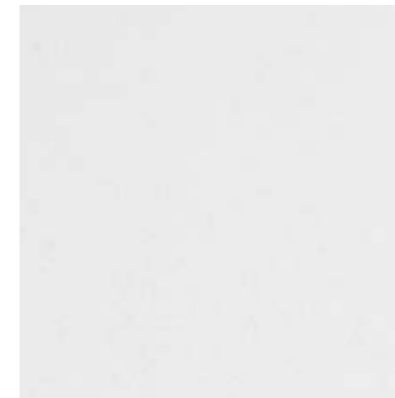






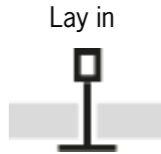

The New Acoustic Standard

The smooth surface convinces even the design-conscious. The acoustic achievement impresses designers with highest requirements of room acoustics.

Technical Data

Brillianto A (NEW)

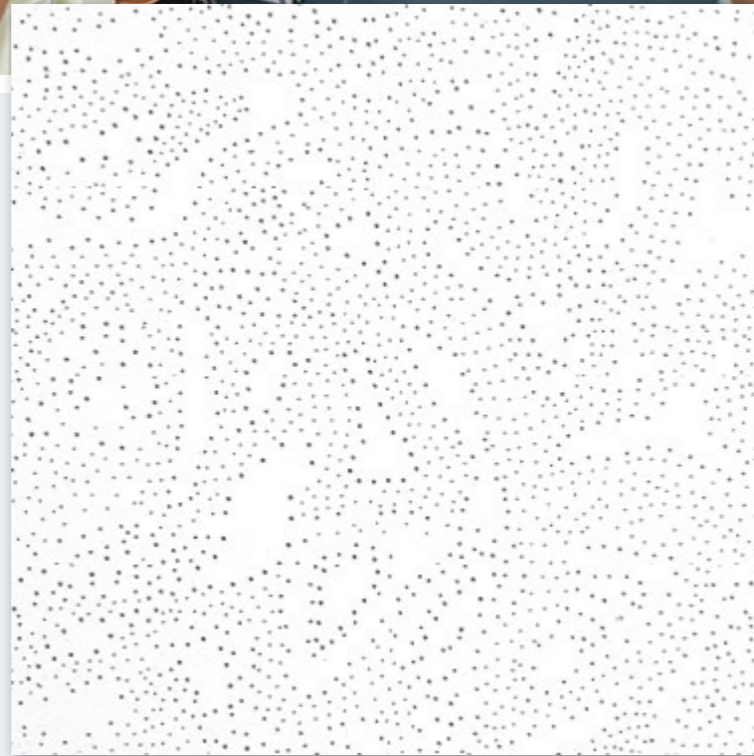


Material	Mineral Wool Tiles, Fleece-Covered 
Building material class	A2-s1,d0 according to EN 13501-1
Thickness	approx. 19 mm
Colour	white
Light reflection	approx. 87 (ISO 7724-2, ISO 7724-3)
Sound reduction*	32 dB
Sound absorption	 aw = 0.95. NRC = 0.90
Moisture resistance	 up to 95 % RH
Fire protection*	 up to F 90 (DIN 4102) up to REI 20 (EN 13501-2)
Edge Detail	 Lay in
Perimeter Trim	 OWAconstruct Shadowline W-trim OWAconstruct L-trim

* Dependent on system, soffit and other factors

Piano

New Product



Technical Data

Piano (NEW)



Material	Mineral Wool
Building material class	A2-s1,d0 to EN 13501-1
Thickness	15 mm
Colour	white
Light reflection	approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	from 31 dB to 49 dB (Needed)
R-Value	0.263m ² K/W
Sound absorption	aw =0.80 / NRC = 0.80 (Needed)
Moisture resistance	up to 95 % RH
Fire protection*	up to F 120 (DIN 4102) up to REI 180 (EN 13501-2)
Edge Detail	Lay in
Perimeter Trim	OWAconstruct Shadowline W-trim OWAconstruct L-trim

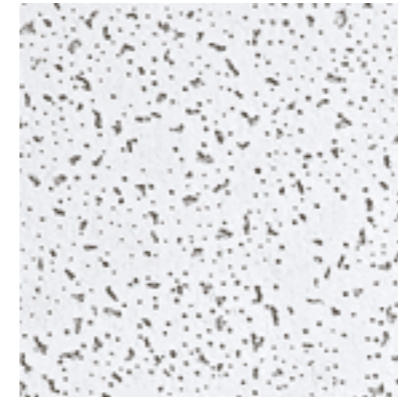
* Dependent on system, soffit and other factors











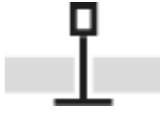



Futura



Technical Data

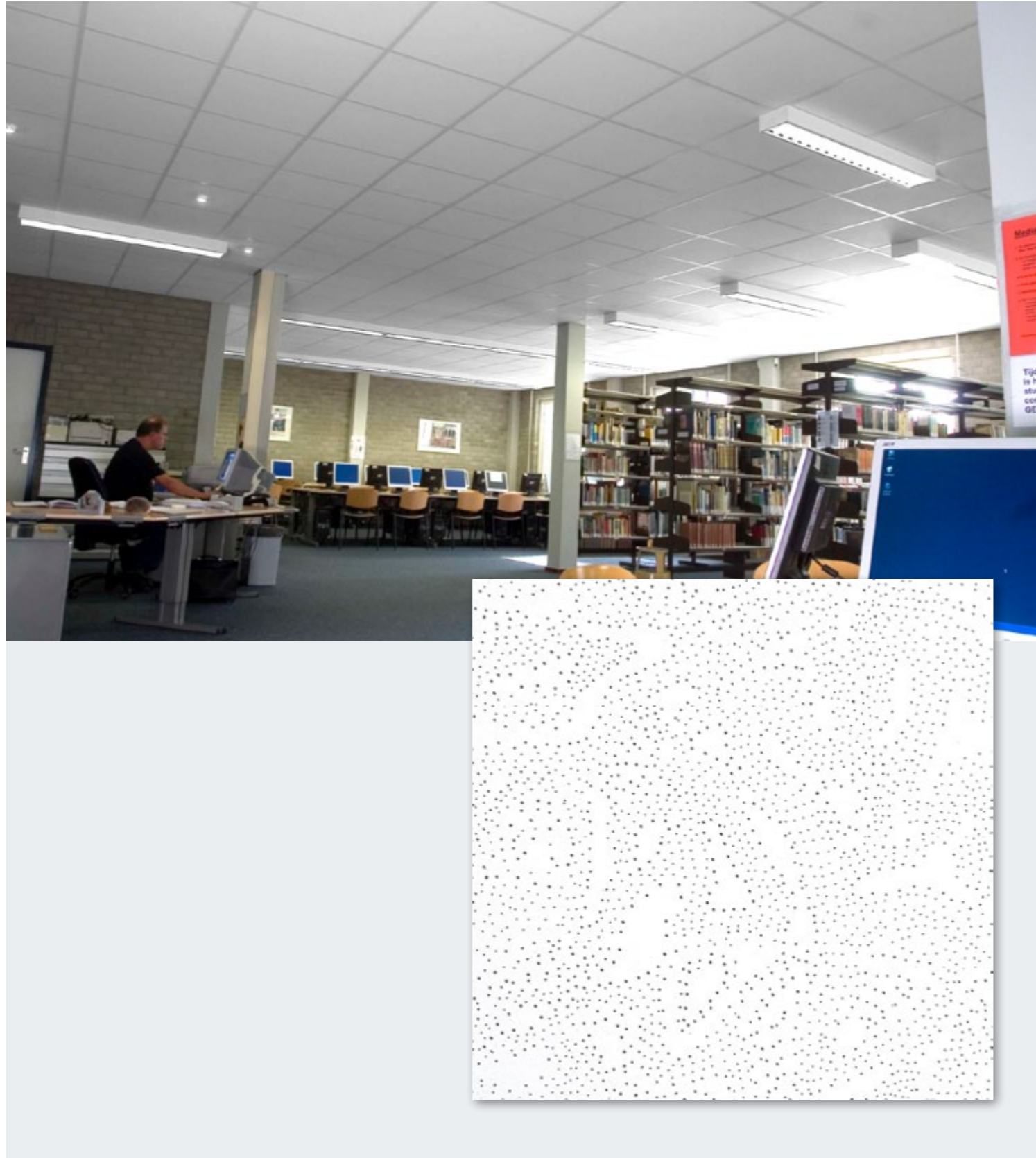
Futura



Material	Mineral Wool	      
Building material class	A2-s1,d0 to EN 13501-1	
Thickness	15 mm	
Colour	white	
Light reflection	approx. 85 (ISO 7724-2, ISO 7724-3)	
Sound reduction*	from 31 dB to 49 dB	
R-Value	0.263m ² K/W	
Sound absorption	 aw = 0.70 / NRC = 0.70	
Moisture resistance	 up to 90% RH	
Fire protection*	 up to F 120 (DIN 4102) up to REI 120 (EN 13501-2)	
Edge Detail	 Lay in	 Reveal Edge
Perimeter Trim	 OWAconstruct Shadowline W-trim	 OWAconstruct L-trim

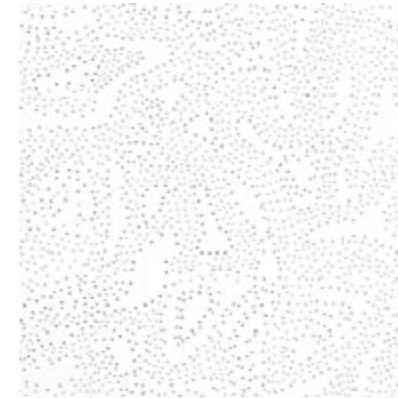
* Dependent on system, soffit and other factors

Constellation



Technical Data

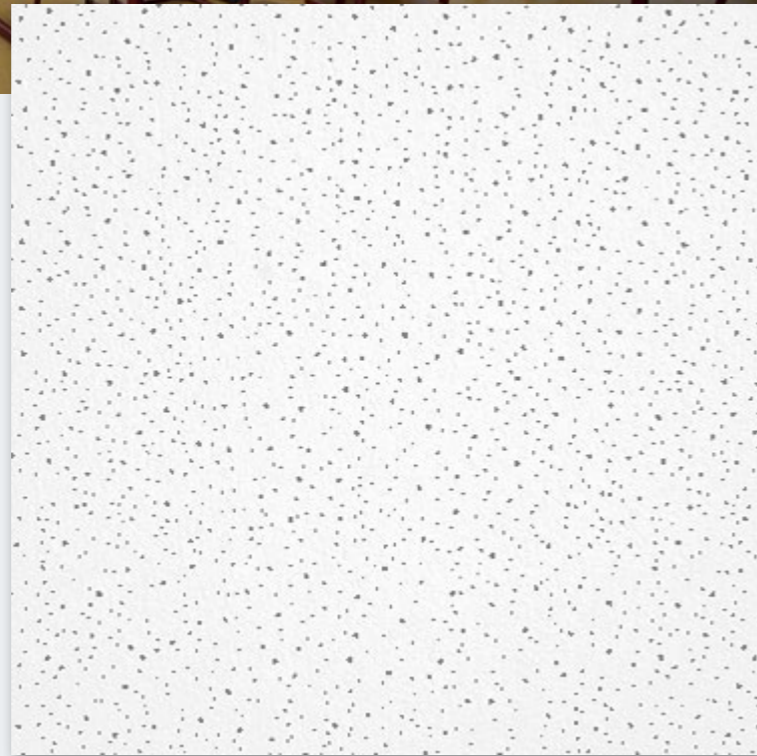
Constellation



Material	Mineral Wool
Building material class	A2-s1,d0 to EN 13501-1
Thickness	15 mm
Colour	white
Light reflection	approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	from 31 dB to 49 dB
R-Value	0.263m ² K/W
Sound absorption	aw = 0.70 / NRC = 0.70
Moisture resistance	up to 95 % RH
Fire protection*	up to F 120 (DIN 4102) up to REI 120 (EN 13501-2)
Edge Detail	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Lay in</p> </div> <div style="text-align: center;"> <p>Reveal Edge</p> </div> </div>
Perimeter Trim	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>OWAconstruct Shadowline W-trim</p> </div> <div style="text-align: center;"> <p>OWAconstruct L-trim</p> </div> </div>

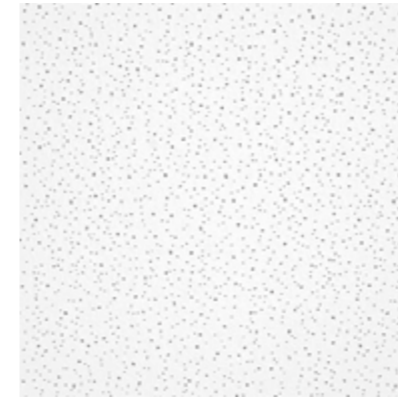
* Dependent on system, soffit and other factors















Finetta



Technical Data

Finetta



Material	Mineral Wool
	      
Building material class	A2-s1,d0 to EN 13501-1
Thickness	15 mm
Colour	white
Light reflection	approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	from 31 dB to 49 dB
R-Value	0.263m ² K/W
Sound absorption	 aw = 0.70 / NRC = 0.70
Moisture resistance	 up to 95 % RH
Fire protection*	 up to F 120 (DIN 4102) up to REI 120 (EN 13501-2)
Edge Detail	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Lay in</p>  </div> <div style="text-align: center;"> <p>Reveal Edge</p>  </div> </div>
Perimeter Trim	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>OWAconstruct Shadowline W-trim</p>  </div> <div style="text-align: center;"> <p>OWAconstruct L-trim</p>  </div> </div>

* Dependent on system, soffit and other factors











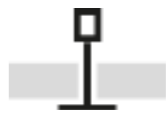



Cosmos



Technical Data

Cosmos



Material	Mineral Wool
	      
Building material class	A2-s1,d0 to EN 13501-1
Thickness	15 mm
Colour	white
Light reflection	approx. 88 (ISO 7724-2, ISO 7724-3)
Sound reduction*	from 31 dB to 49 dB (Needed)
R-Value	0.263m ² K/W
Sound absorption	 aw = 0.65 / NRC = 0.65 (Needed)
Moisture resistance	 up to 95 % RH
Fire protection*	 up to F 120 (DIN 4102) up to REI 120 (EN 13501-2)
Edge Detail	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Lay in</p>  </div> <div style="text-align: center;"> <p>Reveal Edge</p>  </div> </div>
Perimeter Trim	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>OWAconstruct Shadowline W-trim</p>  </div> <div style="text-align: center;"> <p>OWAconstruct L-trim</p>  </div> </div>

* Dependent on system, soffit and other factors

Bamboo

New Product



Product Innovation

The trend towards natural architecture is growing rapidly. OWAacoustic® premium Bamboo brings a natural look to the ceiling – combining room acoustics with a warm wooden look and feel.

Strong Acoustics with Natural Design

We want to make available that unique touch of Asian living culture and match that with modern acoustical requirements and fire protection regulations.

Performance in Bamboo-Style

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

Elegant construction

The warm, harmonious, 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.

Technical Data

Bamboo (NEW)



Material	Mineral Wool Tiles, Fleece-Covered
Building material class	A2-s1,d0 to EN 13501-1
Thickness	approx. 15 mm or 20 mm
Colour	printed surface, Bamboo natural colour and Bamboo dark
Light reflection	approx. 87 (ISO 7724-2, ISO 7724-3)
Sound reduction*	33 dB
Sound absorption	<ul style="list-style-type: none"> Plain: $aw = 0.15$ / $NRC = 0.15$ Constellation: $aw = 0.70$ / $NRC = 0.65$ Regular perforated: $aw = 0.55$ / $NRC = 0.60$
Moisture resistance	<ul style="list-style-type: none"> up to 95 % RH
Fire protection*	<ul style="list-style-type: none"> up to F 90 (DIN 4102) up to REI 90 (EN 13501-2)
Edge Detail	<p>Lay in</p>
Perimeter Trim	<p>OWAconstruct Shadowline W-trim</p> <p>OWAconstruct L-trim</p>

Opus
New Product







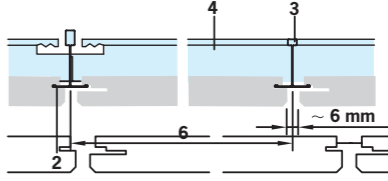


Cool Design Great Acoustics

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 OWAacoustic® ceiling tiles and created a new exciting concept for designers – OWAacoustic® premium Opus.

Technical Data

Opus



Material	Mineral Wool Tiles, Fleece-Covered 
Reaction to Fire	A2-s1,d0 according to EN 13501-1
Thickness	approx. 20 mm
Colour	simulated concrete**
Light reflection	details on request
Sound reduction*	33 dB
Sound absorption	 aw = 0.70 / NRC 0.65
Moisture resistance	 up to 80 % RH
Fire protection*	 details on request
Edge Detail	<p>Cross Section</p> 
Perimeter Trim	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>OWAconstruct Shadowline W-trim</p>  </div> <div style="text-align: center;"> <p>OWAconstruct L-trim</p>  </div> </div>

* Dependent on system, soffit and other factors

OWAcoustic Canopies



Better acoustics and design

Banks, hotels, service companies, call centres etc require acoustics that promote “speech privacy”. Ideal for first-time fitting and for acoustic retrofitting: OWAcoustic® canopies – pre-assembled acoustically active canopies – can be mounted singularly or in a group of any size, to create localised confidential meeting environments in large areas, e.g. hotel foyers and open-plan offices but also for sound optimisation in smaller offices or above individual workplaces.



Selecta



Geometry of the exclusive

Do you combine form consciousness with high acoustic demands on your working environment? Then go for Selecta, an exclusive class A acoustic product made of light glasswool absorbers (noise absorption value $\alpha = 1.00$). You can choose from five striking basic forms with white underside views. They can be freely combined for highly expressive geometries. The fleece-lined ceiling canopies, measuring up to 2,400 x 1,200 mm, are suspended with ceiling attachments and cables up to 1.5 m in length and open up countless options for creative acoustic solutions beneath almost any structure.

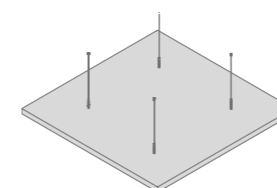
Technical Data

Selecta

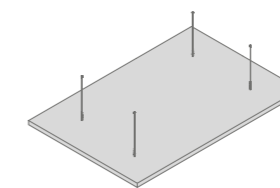


Material	Mineral wool, A1 (EN 13501-1)
Visible side	Fleece, white
Edges	Finished, white
Edge detail	Sharp edges, all the way round
Dimensions and weight:	
Selecta One	1200 x 1200 x 40 mm, approx. 5.5 kg
Selecta Plus	1800 x 1200 x 40 mm, approx. 8.5 kg
Selecta Grande	2400 x 1200 x 40 mm, approx. 11 kg
Selecta Loop	Ø 1200 x 40 mm, approx. 4.5 kg
Selecta Trigon	1200 x 1200 x 40 mm, approx. 3 kg
Grid Suspension	Incl. wire suspension, L = 1.5 m, ceiling fixation
Light Reflexion	On request
Sound Absorption	$\alpha_w = 1,00$
Equivalent sound absorption surface	On request
Humidity resistance	On request

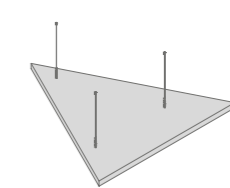
Selecta One



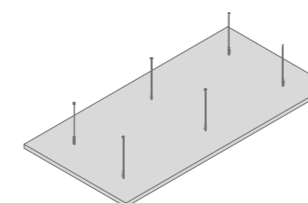
Selecta Plus



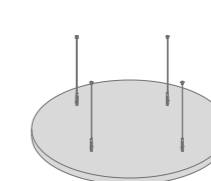
Selecta Trigon



Selecta Grande



Selecta Loop





So easy to get good room acoustics

The canopies Curve 1 (concav) and Curve 2 (convex) are white, fleece-covered, glasswool-based ceiling canopy modules and therefore a real lightweight on the ceiling. Even the edges are white and finished so that the individual modules can be hung alone or arranged in formations. Huge acoustic bonus: Curve 1 is an A-class absorber (sound absorption value 1.00). The nearly square 1200 x 1100 mm concave-shaped module can be covered with coloured fabric. This opens new design options for the ceiling.

Technical Data

Curve



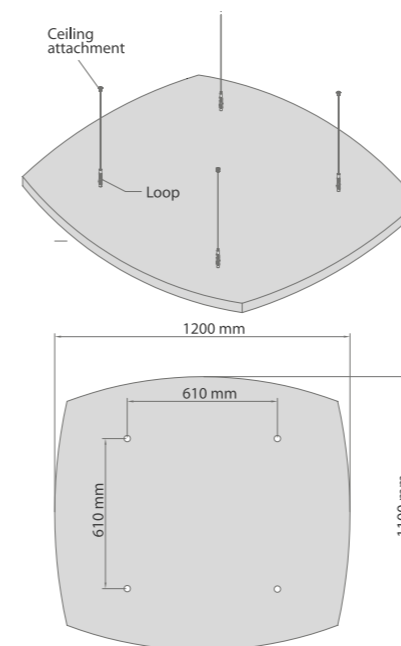
Curve 1



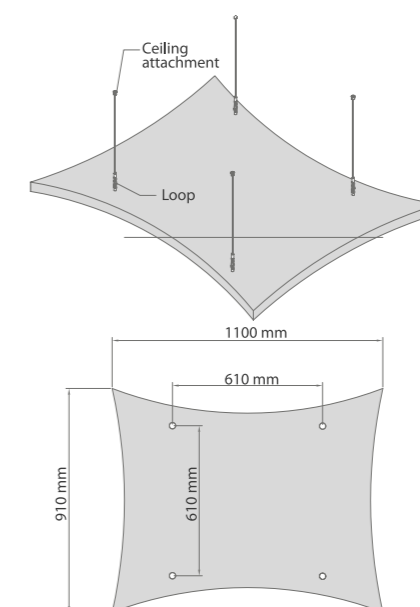
Curve 2

Material	Mineral wool, A1 (EN 13501-1)
Visible side	Fleece, white or coloured fabric colour
Edges	Finished, white or coloured fabric colour
Edge detail	Sharp edges, all the way round
Dimensions and weight:	
Selecta One	1200 x 1100 x 40 mm, approx. 5 kg
Selecta Plus	1100 x 910 x 40 mm, approx. 4 kg
Selecta Grande	Incl. wire suspension, L = 1.5 m, ceiling fixation
Selecta Loop	On request
Selecta Trigon	aw = 1,00
Grid Suspension	On request
Light Reflexion	On request
Hint:	Please take into consideration that during the installation of the canopies wind pressure or wind suction can occur. In these cases all relevant measures of protection have to be taken.

Curve One



Curve Two



Coloured Fabric for Curve 1 & 2

Curve

Coloured Fabric for Curve 1 & 2



Please order your sample with the coloured fabrics.

Hint:
The colours shown may vary from the original colours

OWAtecta Metal Ceilings



Bringing performance in shape

OWA metal ceilings open up new design possibilities with a fascinating building material. Standard tiles, linear panels, special and arched formats – combine creative styling of surfaces with outstanding acoustical, air-conditioned, hygienic and fire protection properties. OWAtecta® metal ceilings – performance in fine shape. Ceiling solutions at the height of modernity.

OWAtecta metal ceiling panels are ideal for specialised applications such as:

- Areas where regular access into the ceiling void is required
- Areas that require high acoustic capabilities
- Hospitals
- Clean rooms

Owa Revit files available
[Download from our website](#)

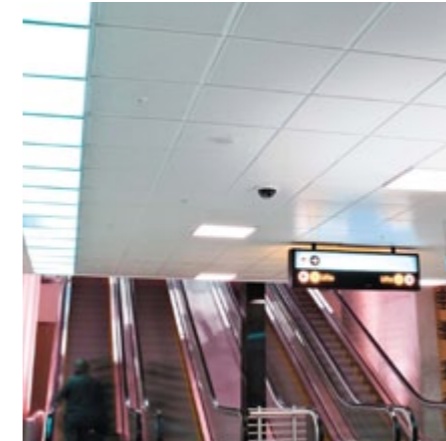


OWAtecta Metal Ceilings

Product List

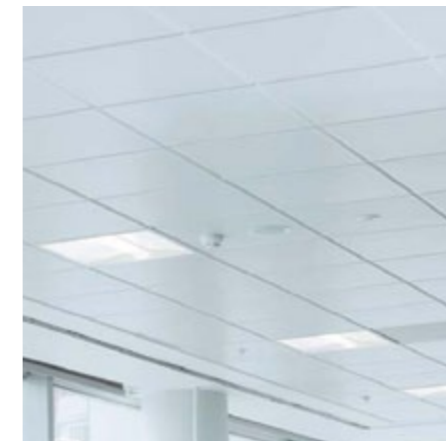
System S33

To suit 24mm grid



System S45

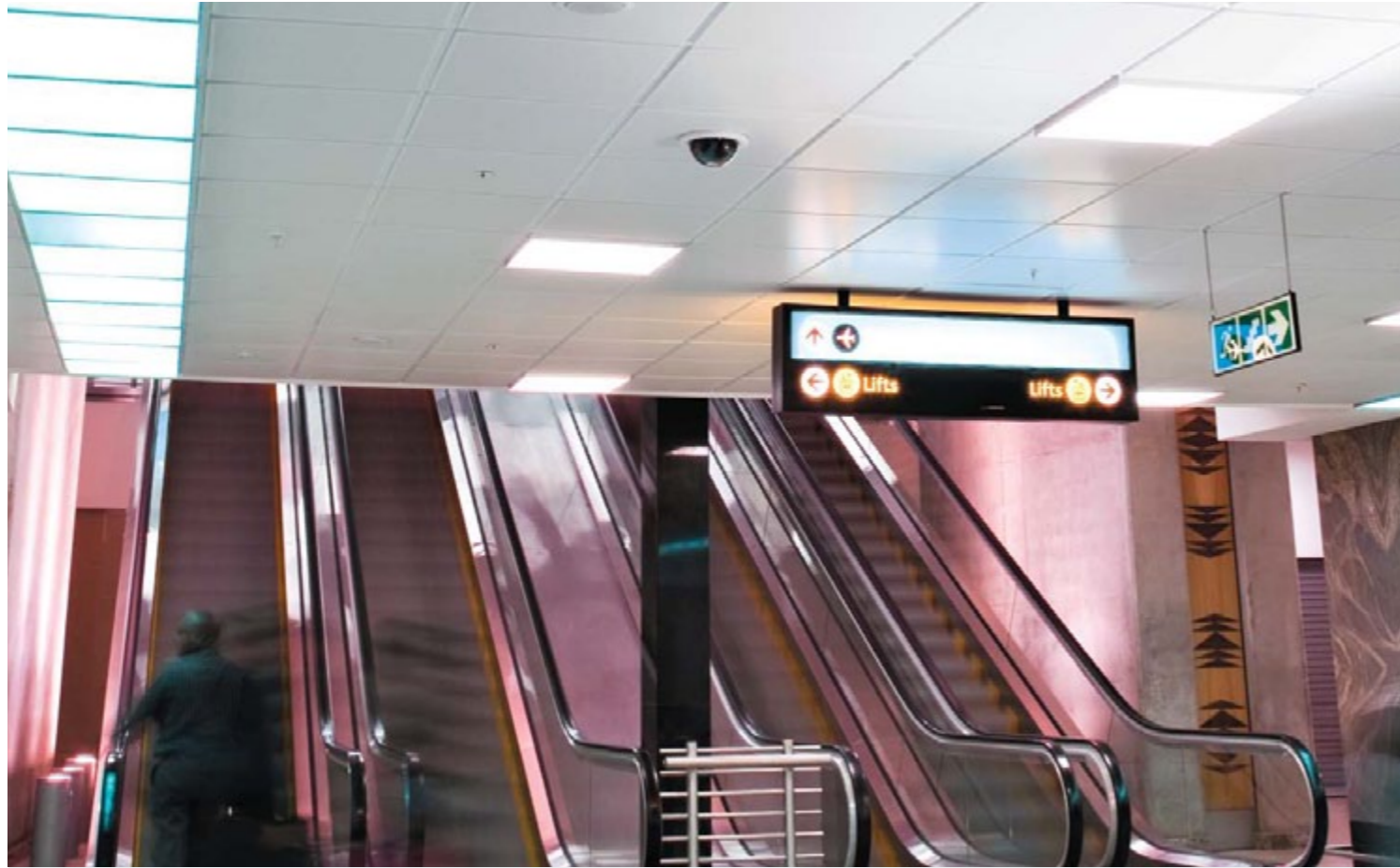
To suit 15mm grid



OWAtecta S22/S31 Clip-in

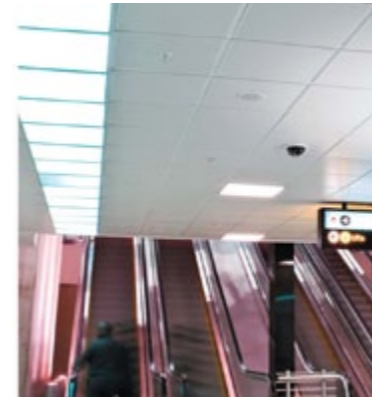




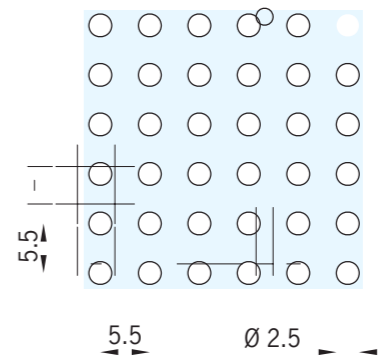


System S33 Tegular



Technical Data

System S33 Tegular

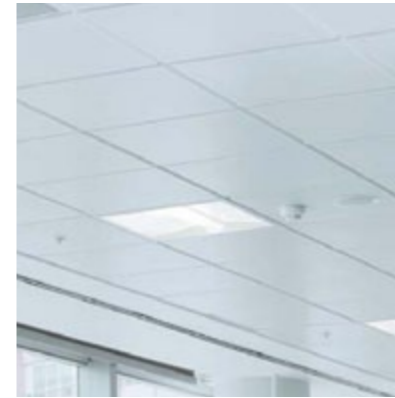


Dimensions	600x600mm
Colour	white (similar to RAL 9010)
Edge Detail	 <p>Edge 3 Edge 7 (Tegular)</p>
Perimeter Trim	 <p>OWAconstruct Shadowline W-trim OWAconstruct L-trim</p>
Perforation	<p>L2516 2.5 mm hole diameter 16 % open area</p> 
Acoustic Absorption	 <p>NRC = 0.80</p>
Fire Protection	 <p>up to F 90 (DIN 4102)</p>

* Dependent on system, soffit and other factors

Technical Data

System S45 Tegular



System S45 Tegular



Dimensions	600x600mm
Colour	white
Edge Detail	<p>Edge 3 Edge 16</p>
Perimeter Trim	<p>OWAconstruct Shadowline W-trim OWAconstruct L-trim</p>
Perforation (Other perforations on request)	<p>L2516 2.5 mm hole diameter 16 % open area</p>
Acoustic Absorption	<p>NRC = 0.80</p>
Fire Protection	<p>up to F 90 (DIN 4102)</p>

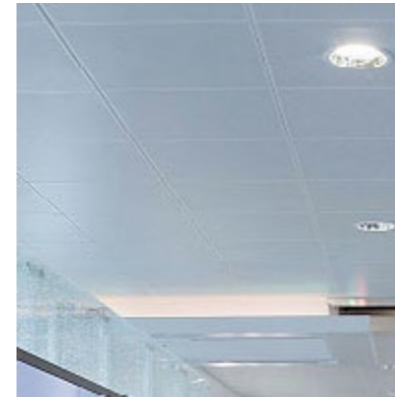
* Dependent on system, soffit and other factors

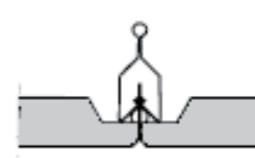
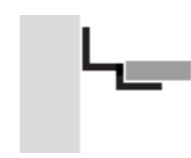

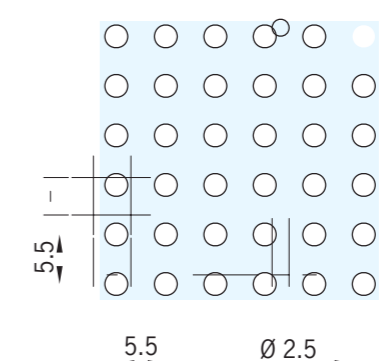


System S22/S31 Clip-in



Technical Data

System S22 / S31 Clip-in



Dimensions	600x600mm	
Colour	white	
Edge Detail	 Edge 3	
Perimeter Trim	 OWAconstruct Shadowline W-trim	 OWAconstruct L-trim
Perforation (Other perforations on request)	L2516 2.5 mm hole diameter 16 % open area 	
Acoustic Absorption	 NRC = 0.80	
Fire Protection	 up to F 90 (DIN 4102)	

* Dependent on system, soffit and other factors

OWAcoustic® Premium Ceilings for sensitive areas



Where you depend on it:

- Healthcare
- Laboratories
- Food processing, preparation and retail
- Areas of sustained high humidity

OWAcoustic® Premium Ceilings for sensitive areas

Introduction

Premium ceilings for sensitive areas

OWAcoustic® premium tiles form the basis of our extensive programme of specialist ceilings. This programme benefits from the normal inherent qualities of the premium range – fire resistance, acoustics, cooling, service integration and sound insulation – but also offers more additional features that make them suitable for use in more sensitive areas.

OWAcoustic® biocide – superior appearance, excellent acoustics and more...

OWAcoustic® premium Bolero biocide and Sinfonia biocide provide effective resistance against fungi, bacteria and yeast as well as an elegant appearance and excellent sound absorption.

LEED

- Energy consumption
- Disposal of waste
- Recycled content
- VOC emissions
- Light reflectance

Health

- BLUE ANGEL
- Low Emissions
- (Formaldehyde / VOC's etc.) Manufactured strictly in accordance with regulatory requirements

The Environment

- 100% recyclable
- Manufactured from pure biosoluble mineral wool and natural ingredients
- Fungal and bacterial resistance



OWAcoustic® Premium Ceilings for Sensitive Areas

Product List

OWAcoustic® sanitas 02



For Sensitive Areas

Developed specifically for sensitive areas where hygiene is important, sanitas 02 provides effective antibacterial and fungicidal resistance to both the decorative and reverse surface of the tile for the life of the ceiling.

OWAcoustic® pura



Where disinfection may be required

Designed to withstand disinfection and repeated cleaning (tested to 500 cleaning cycles in accordance with the Gardner test) pura provides a cost effective solution for hygiene sensitive areas

OWAlux®



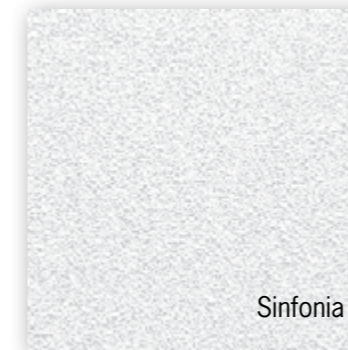
For project that require smooth, clean surfaces

OWAlux® ceiling tiles are suitable for areas that require the highest standards of cleanliness and hygiene. The smooth, white aluminium foil allows easy cleaning and/or disinfection of the tile surface.

OWAcoustic® Premium Ceilings for Sensitive Areas

Product List

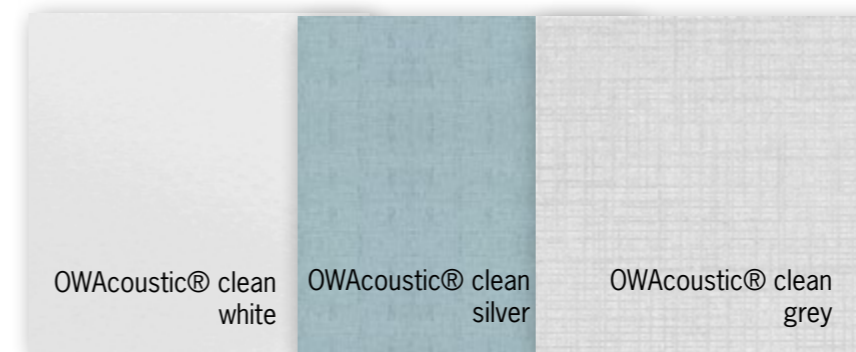
OWAcoustic® biocide Sinfonia and Bolero



The perfect high performance all-rounder now with micro-biocide properties

With proven resistance to bacterial, fungal and yeast growth, OWAcoustic® biocide Bolero (fine textured surface) and OWAcoustic® biocide Sinfonia (plain smooth surface) can also provide high levels of acoustic performance, fire resistance and aesthetic appeal.

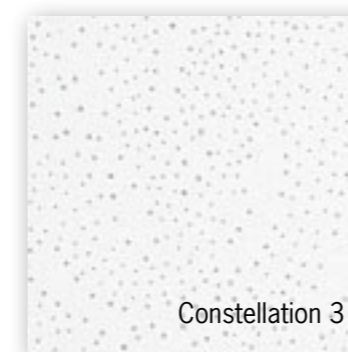
OWAcoustic® clean



Where cleanliness counts

The international standard EN ISO 14644-1 provides 9 classes of cleanroom air quality. These classifications are dependent on the number and size of airborne particles present in a specified volume of air. In sensitive manufacturing or laboratory areas the compliance with these exacting standards can be critical and may be the difference between success and failure. The OWAcoustic® clean ceiling range can satisfy 6 of the standard's classifications (classes 4-9). The high quality foil face provides OWAcoustic® clean tiles with a smooth easy to clean closed surface. Universal 64/1 also achieves cleanroom status and has a fine perforated surface that provides good levels of sound absorption.

OWAcoustic® AirControl



Improving the quality of life

OWAcoustic® AirControl can reduce air pollutant by over 50% Innovation by OWA OWAcoustic® AirControl has been designed to help combat everyday smells such as food, cigarette smoke and perspiration. It also reduces the airborne levels of common cleaning material solvents and harmful substances such as ammonia, formaldehyde, triethylamine and nicotine

OWAcoustic® Premium Ceilings for Sensitive Areas

Product List

OWAcoustic® Mavroc®

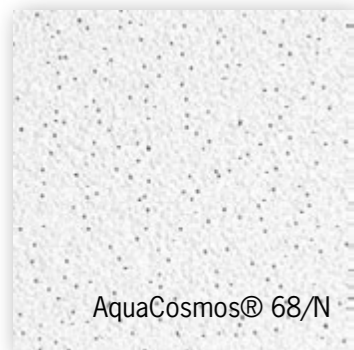


Constellation 3

Where high humidity performance is a necessity

In areas such as swimming pools, changing rooms and shower areas, suspended ceilings can be exposed to high levels of humidity. Relative humidity (RH) is expressed as a percentage the amount of water air can hold at the prevailing temperature within the room. In areas of high humidity it is important to install the correct OWAcoustic® ceiling tiles. OWAcoustic® Mavroc® has been developed for use in external areas and internal areas where the ceilings maybe subject to long term exposure of up to 95% Relative Humidity.

OWAcoustic® AquaCosmos



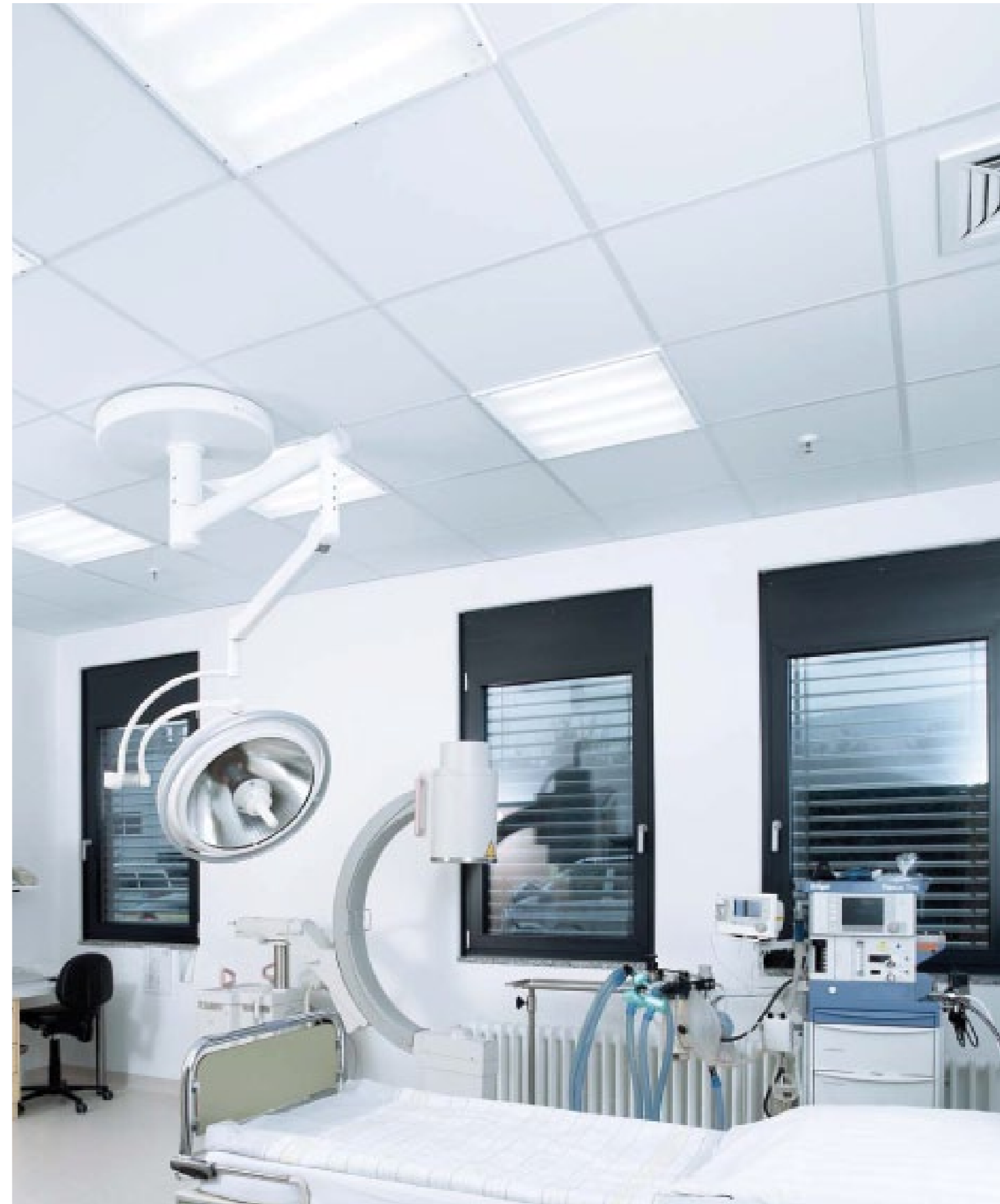
AquaCosmos® 68/N



AquaCosmos® 68/O

Where high humidity performance is a requirement

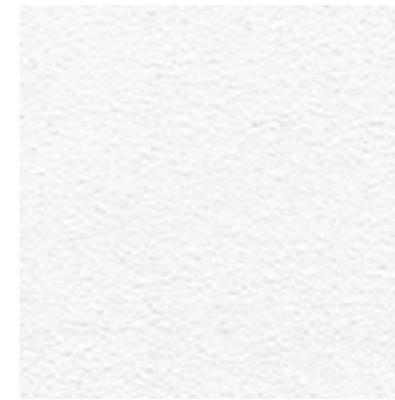
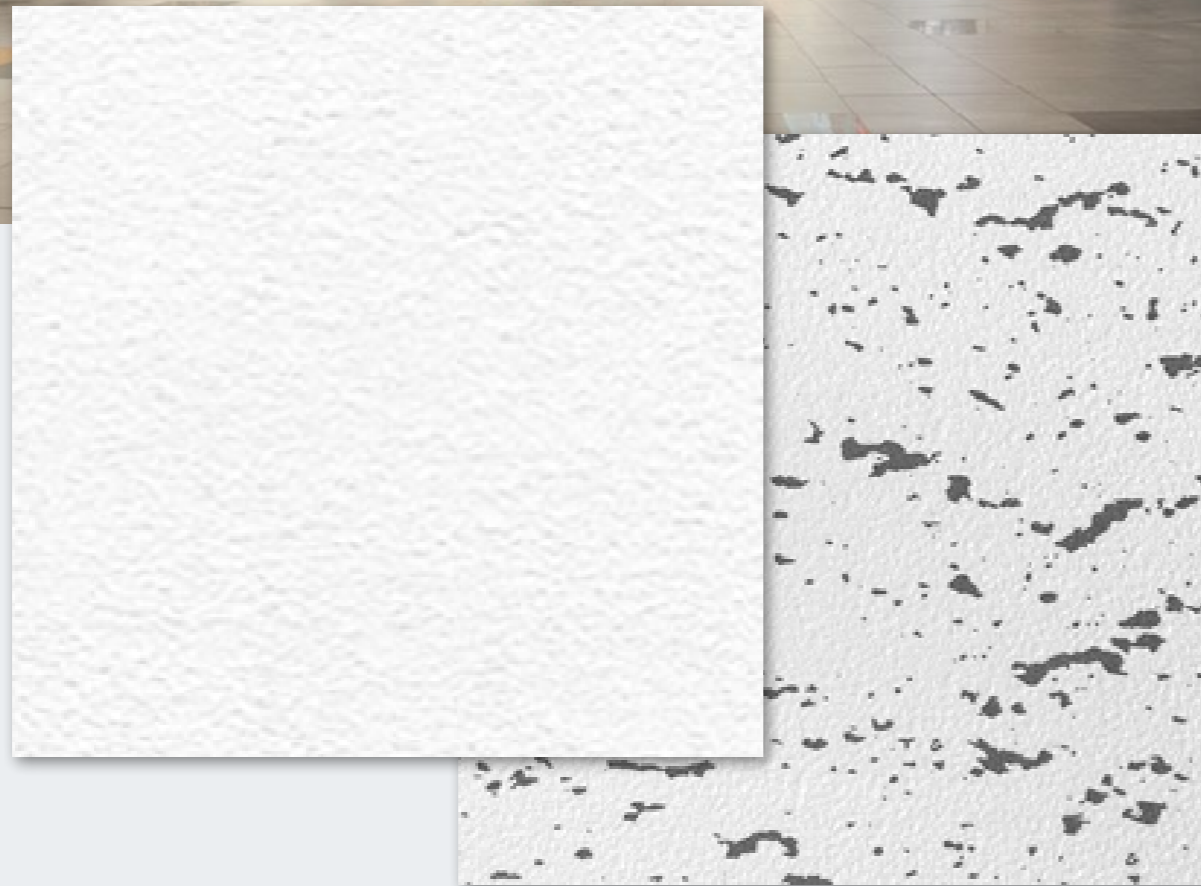
In areas such as swimming pools, changing rooms and shower areas, suspended ceilings can be exposed to high levels of humidity. Relative humidity (RH) is expressed as a percentage and is dependent on the room temperature. In areas of high humidity it is important to install the correct OWAcoustic® ceiling tiles. OWAcoustic® Aquacosmos® has a high level of humidity resistance and can be used externally and in other humid areas where the ceilings maybe subject to exposure of up to 100% Relative Humidity



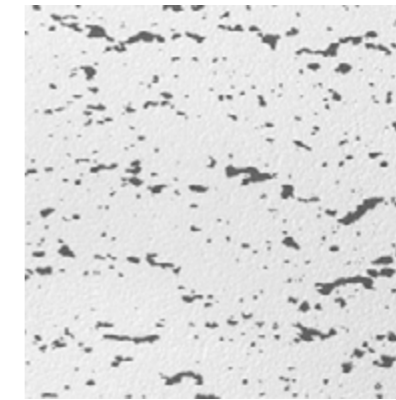
Technical Data

Vinyl Faced Gypsum Ceiling Panels

Vinyl Faced Gypsum Ceiling Panels

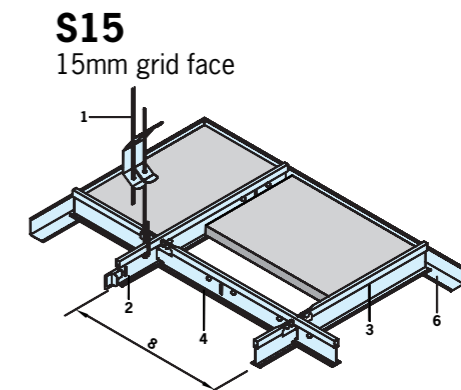
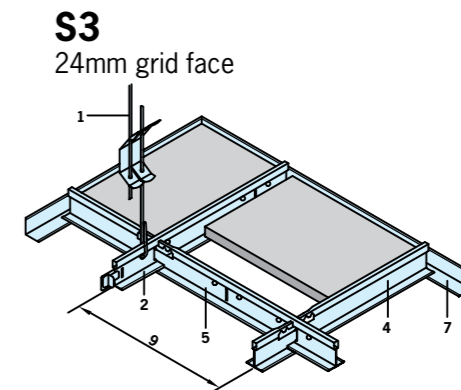


White



Fissured

Material	Vinyl Faced
Thickness	12.5mm and 9mm
Colour	white / fissured
Suspension Systems	



Specification Example

12.5mm Vinyl Faced Gypsum Ceiling Panels, face-covered with white embossed vinyl, size 1200 x 600mm, laid on fire rated OWAconstruct® S3 exposed demountable T24 suspension system including galvanised main tees, cross tees, etc., all suspended with galvanised hangers at centres not exceeding 1200mm, with ceiling perimeter finished with OWAconstruct® Shadowline W-trim plugged at 200mm centres, and all installed to manufacturer's instructions.

OWAconstruct Suspension Systems



Introduction

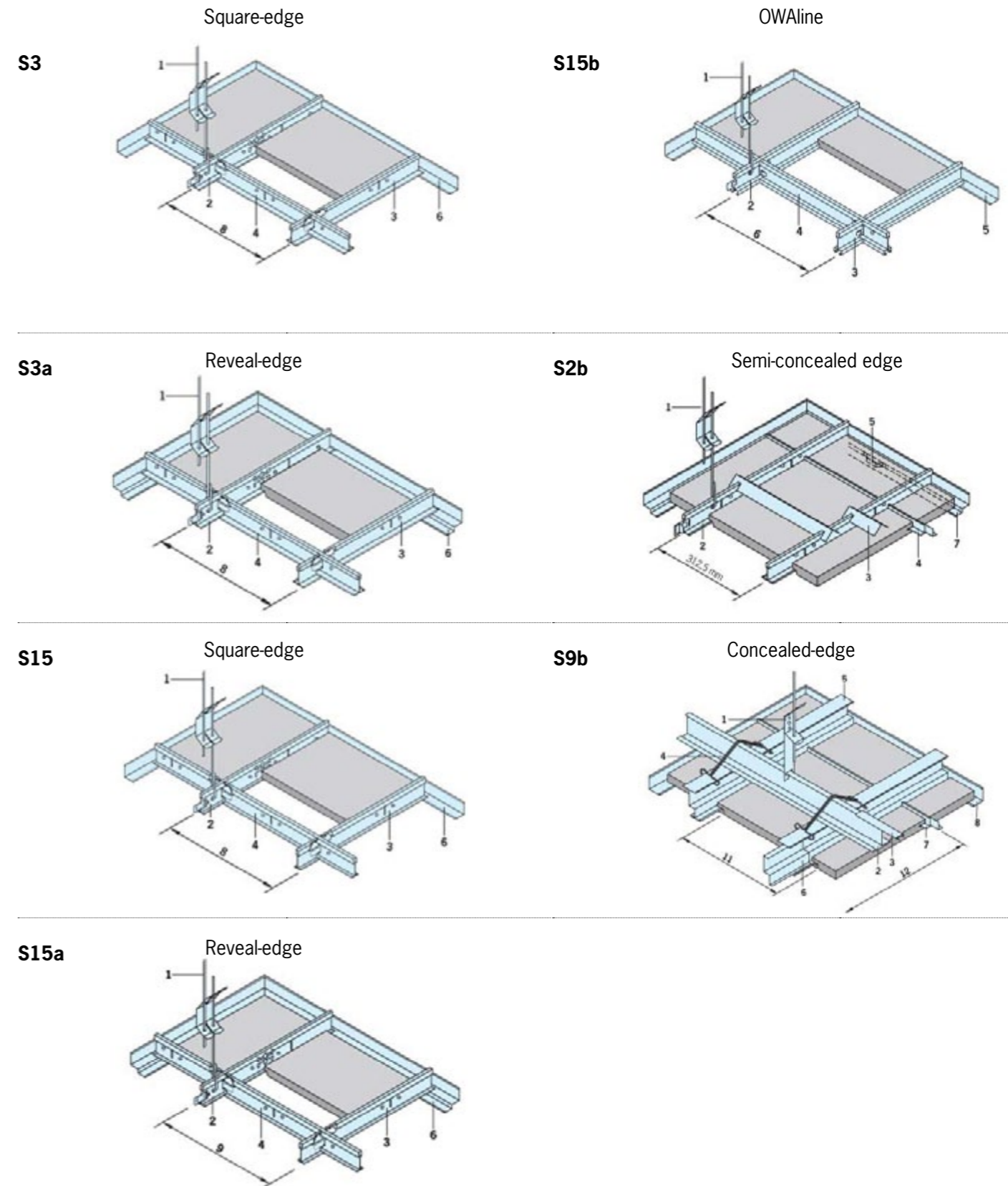
With more than 7000 sections and accessories available, OWAconstruct suspension systems will provide for all your ceiling suspension requirements: Fire protection, security, accessibility, aesthetics, and much more. Made of galvanised steel, our exposed grid face is one of the toughest in the industry. OWAconstruct exposed grid system can be used in conjunction with OWAacoustic mineral fibre ceiling panels and Vinyl-faced gypsum ceiling panels

Owa Revit files available
[Download from our website](#)



OWAconstruct Suspension Systems

Product List

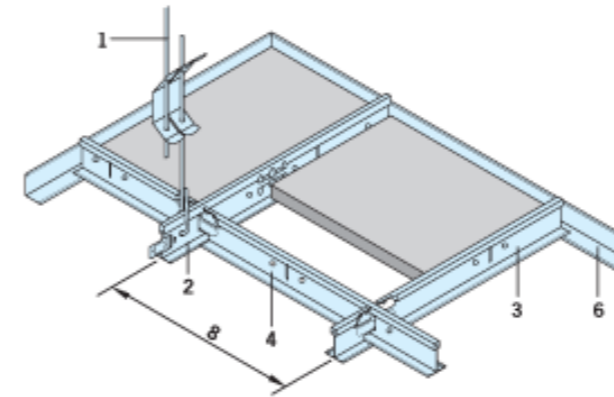


System S3 Square-edge



Technical Data

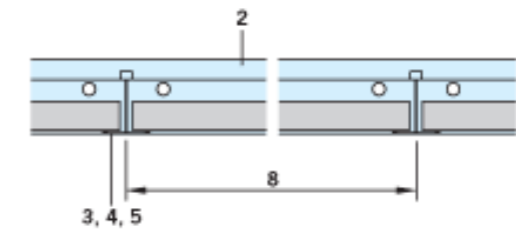
System S3



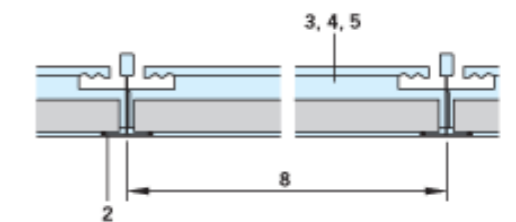
- 1 Hanger No. 12/.../...
- 2 Main tee No. 45, slots at 100 or 156,25 mm centres
- 3 Cross tee No. 46
- 4 Cross tee No. 47
- 5 Cross tee No. 48
- 6 Wall angle No. 50 G
- 7 Shadow wall angle No. 56
- 8 Module distance

Product line	OWAconstruct® Premium
Dimensions	600 x 600 mm 600 x 1200 mm Other sizes available on request.
Edge Detail	<div style="border: 1px solid black; padding: 2px; display: inline-block; width: 20px; height: 20px; text-align: center; line-height: 20px;">3</div> Square-edge
Metal suspension	All sections are zinc galvanized and exposed faces white painted. For further details please contact us
Suspension depth	Minimum suspension depth 75 - 100 mm (from underside of soffit). For ease of panel removal 120 mm recommended.
Fire protection*	Fire protection: See OWA brochure No. 500

Suspension system



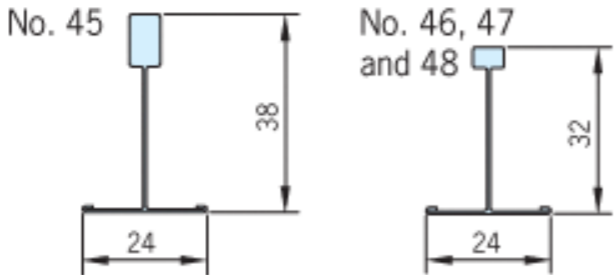
Cross section:



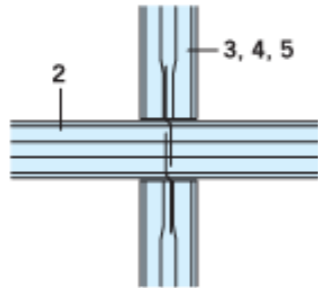
Technical Data

System S3

Section dimensions

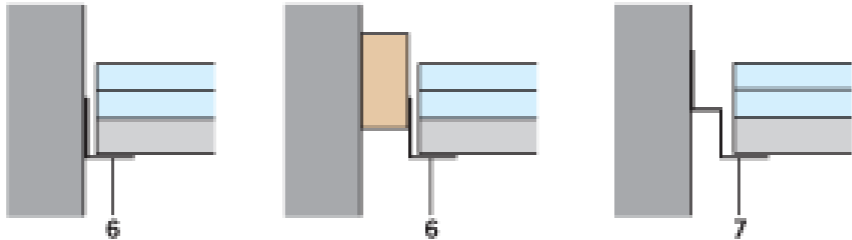


Construction

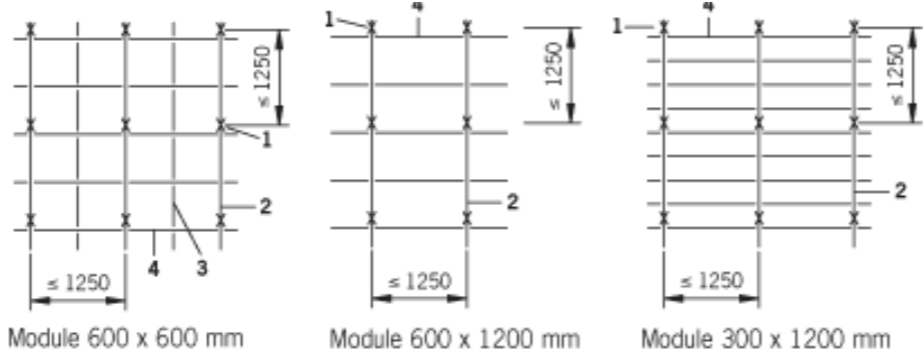


The cross tees have connection tabs on each end, 2 cross tee sections are inserted into each slot in the main tee section but care must be taken to insert the tabs correctly so that the tees are in correct alignment. The ends of the main tee sections have offset connectors which will lock when engaged.

Wall Perimeters



Installation examples

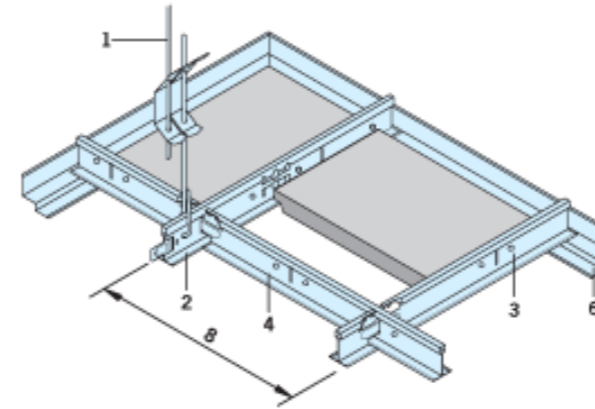


System S3a Reveal-edge

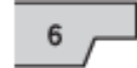


Technical Data

System S3a



- 1 Hanger No. 12/.../...
- 2 Main tee No. 45, slots at 150 or 156.25 mm centres
- 3 Cross tee No. 46
- 4 Cross tee No. 47
- 5 Cross tee No. 48
- 6 Shadow Wall angle No. 50/15
- 7 Wall angle options No. 50
- 8 Module distance
- 9 Contura-Blocks No. 42/24

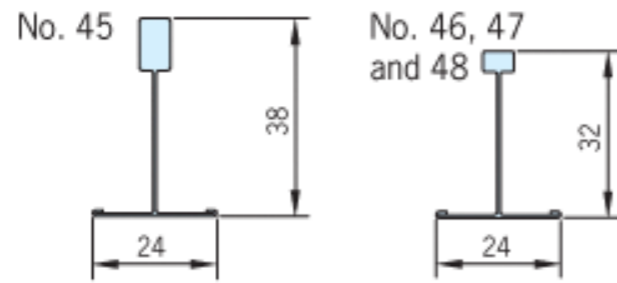
Product line	OWAconstruct® Premium
Dimensions	600 x 600 mm 600 x 1200 mm Other sizes available on request.
Edge Detail	 Reveal Edge
Metal suspension	All sections are zinc galvanized and exposed faces white painted. For further details please contact us
Suspension depth	Minimum suspension depth 75 - 100 mm (from underside of soffit). For ease of panel removal 120 mm recommended.
Fire protection*	Fire protection: See OWA brochure No. 500



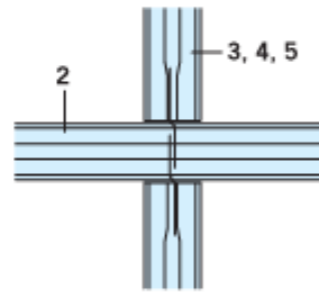
Technical Data

System S3a

Section dimensions

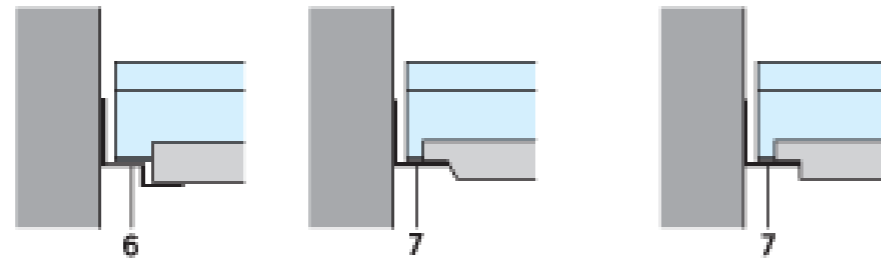


Construction

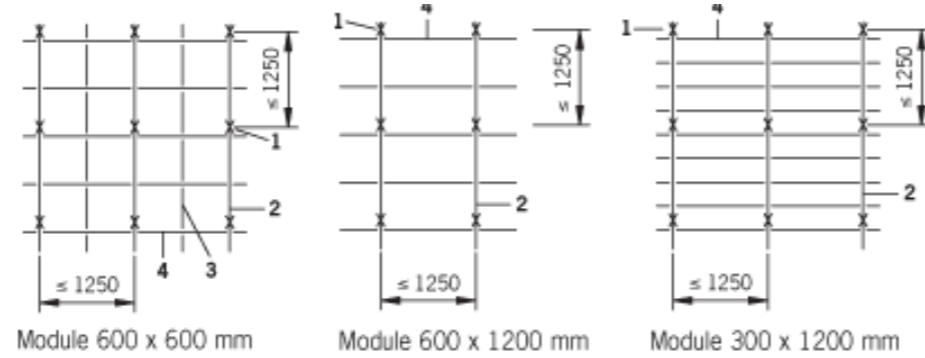


The cross tees have connection tabs on each end, 2 cross tee sections are inserted into each slot in the main tee section but care must be taken to insert the tabs correctly so that the tees are in correct alignment. The ends of the main tee sections have offset connectors which will lock when engaged.

Wall Perimeters



Installation examples

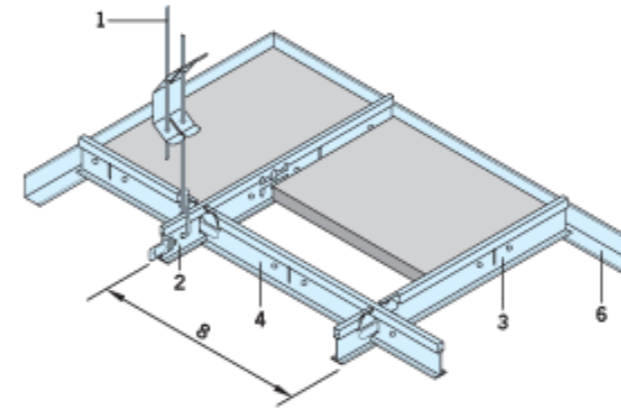


System S15



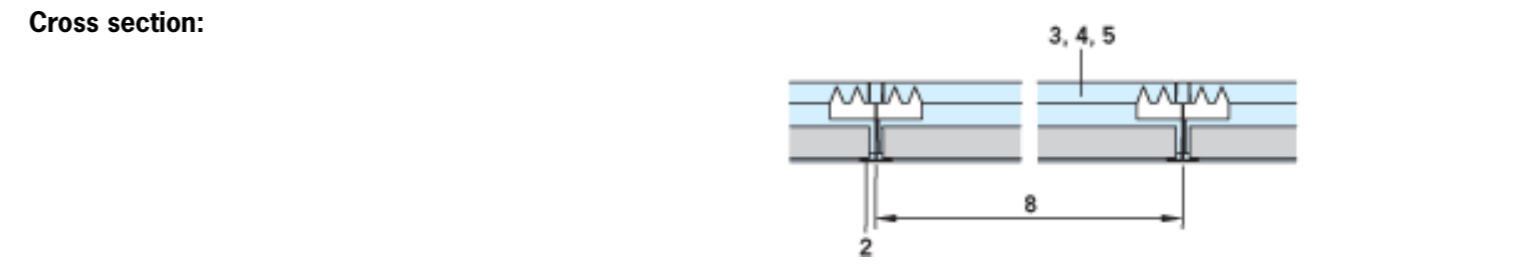
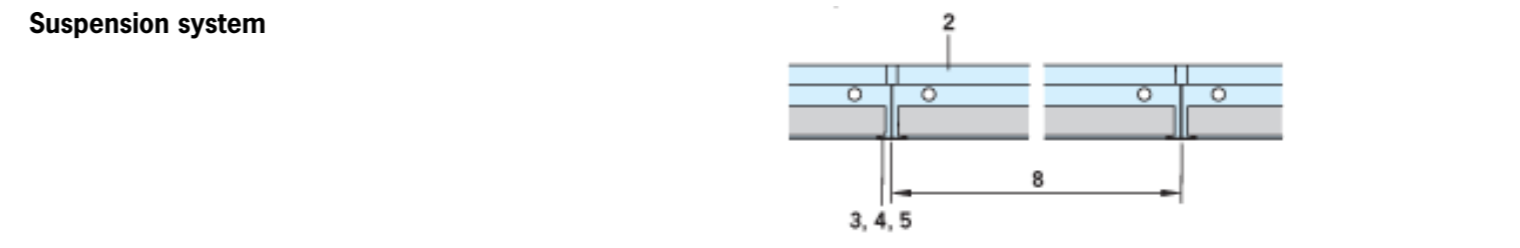
Technical Data

System S15

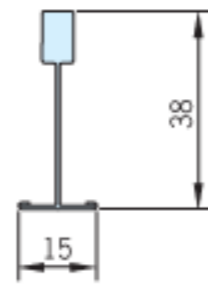


- 1 Hanger No. 12/.../... galv.
- 2 Main tee No. 45/15 G, slots at 150 or 156.25 mm centres
- 3 Cross tee No. 46/15 G
- 4 Cross tee No. 47/15 G
- 5 Cross tee No. 48/15 G
- 6 Wall angle No. 50 G
- 7 Shadow wall angle No. 56
- 8 Module distance

Product line	OWAconstruct® Premium
Dimensions	600 x 600 mm 600 x 1200 mm Other sizes available on request.
Edge Detail	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> Square-edge
Metal suspension	All sections are zinc galvanized and exposed faces white painted. For further details please contact us
Suspension depth	Minimum suspension depth 75 - 100 mm (from underside of soffit). For ease of panel removal 120 mm recommended.
Fire protection*	Fire protection: See OWA brochure No. 500

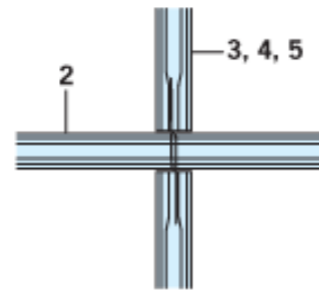


Section dimensions



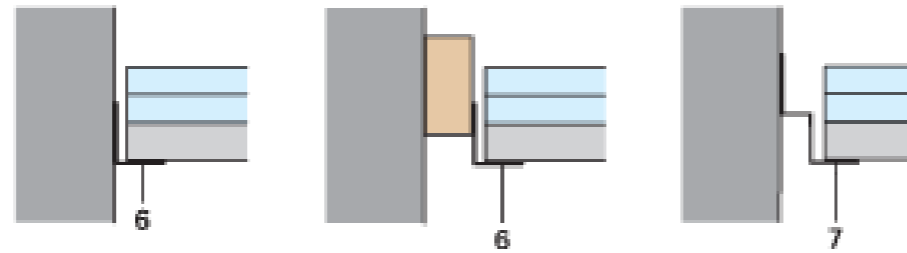
No. 45/15 G, 46/15 G, 47/15 G and 48/15 G

Construction

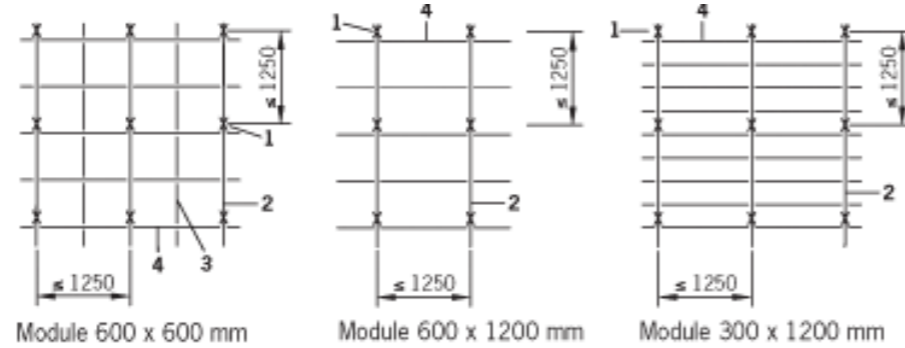


The cross tees have connection tabs on each end, 2 cross tee sections are inserted into each slot in the main tee section but care must be taken to insert the tabs correctly so that the tees are in correct alignment. The ends of the main tee sections have offset connectors which will lock when engaged.

Wall Perimeters



Installation examples

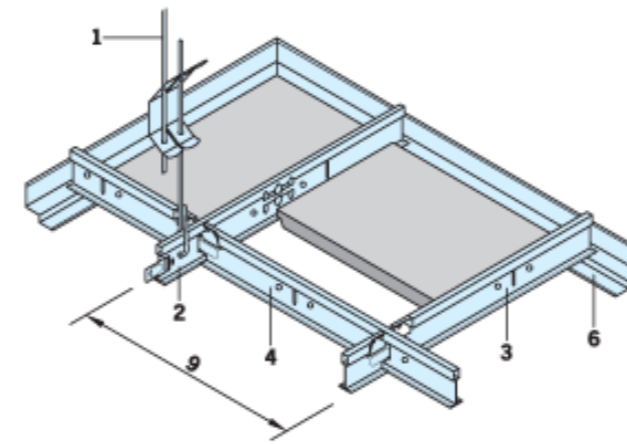


System S15a




Technical Data

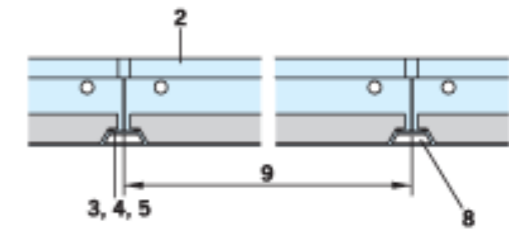
System S15a



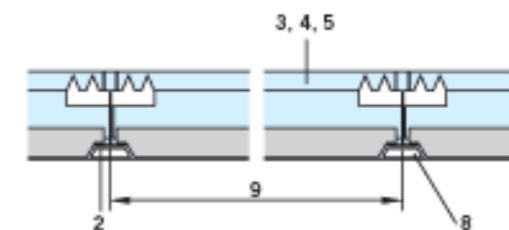
- 1 Hanger No. 12/.../...
- 2 Main tee No. 45/15, slots at 150 or 156.25 mm centres
- 3 Cross tee No. 46/15
- 4 Cross tee No. 47/15
- 5 Cross tee No. 48/15
- 6 Shadow perimeter trim No. 50/15
- 7 Perimeter trim No. 50
- 8 Contura infill block No. 42/15
- 9 Module distance

Product line	OWAconstruct® Premium
Dimensions	600 x 600 mm 600 x 1200 mm Other sizes available on request.
Edge Detail	 Reveal Edge
Metal suspension	All sections are zinc galvanized and exposed faces white painted. For further details please contact us
Suspension depth	Minimum suspension depth 75 - 100 mm (from underside of soffit). For ease of panel removal 120 mm recommended.
Fire protection*	Fire protection: See OWA brochure No. 500

Suspension system



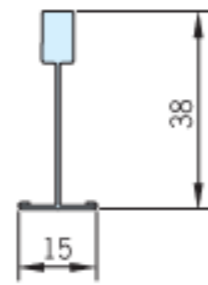
Cross section:



Technical Data

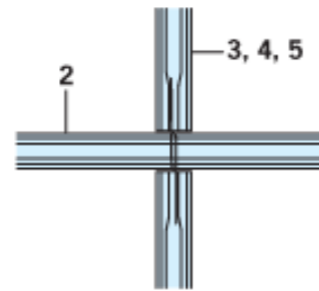
System S15a

Section dimensions



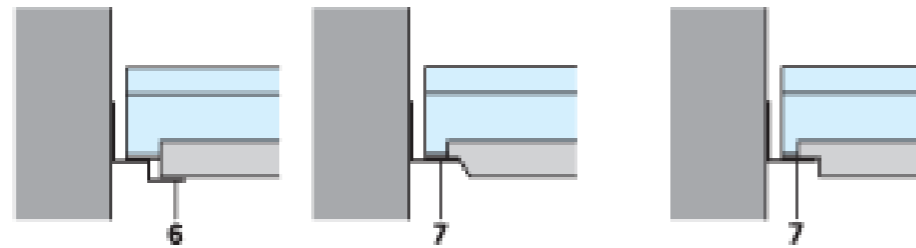
No. 45/15, 46/15, 47/15 and 48/15

Construction

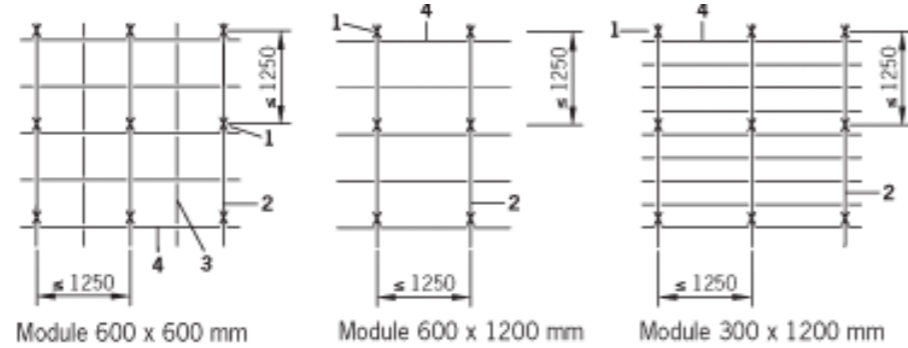


The cross tees have connection tabs on each end, 2 cross tee sections are inserted into each slot in the main tee section but care must be taken to insert the tabs correctly so that the tees are in correct alignment. The ends of the main tee sections have offset connectors which will lock when engaged.

Wall Perimeters

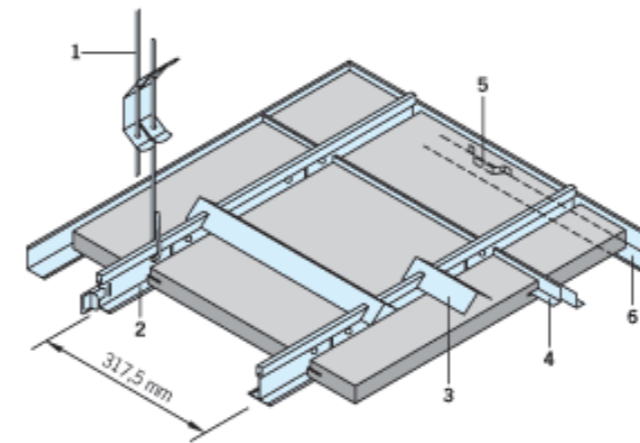


Installation examples



Technical Data

System S2b



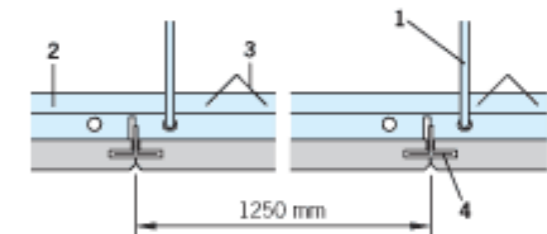
- 1 Hanger No. 12/.../...
- 2 Main T-Section No. 45
- 3 for 317,5 mm centres
- 4 L-Section No. 24
- 5 Wall spring clip No. 52
- 6 Wall angle No. 50

System S2b
Semi-concealed, demountable

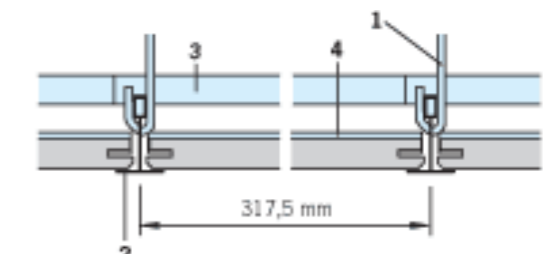


Product line	OWAconstruct® Premium
Dimensions	Width 300 mm Up to 1800 mm Other sizes available
Edge Detail	
Metal suspension	All sections are zinc galvanized and exposed faces are white painted. For further details please contact us
Suspension depth	Minimum suspension depth 75 - 100 mm (from underside of soffit). For ease of tile removal 120 mm is recommended.
Fire protection*	Fire protection: See OWA brochure No. 500

Suspension system



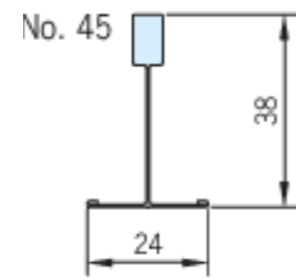
Cross section:



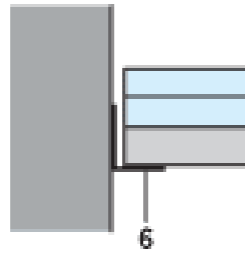
Technical Data

System S2b

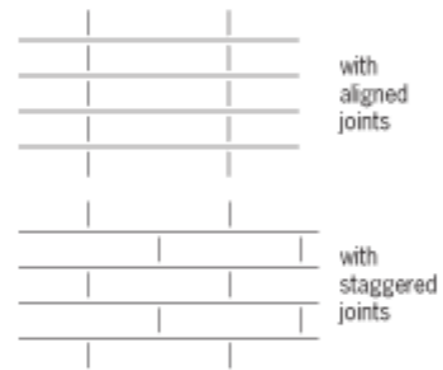
Section dimensions



Wall Perimeters

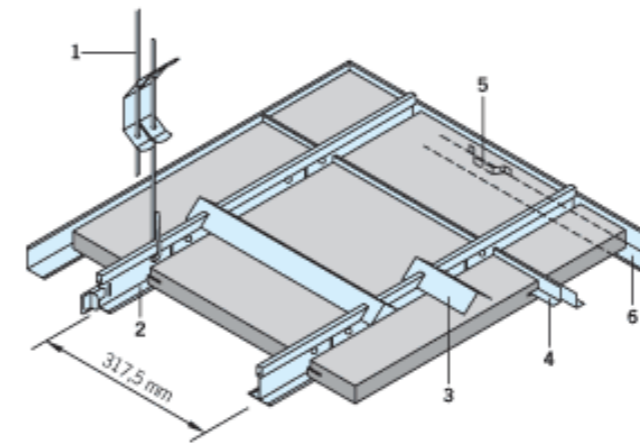


Installation examples



Technical Data


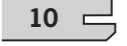
System S9b

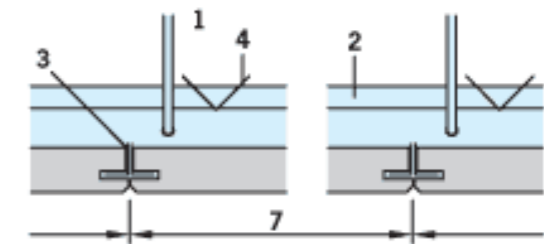


- 1 Hanger No. 12/.../...
- 2 Main T-Section No. 45
- 3 for 317,5 mm centres
- 4 L-Section No. 24
- 5 Wall spring clip No. 52
- 6 Wall angle No. 50

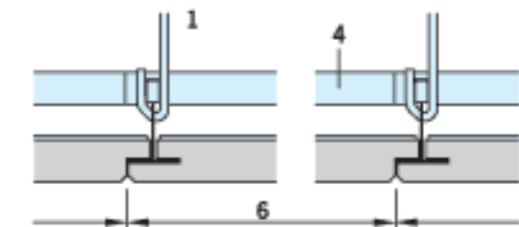
System S9b
Concealed, demountable



Product line	OWAconstruct® Premium
Dimensions	600 x 600 mm
Edge Detail	Long edges  4 Short edges  10
Metal suspension	All metal components listed are galvanized steel or white painted.
Suspension depth	Minimum suspension depth approx. 130 mm
Fire protection*	Fire protection: See OWA brochure No. 500
Suspension system	



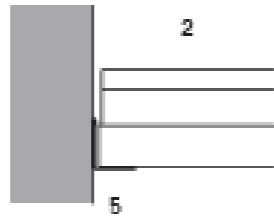
Cross section:



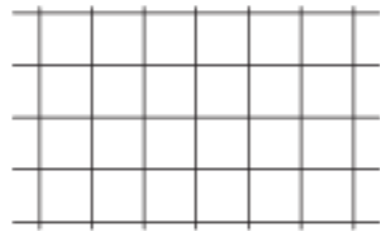
Technical Data

System S9b

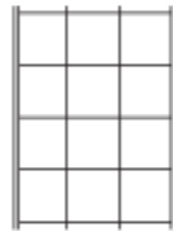
Wall Perimeters



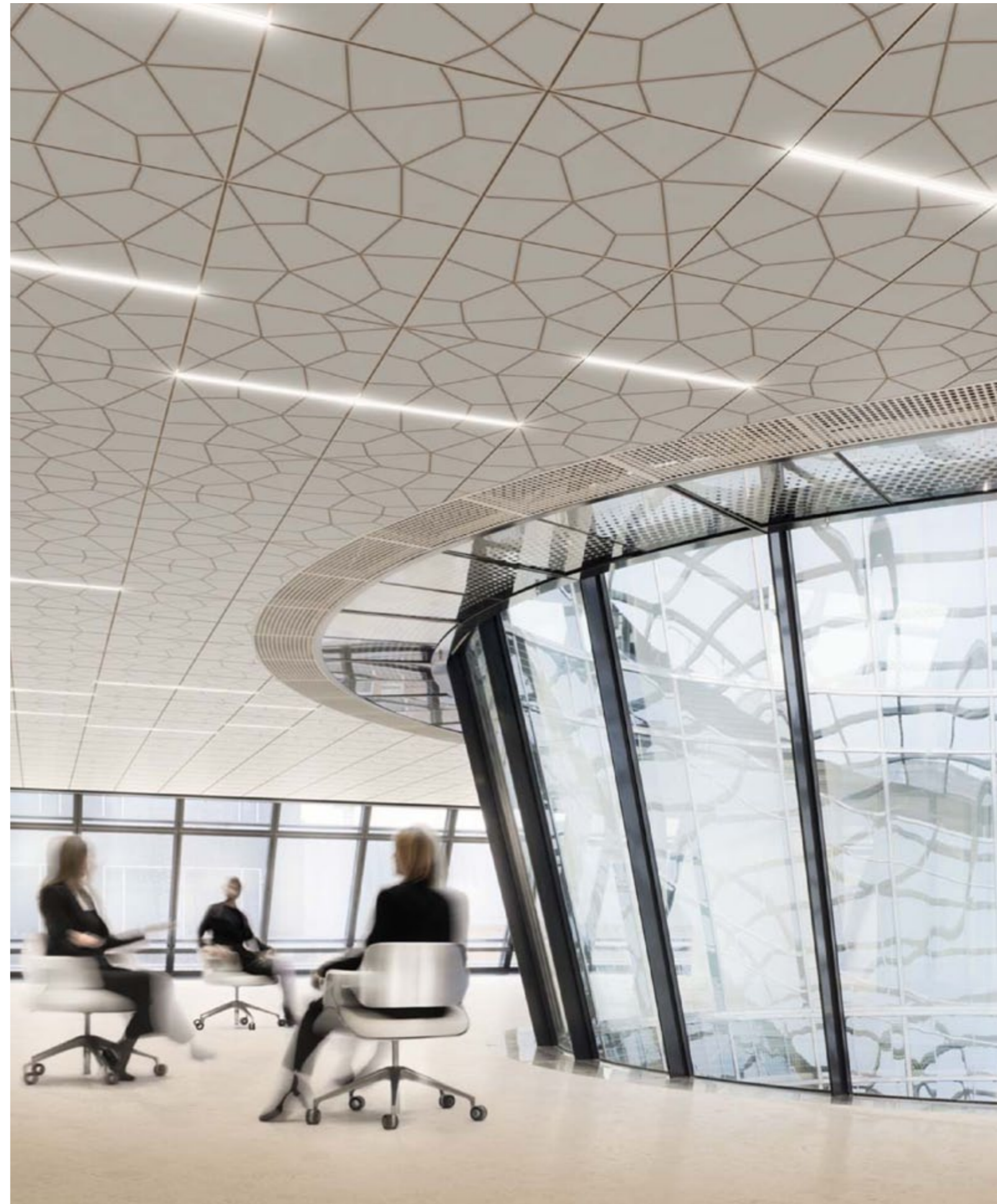
Installation examples



Normal rooms
standard tiles installed



Small or narrow areas
minimum 3 tiles per width
using standard tiles.



Green Building For a better World



Environmental protection and sustainability

When we think about environmental protection we view it from two perspectives. Firstly from our research and development of products and their possible effect on the global market and secondly as a manufacturer whose activities may have a direct influence on the environment. Both perspectives create their own environmental responsibilities and this section is intended to provide an overview of what we are doing to meet those responsibilities.



For detailed information
[click here](#)

Healthy Growth



Sustainable Development

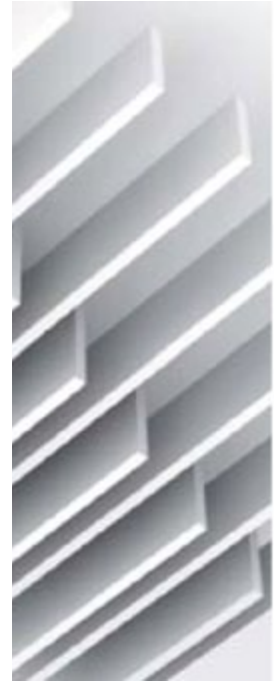
As the population continues to rise, the world has become a rapidly changing, global market offering many new challenges and opportunities.

Our vision is to meet this growth with sustainable, well managed development.

Green Journey

We are providing innovative solutions for the “Green Architecture” of the modern world and encouraging responsible, organic growth within our organisation so we can achieve the declared aim of becoming a “Green” company. Will you join us on the journey?

Green construction



OWAconsult

www.owaconsult.de



OWA develops, produces and sells complete ceiling systems. The demands placed on our products by planners, designers, architects, distributors and installers are diverse and numerous.

Design, functionality, acoustics and fire resistance are some of the required key product characteristics. One other question is becoming increasingly important: "What do OWA ceiling systems contribute to the sustainable design of the building?"

In other words what do the products deliver in terms of air quality, comfort, ease of access and recycling?

You score well with OWA – according to DGNB and LEED®. The German Sustainable Building Council (DGNB) awards certificates according to a wide range of criteria, which are set out in 63 "statements".

Less detailed, but well established as an international standard, is the LEED® (Leadership in Energy and Environmental Design) points system.

OWA products meet both these standards.

Owa products pose no health risks and have attained a number of quality labels.

Worth its weight in platinum: OWAconsult®

The importance we attach to "green" architecture and construction is demonstrated by OWAconsult®, our own in-house consultancy department.

When seeking accreditation to the LEED® Green Building rating system, BREEAM® or even the DGNB standard for sustainable building, we can provide you with the appropriate ceiling and acoustic solution. We can also answer any questions associated with composition, health and safety or disposal of OWA ceilings.

Quality reflecting new values

The less often a product has to be replaced, the better it is for the environment.

Our ceiling systems are designed to remain impressive for the life of the building, retaining the original benefits of appearance, acoustics and fire performance.

The feel-good factor

The design of a ceiling – materials, shapes, colours, surface texture, etc. – can have a key influence on the visual ambience of a room.

Similarly the acoustic performance of a ceiling can have a large impact on the sound quality of the room, as well as its effective use and comfort.

Our products offer innovative single or composite solutions including ceiling canopies, natural look ceilings and flexible acoustic solution for the interior working environment of today and tomorrow ensuring people have a comfortable working environment now and in the future.



Institut Bauen
und Umwelt e.V.



Preserving Nature



100% Recyclable



Sustainability

Sustainability is inextricably linked to a product's performance and the properties of the materials used in its manufacture. OWA embraced the principle of sustainability long before it was considered to be an important aspect of a product's characteristic and uses naturally occurring, sustainable and recycled materials in its mineral wool manufacturing process.

Mineral wool, the key constituent of OWA ceiling tiles, is one of today's most thoroughly researched and monitored building materials.

OWA makes a difference

We produce our own mineral wool and for that reason have full control of the raw material supply chain. Working with selected suppliers, we ensure the shortest transport routes with over 80% of our raw materials being sourced in Germany and most from the local area.

Rating: natural

OWA ceiling tiles are made of bio-soluble fibres derived from natural sources and recycled materials in differing proportions:

- > bio-soluble mineral wool 30% – 60%
- > organic binding agents 5% – 10%
- > solvent-free dispersions 0% – 5%
- > natural fillers (clay, perlite) 20% – 40%
- > recycled pulp 2% – 5%

From ceiling to wall

OWA Ceiling tiles are 100% recyclable so can be integrated into the building lifecycle programme.

On removal they can be recycled. An example of re-use is as a filler in other construction products,

Green supply chain

Sustainable production means ensuring the entire supply chain operates according to our environmental principles and we select our suppliers of raw materials, energy and consumables such as packaging on this basis.

For example, we require our clay suppliers to keep dust levels produced during extraction below the limits applicable in Germany, and hence at a level that poses no risk to health.

Protecting resources



Green Vision

With its product development OWA promotes the concept of “Green Architecture” but how good would the products be if they were not manufactured in accordance with standards of sustainable production? Of course the concept of “totally eco-friendly” production will always be a vision. However this does not prevent us from doing all we can to get as close as possible to a “Green Factory” – and with astounding results!

Certified to ISO14001

We have received certification of compliance with the international environmental management standard ISO14001. As well as adherence to all relevant legislation, this commits us to pursuing a continuous process of improvements with defined environmental objectives and constant monitoring

LEED® Gold for OWA

Our “House of Ceilings” the OWA head office and administration building, was recognised as a ground breaking design when it was built in 1999. In 2012 we had it assessed under the LEED® Green Building Rating System for existing buildings and achieved “GOLD”. When built innovative technologies such as heating the building using energy recovered from the production plant and cooling using only water, were integrated into the design. Many of these innovations are still not standard features in today’s office buildings.

Breathe again at OWA?

Standing in front of a major industrial production facility, complete with “smoking” chimneys, visitors to our company HQ in Amorbach are frequently amazed by the quality of the air. In fact the exhaust smoke is virtually pure water vapour. After all Amorbach is a climatic spa, known for the health-giving properties of its air and we want to keep it that way!

Protecting resources



Our noise stays inside

The production of mineral wool generates high levels of noise which is why the production plant has been sound-proofed.

As a spa resort Amorbach stipulates strict environmental controls and, to ensure we are good neighbours, our production and logistics are organised to minimise noise. Delivery and loading times are carefully regulated and loading at night is not allowed.

New colour-mixing plant

Only by monitoring the whole production process is it possible to analyse and optimise processes quickly and precisely. That is why we have brought the technical heart of our tile finishing facility right up to date.

This has resulted in significant savings in raw materials, more efficient handling of colours and batch checking, better reproduction, greater flexibility for customers’ requirements and the ability to handle smaller runs thanks to optimised mixing technology.

Reuse of consumables

We are a major consumer of materials such as cardboard, cardboard packaging, foils and wood and use our buying power to support our environmental ethos.

We predominantly use recycled paper and source the materials from suppliers who are committed to eco-friendly production. Almost all our consumables can be recycled.

More intelligence for less energy

Energy is a key element in the production of ceiling tiles. We use natural gas, the most efficient commercially available, fossil fuel, and are continuously improving our energy technology. When we built our 7 storey office building in 1998, we installed a heat recovery system in the mineral wool production facility to heat the building. This was so successful that in 2006 we installed a state of the art heat recovery system to make use of the waste heat from the dryers. This is used to heat our production areas and to pre-heat the air needed for combustion. This has resulted in a 20% reduction in energy consumption and a dramatic drop in CO² emissions. In 2007 this innovation was recognised and we were presented with an environmental award by E-ON Water.

Clouds, clean solutions

Around 80% of the water needed in the OWA plant is vaporised during the production process and can be seen as white clouds of pure water vapour above the plant in Amorbach. Of the remaining water, only 7% is sent to a waste water treatment plant, the rest is recycled back into production.

OWAcoustic® Ceilings Reaction to Fire



OWAcoustic® Ceilings

Fire Resistance

The European Standards

The harmonized European Fire Standards are a set of test standards that have been accepted by all countries within the European Economic Community. This allows manufacturers to produce or import products that have been tested to a common standard without the need to test in each member state. Testing to these standards is now accepted in all EEC countries.

Compliance with the European standards and regulations is mandatory. All certified European test laboratories ("Notified Bodies") who are listed with EOTA (European Organisation for Technical Approval) may perform these tests and issue the corresponding test reports (ITT – Initial Type Testing). In addition there may be national test or building regulation requirements that may need to be observed. The Declaration of Conformity and the "KIT" CE label are the two main documents that will normally be required by local authority officers to show that the intended ceiling system will meet the specified performance level. The use of components other than those supplied by OWA will prevent the issuing of a KIT label.



Reaction to Fire

If a fire is able to find sufficient flammable materials it will quickly spread through an area. It is therefore crucial to use materials of limited combustibility on key surfaces within a room, such as ceilings and walls. The use of such materials can dramatically reduce the speed flames spread through an area as well as minimise their contribution to the fire. The European standard EN 13501-1: Reaction to Fire provides a number of performance criteria to measure the fire characteristics of building products. These cover spread of flame and contribution to fire as well the generation of smoke and the production of burning droplets. The table below provides an overview of the available classifications.

Additional requirements		European class according to EN 13501-1
No smokef	No burning droplets falling/dripping	
✓	✓	A1
✓	✓	A2-s1,d0
✓	✓	B-s1,d0
✓	✓	C-s1,d0
	✓	A2-s2,d0
	✓	A2-s3,d0
	✓	B, C-s2,d0
	✓	B, C-s3,d0
✓		A2-s1,d1
✓		A2-s1,d2
✓		B, C-s1,d1
✓		B, C-s1,d2
		A2-s3,d2
		B-s3,d2
		A2-s3,d2
✓	✓	D-s1,d0
	✓	D-s2,d0
	✓	D-s3,d0
		E
✓		D-s1,d2
		D-s2,d2
		D-s3,d2
		E-d2
		F

The additional designations are:

Smoke
s1, s2, s3
s1 = little or no smoke generation
s2 = medium smoke generation
s3 = heavy smoke generation

Burning droplets
d0, d1, d2
d0 = no droplets within 600 seconds
d1 = droplet form within 600 seconds but do not burn for more than 10 seconds
d2 = Not as d0 or d1

Country	Test standard	Classification
EC member states	EN 13501-1	A2-s1,d0 B-s1,d0
Switzerland	Guide to fire regulations, 1976	VI q,3 virtually non-combustible, smoke level low
USAA	STM E 84-97 ac	Class I

Fire Resistance

Fire resistance class EN 13501-2	Fire resistance duration in minutes
REI3 0	≥ 30
REI6 0	≥ 60
REI9 0	≥ 90
REI 120	≥ 120
REI 180	≥ 180

For European categorisation, a building material classification is always given separately.

OWAcoustic® Ceilings

Fire Resistance

Test Criteria

During the fire resistance test the laboratory will look out for adverse reaction as well as reporting on the following key criteria.

R. The structural element should not collapse or deflect beyond the permitted levels when subjected to the applied load.

E. The integrity of the room must be maintained. No breakthrough of flames is permitted.

I. The temperature on the non-exposed side of the structural element must not rise more than 140° C above ambient as an average measurement and no more than 180° C at any one location.

If one of the above criteria is exceeded the test is terminated and the duration achieved prior to failure will dictate the appropriate fire resistance classification.



Due to the diversity of the various structural elements currently available it is impossible to test each individually. We therefore endeavor to test the worst case scenario in each generic construction type.

The following examples show constructions within a test furnace. The illustration below (fig. 1) shows an example of a typical steel beam construction with the OWA ceiling below.

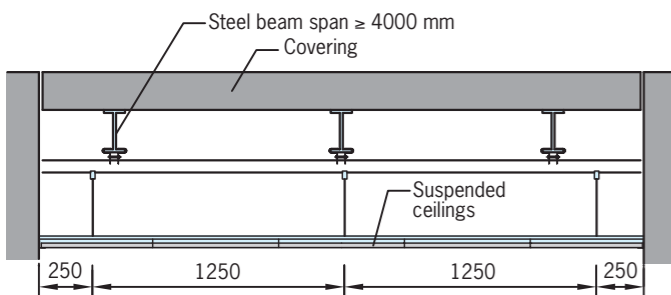


Fig. 1: Steel beam floor

Due to the diversity of the various structural elements currently available it is impossible to test each individually. We therefore endeavor to test the worst case scenario in each generic construction type.

The following examples show constructions within a test furnace. The illustration below (fig. 1) shows an example of a typical steel beam construction with the OWA ceiling below.

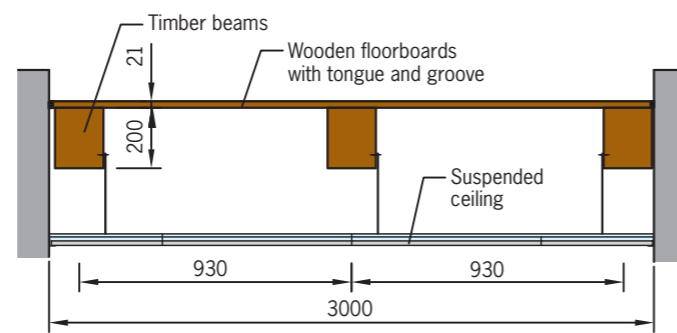


Fig. 2: Timber floor

OWA have tested most standard floor and roof constructions with OWAcoustic Ceilings to EN 13501-2 and have achieved up to REI 180 as shown in the following table.

Where an OWAcoustic ceiling is used to provide structural fire resistance it is important that the ceiling is constructed in the same manner as that used in the test. Failure to use the same components and layout may invalidate any certification and prevent us issuing a KIT declaration

Escape and rescue routes often have services containing combustible materials installed below the structural slabs. For this reason we recommend the use of OWAcoustic self contained fire resistant ceilings (see table on page 6 and 7). With this type of ceiling it is possible to provide fire resistance of EI 30 to the services in the void as well as to the area below. The use of this system can help provide protected escape routes both from fire and smoke.

Please contact your nearest OWA sales centre for suitable systems for your project requirements.

[Click here for full brochure](#)



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Owa Revit files available
[Download from our website](#)

