OWAconsult® collection

Ceiling building blocks for the creative mind

OWAconsult®

collection DESIGNED BY HADI TEHERANI

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OWA
7thFloor®

OWAconsult® collection

DESIGNED BY HADI TEHERANI

Ceiling building blocks for the creative mind

More freedom, openness and creativity in designing your ceiling – that is the objective of our cooperation with Hadi Teherani, architect and product designer by calling. We have given new meaning to the functionality of a room's ceiling. The result: A set of building blocks which opens new possibilities for your own ceiling design. Included: illumination modules bases on the latest LED-technology that showcases this collection in a new light and enhances the set of building blocks. OWAconsult® collection allows for a variety of individual design possibilities and lively surface shapes that were impossible until now. Solutions for ceilings with integrated cooling systems have also been developed: open, but acoustically highly effective ceiling panels, which set new standards as elements of design. Our OWAconsult® specialists will assist you with knowledgeable advice and comprehensive support – from first design draft to project specific implementation of ceiling creations.

Flexo

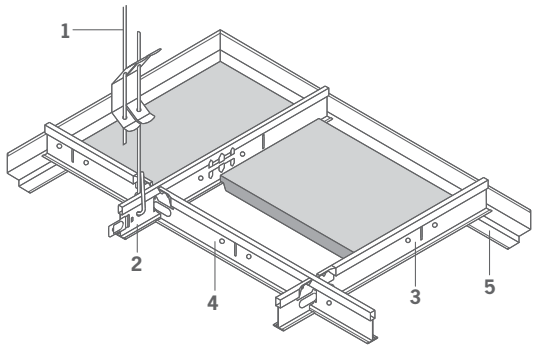
A mix of shapes as individual as you are

Flexo 1

Flexo 2

Flexo 3

Flexo 4



Flexo – mineral tiles

Le / Se 15 α_w **/NRC up to 0.85** (dependent on system)

	Length	Width	Thickness	Units/package
Flexo 1	600 mm	600 mm	15 mm	10
Flexo 2	1200 mm	300 mm	15 mm	10
Flexo 3	1200 mm	600 mm	15 mm	8
Flexo 4	1200 mm	1200 mm	20 mm	6

Flexo LED – integrated LED lighting

Length	Width	Height	Rating	Performance	Ballast unit	Units/package
600 mm	600 mm	105 mm	IP 20	60 W	device driver	1
1200 mm	300 mm	105 mm	IP 20	60 W	device driver	1
1200 mm	600 mm	105 mm	IP 20	60 W	device driver	1

Colour 4000 K, neutral white, includes bulbs

S 15a – ceiling construction

	Order no.	Name/dimensions/surface	Units/package
1	12/30/2	Hanger Diameter: 4 mm, maximum load: 0.25 kN Max. range of extension: 270 mm	100 pieces
2	45/15	Main tee Height: 38 mm, width: 15 mm, Length: 3000 mm, visible side: white	30 pieces
3	46/15	Cross tee Height: 38 mm, width: 15 mm Length: 600 mm, visible side: white	75 pieces
4	47/15	Cross tee Height: 38 mm, width: 15 mm Length: 1200 mm, visible side: white	50 pieces
5	50/15 G	Shadow wall angle Height: 33 mm, visible width: 15 mm, total width: 30 mm Length: 3050 mm, visible side: white	35 pieces
	8040	Reinforcing back spline 1115 mm, zinc galvanized	25 pieces
	8041	Fixing clamp for No. 8040	500 pieces
	42/15	Contura-Blocks	100 pieces

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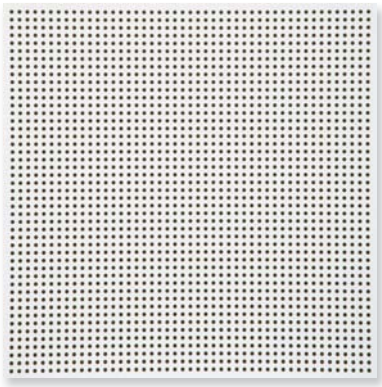
Flexo

A mix of shapes as individual as you are

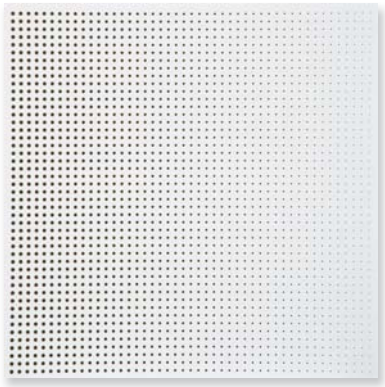
Four different sized plates can be arranged for a ceiling that reflects the unique arrangement of your room, its utilization and structure. And the captivating simplicity: Four modules in sizes 600 x 600 mm, 1200 x 300 mm, 1200 x 600 mm, and 1200 x 1200 mm that can be combined into a variety of shapes.

Pix

Get to the point



Pix 1



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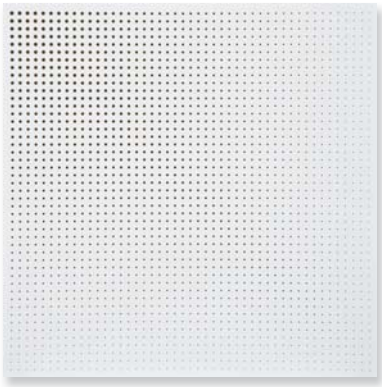
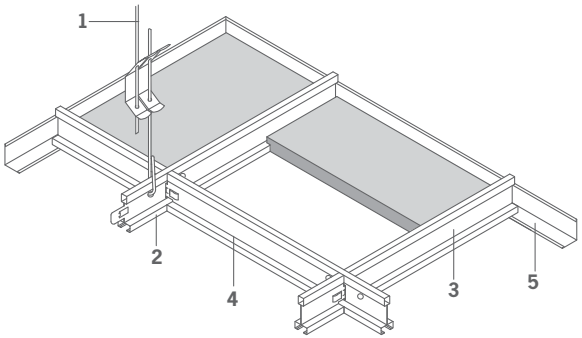


Pix 3



Pix – mineral tiles

Le / Se 15b

	Length	Width	Thickness	Units/package	Absorption α_w/NRC
Pix 1	600 mm	600 mm	15 mm	10	0.85
	1200 mm	600 mm	15 mm	8	0.85
Pix 2	600 mm	600 mm	15 mm	10	0.85
Pix 3	600 mm	600 mm	15 mm	10	0.85

S 15b OWAline – ceiling construction

	Order no.	Name/dimensions/surface	Units/package
1	12/30/2	Hanger Diameter: 4 mm, maximum load: 0.25 kN Max. range of extension: 270 mm	100 pieces
2	3500	Tragprofil Höhe: 41 mm, Breite: 14,3 mm, Länge: 3600 mm Außenseite: weiß, Schattennut: weiß	20 pieces
3	3512	Cross tee Height: 41 mm, width: 14.3 mm, length: 600 mm Exterior: white, edge recess: white	70 pieces
4	3514	Cross tee Height: 41 mm, width: 14.3 mm, length: 1200 mm Exterior: white, edge recess: white	40 pieces
5	50 G	Perimeter trim Height: 24 mm, width: 19 mm, length: 3050 mm	40 pieces

Can be combined with OWAlight, page 18

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collection DESIGNED BY HADI TEHERANI

Pix

Get to the point

A totally new accentuation of the acoustic ceiling, Pix makes it possible. In combination with our fleece-clad ceiling tile Sinfonia, Pix allows you to create new ceiling designs and accentuate different areas in the room. Since every tile is removable, the combination possibilities are endless and are easily modified to match the current requirement. The colour of the dots is customizable – an ideal product for creative interior designs that require a large degree of individualism. Enjoy pixeling your own ceiling!

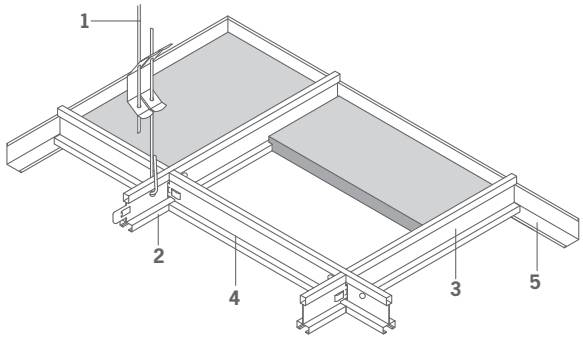
Oriental

The fascination of ornamentation

Oriental – mineral tiles

Le / Se 15b

Length	Width	Thickness	Units/package	Absorption α_w/NRC
600 mm	600 mm	15 mm	10	0.85



S 15b OWAline – ceiling construction

	Order no.	Name/dimensions/surface	Units/package
1	12/30/2	Hanger Diameter: 4 mm, maximum load: 0.25 kN Max. range of extension: 270 mm	100 pieces
2	3500	Main tee Height: 41 mm, width: 14.3 mm, length: 3600 mm Exterior: white, edge recess: white	20 pieces
3	3512	Cross tee Height: 41 mm, width: 14.3 mm, length: 600 mm Exterior: white, edge recess: white	70 pieces
4	3514	Cross tee Height: 41 mm, width: 14.3 mm, length: 1200 mm Exterior: white, edge recess: white	40 pieces
5	50 G	Perimeter trim Height: 24 mm, width: 19 mm, length: 3050 mm	40 pieces

Can be combined with OWAlight, page 18

OWAconsult®
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Oriental

The fascination of ornamentation

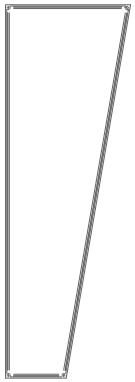
Square tiles that seem anything but square. Oriental dissolves the square grid pattern of the suspended ceiling and allows you to optimize acoustics in non-linear room designs. You no longer have to conform to the square, chequerboard style pattern.
An exciting, sensational look – for creative people with the courage for the exceptional.

Trapeze

A revolution in ceiling design

Trapeze 1

Trapeze 2



Trapeze LED

Trapeze – mineral tiles

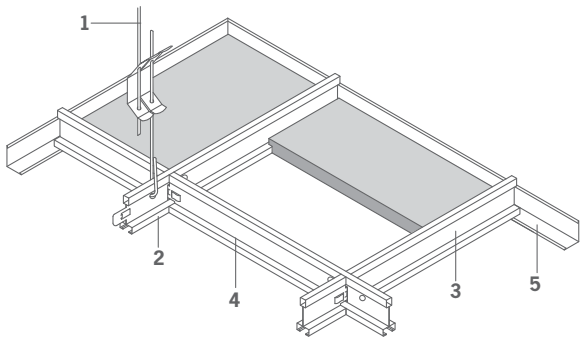
Le / Se 15b **Le** 10

	Length	Width	Thickness	Units/package	Absorption α_w/NRC
Trapeze 1	1200 mm	400 / 200 mm	20 mm	8	0.70
Trapeze 2	1200 mm	600 mm	20 mm	8	0.70

Trapeze LED – integrated LED lighting

Length	Width	Height	Rating	Performance	Ballast unit	Units/package
1200 mm	400 / 200 mm	105 mm	IP 20	60 W	device driver	1

Colour 4000 K, neutral white, includes bulbs



S 15b OWAline – ceiling construction

	Order no.	Name/dimensions/surface	Units/package
1	12/30/2	Hanger Diameter: 4 mm, maximum load: 0.25 kN Max. range of extension: 270 mm	100 pieces
2	3500	Main tee Height: 41 mm, width: 14.3 mm, length: 3600 mm Exterior: white, edge recess: white	20 pieces
3	3512	Cross tee Height: 41 mm, width: 14.3 mm, length: 600 mm Exterior: white, edge recess: white	70 pieces
4	3514	Cross tee Height: 41 mm, width: 14.3 mm, length: 1200 mm Exterior: white, edge recess: white	40 pieces
5	50 G	Perimeter trim Height: 24 mm, width: 19 mm, length: 3050 mm	40 pieces
	37	L-profile for Trapeze 1 Length: 1250 mm	50 pieces

Can be combined with OWAlight, page 18

OWAconsult®
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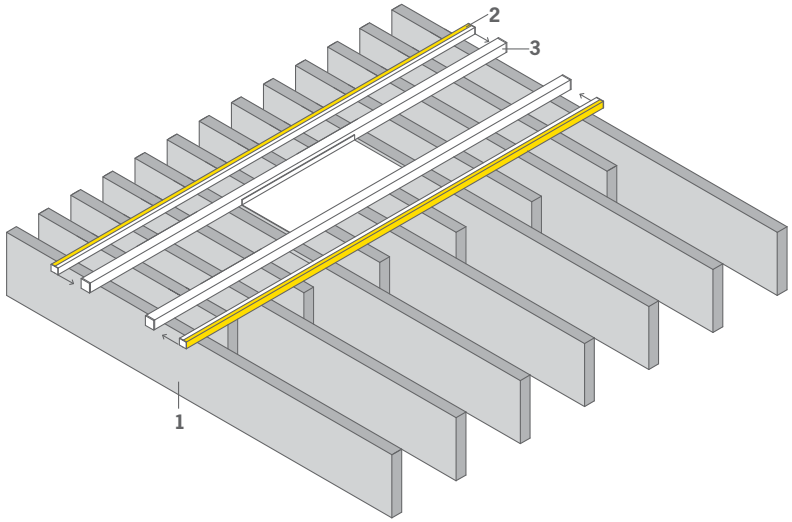
Trapeze

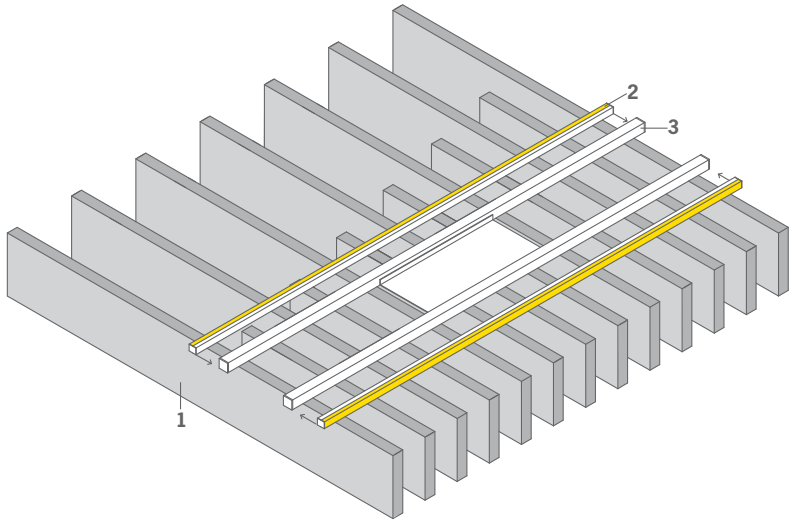
A revolution in ceiling design

Movement, vitality, acoustics, light – that describes Trapeze. A new ceiling tile that revolutionizes ceiling design. With Trapeze, you combine several tiles on your ceiling and the effect manifests itself. A lively ceiling, “step by step”, moving from one slant to the next. The right angle fades. Dynamic structures appear. Combined with the matching light elements your ceiling will turn into a real show stopper.

Square

Out in the open





1 Square – baffle tile package

Le / Se 3

Length	Height	Thickness	Units/package	Absorption α_w/NRC
1200 mm	150 mm	30 mm	7	0.65
830 mm	200 mm	30 mm	1	0.65
780 mm	200 mm	30 mm	1	0.65
730 mm	200 mm	30 mm	1	0.65
675 mm	200 mm	30 mm	1	0.65
620 mm	200 mm	30 mm	1	0.65
570 mm	200 mm	30 mm	1	0.65

Package contents: 7 pcs length 1200 mm, 1 pc each of the shorter lengths; total amount of baffles per package: 13 pcs

2 Square LED – lighting package for Square – optional

Length	Width	Height	Rating	Performance	Ballast unit	Units/package
1200 mm	18 mm	21 mm	IP 20	9 W/m	device driver	1
Dimmer with cable connector – optional						1
Radio-controlled dimmer incl. remote control – optional						1

Package contains: 2 pcs LED-light bars including cables, 6 pcs magnetic connectors with square nuts, power transformer, light colour neutral white 4000 K or warm white 3000 K, energy efficiency 34,24 lm/W; RGB-configuration for additional charge

The LED-light bars are attached to the square profile of Square using the magnets contained in the package. The ready-to-use cables are threaded through the side of the square profile and connected to the power transformer. The transformer is then placed on the connector between the two square profiles. Therefore, it is not visible from underneath. The power transformer needs to be connected to the power supply by an electrical specialist.

3 Square – ceiling construction

Name/dimensions/surface	Units/package
Square profile 32 x 32 x 2,0 mm, length: approx. 1230 mm, colour: white	2 pieces
Connector bar 300 x 158 x 1,5 mm, white	1 pieces
M 6 x 20 mm, galvanised	4 pieces
End cap for C-carrier section, plastic, colour: white	4 pieces

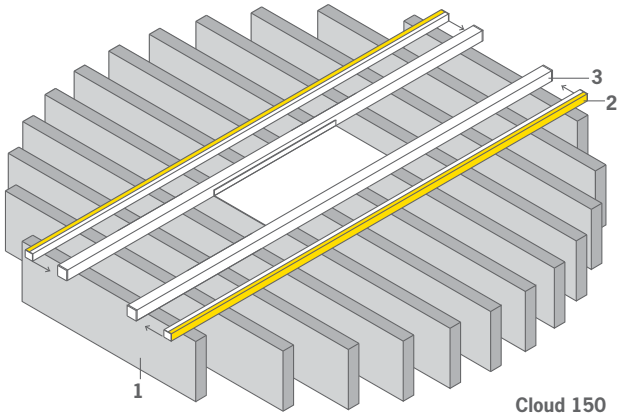
Square

Out in the open

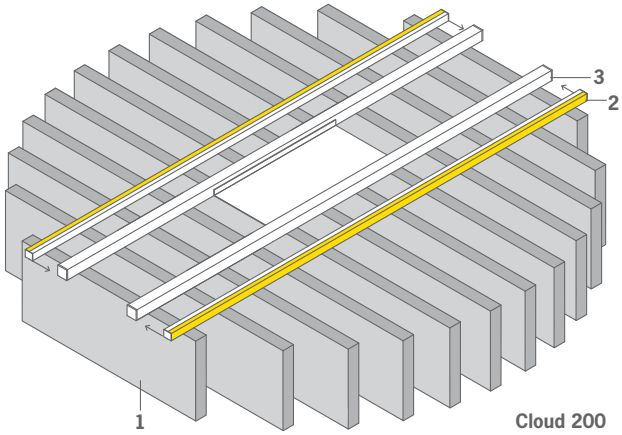
Baffels in a new shape – combined to form a square on whose lower side a trapeze seems to be floating. This is made possible by combining different lengths and heights. By combining several elements, your ceiling will start taking on lively shapes. Square allows you to optimize acoustics where a full suspended ceiling is not possible (for example on concrete ceilings with active heating/ cooling elements). Equip Square with the LED light strip package, and you will also be able to make a great impression in the dark.

Cloud

One cloud you will be happy to see



Cloud 150



Cloud 200

1 Cloud 150 – baffle tile package

Le / Se 3

Length	Height	Thickness	Units/package	Absorption α_w/NRC
1295 mm	150 mm	30 mm	1	0.65
1280 mm	150 mm	30 mm	2	0.65
1230 mm	150 mm	30 mm	2	0.65
1150 mm	150 mm	30 mm	2	0.65
1020 mm	150 mm	30 mm	2	0.65
825 mm	150 mm	30 mm	2	0.65
500 mm	150 mm	30 mm	2	0.65

1 Cloud 200 – baffle tile package

Le / Se 3

Length	Height	Thickness	Units/package	Absorption α_w/NRC
1295 mm	200 mm	30 mm	1	0.65
1280 mm	200 mm	30 mm	2	0.65
1230 mm	200 mm	30 mm	2	0.65
1150 mm	200 mm	30 mm	2	0.65
1020 mm	200 mm	30 mm	2	0.65
825 mm	200 mm	30 mm	2	0.65
500 mm	200 mm	30 mm	2	0.65

Total amount of baffles per package: 13 pcs

2 Cloud LED – lighting package for Cloud – optional

Length	Width	Height	Rating	Performance	Ballast unit	Units/package
1200 mm	18 mm	21 mm	IP 20	9 W/m	device driver	1
Dimmer with cable connector – optional						1
Radio-controlled dimmer incl. remote control – optional						1

Package contains: 2 pcs LED-light bar including cables, 6 pcs magnetic connectors with square nuts, power transformer, light colour neutral white 4000 K or warm white 3000 K, energy efficiency 34,24 lm/W; RGB-configuration for additional charge

The LED light bars are attached to the square profile of Cloud using the magnets contained in the package. The ready-to-use cables are threaded through the side of the square profile and connected to the power transformer. The transformer is then placed on the connector between the two square profiles. Therefore, it is not visible from underneath. The power transformer needs to be connected to the power supply by an electrical specialist.

3 Cloud – ceiling construction

Name/dimensions/surface	Units/package
Square profile 32 x 32 x 2,0 mm, length: approx. 1230 mm, colour: white	2 pieces
Connector bar 300 x 158 x 1,5 mm, white	1 pieces
M 6 x 20 mm, galvanised	4 pieces
End cap for C-carrier section, plastic, colour: white	4 pieces

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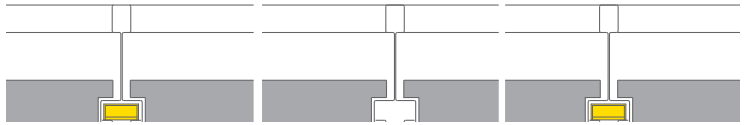
Cloud

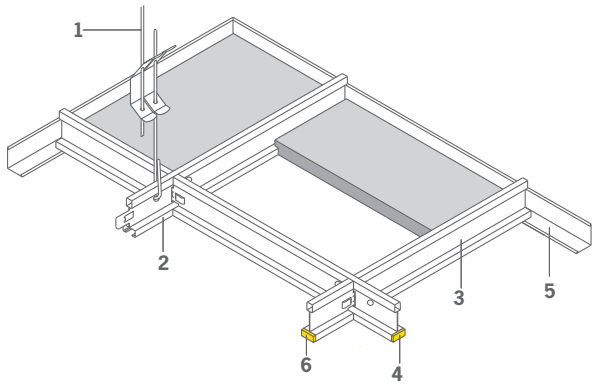
One cloud you will be happy to see

Straight baffles are combined to create a simple, round shape on the ceiling shaped like a cloud in the sky. Because they come in two different depths, the baffles can be assembled to create a look of clouds passing in front of one another, an attractive visual effect. If the ceiling design prevents a full suspended ceiling, for example it is a concrete ceiling with a built in cooling system, Cloud is a creative way to optimize acoustics in a room. Light bars can be installed inside the cloud to provide illuminative depth.

OWAlight

Seamless illumination





OWAlight – LED light bar for S 15b OWAline

	Name/dimensions/surface	Units/package
6	OWAlight 1 LED light bar, Cross tee, Length: 600 mm, height: 41 mm, width: 14.3 mm, Exterior: white, Interior: LED light band with a length of 600 mm Rail delivered ready to be plugged in, cable length 2000 mm	1
4	OWAlight 2 LED light bar, Cross tee, Length: 1200 mm, height: 41 mm, width: 14.3 mm, Exterior: white, Interior: LED light band with a length of 600 mm Rail delivered ready to be plugged in, cable length 2000 mm	1
4	OWAlight 3 LED light bar, Cross tee, Length 1200 m, height: 41 mm, width: 14.3 mm, Exterior: white, Interior: LED light band with a length of 1200 mm Rail delivered ready to be plugged in, cable length 2000 mm	1
	Transformer for up to 6 LED light rails, with connections for multiple plugs, 150 W	1
	Transformer for up to 12 LED light rails, with connections for multiple plugs, 240 W	1
	6 x multiple plug, delivered ready to plug in	1

The OWAlight-LED bar replaces the connector profiles No. 3514 and/or No. 3512, thus it is possible to create squares or rectangles. Light bars can also be mounted in parallel or parallel offset patterns. The light bars are ready-to-use and can be easily connected to the power transformer via the included multi-plug. If more than 6 light rails are being used, we recommend using a stronger power transformer with two multi-plugs. With the necessary information, OWAconsult can calculate light distribution and create layout drawings for OWAlight.
Available light colours: neutral white (4000 K) or warm white (3000 K). Energy efficiency 34.24 lm/W, performance 24 W per m.

S 15b OWAline – ceiling construction

	Order no.	Name/dimensions/surface	Units/package
1	12/30/2	Hanger Diameter: 4 mm, maximum load: 0.25 kN Max. range of extension: 270 mm	100 pieces
2	3500	Main tee Height: 41 mm, width: 14.3 mm, length: 3600 mm Exterior: white, edge recess: white	20 pieces
	3514	Cross tee Height: 41 mm, width: 14.3 mm, length: 1200 mm Exterior: white, edge recess: white	40 pieces
3	3512	Cross tee Height: 41 mm, width: 14.3 mm, length: 600 mm Exterior: white, edge recess: white	70 pieces
5	50 G	Perimeter trim Height: 24 mm, width: 19 mm, length: 3050 mm	40 pieces

OWAlight

Seamless illumination

OWAlight is an addition to our S 15b line. It allows LED-light bars to be seamlessly integrated into the ceiling design. The advantages: A classy, unobtrusive look that emits ample of light at very low energy consumption levels. OWAlight bars are available in 600 and 1200 mm length and come ready to be mounted as a S 15b connecter profile. Turned off, the light bar is not visible and ensures the continuous uniform look of the ceiling.

OWAconsult® collection

Attractively innovative

In addition to working with Hadi Teherani, OWAconsult® is always looking to expand its product range to satisfy our customers. Our team of architects, acousticians, and designers develops solutions that combine design and acoustic function. Open a new chapter on the topic of Ceiling-Design!

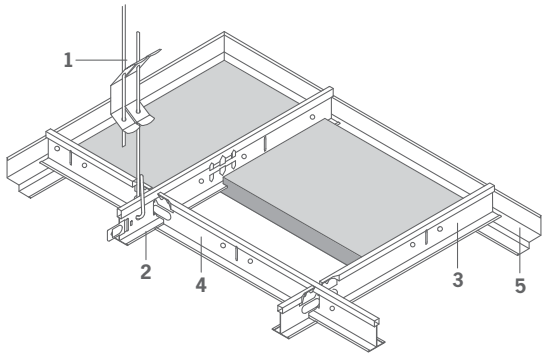
Opus

Cool design – warm acoustics

Opus – mineral tiles

4c 10c

Length	Width	Thickness	Units/package	Absorption α_w/NRC
600 mm	600 mm	20 mm	8	0.70/0.65



S 19 Teccor – ceiling construction

	Order no.	Name/dimensions/surface	Units/package
1	12/30/2	Hanger Diameter: 4 mm, maximum load: 0.25 kN Max. range of extension: 270 mm	100 pieces
2	45	Main tee Height: 38 mm, width: 24 mm, length: 3700 mm Visible side: white	25 pieces
3	46	Cross tee Height: 32 mm, width: 24 mm, length: 600 mm Visible side: white	75 pieces
4	47	Cross tee Height: 32 mm, width: 24, length: 1200 mm Visible side: white	50 pieces
5	50/19	Shadow wall angle Height: 38 mm, total width: 30 mm, Visible width: 15 mm, length: 3050 mm	15 pieces

OWAconsult® collection

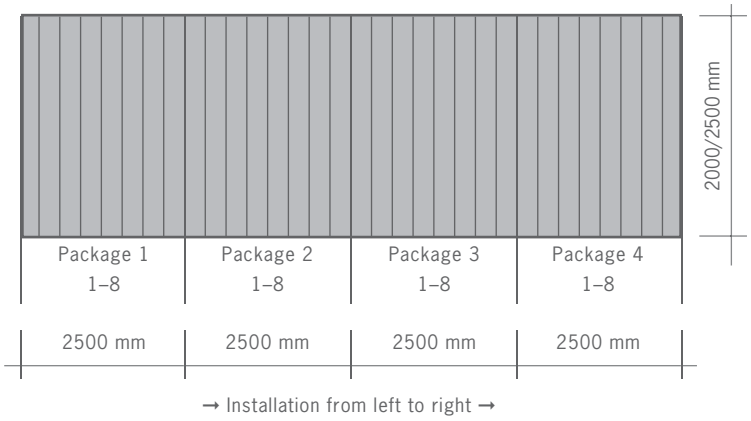
Opus

Cool design – warm acoustics

Yesterday's concrete was "hard-walled"! Opus was developed by the OWAconsult® design team with the objective to turn the modern look of exposed concrete into an acoustic pleasure. Since the ceiling tiles are mounted to a hidden suspension system, your ceiling will not only be acoustically highly effective, but it will also display elegant, continuous surfaces that will be hard to distinguish from real concrete.

Opus wall mount

Absolute style – in sound and vision



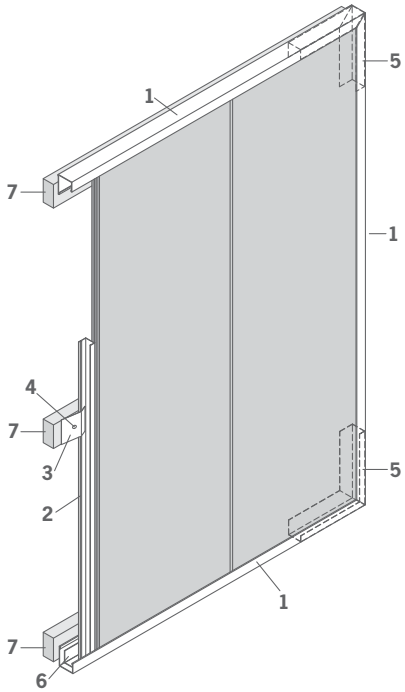
Opus – mineral tiles

Le 1 **Se** 3

Length	Width	Thickness	Units/package	Absorption α_w/NRC
2000 mm	312.5 mm	20 mm	8	0.70/0.65
2500 mm	312.5 mm	20 mm	8	0.70/0.65

2000 x 312.5 mm

2500 x 312.5 mm



S 1 – wall mount

	Order no.	Name/dimensions/surface	Units/package
1	57/10	Perimeter channel Height: 32 mm, width: 20/40 mm, length: 3000 mm, Visible side: white	10 pieces
2	20	Z-section Height: 21 mm, flange width: 19 mm, length: 3000 mm, galvanised	25 pieces
3	62	Direct fixing clamp Format: 50 x 55 mm, galvanised	100 pieces
4	91	Screw, 5 x 25 mm, galvanised	500 pieces
5	1506	Corner connector for perimeter channel no. 57/10 Height: 30.8 mm, width: 12/30 mm, length: 100 mm, galvanised	lose
6	51/25	Perimeter channel Height: 25 mm, width: 25 mm, Thickness: 1.0 mm, length: 3000 mm Visible side: white	10 pieces
7		Timber batten 24/48 mm on site	

Wall mount restricted impact resistent.
Broken boards can be changed easily.

OWAconsult® collection

Opus wall mount

Absolute style – in sound and vision

Opus even looks good on the walls – as a link between flexible absorber elements. Anyone walking into a room fitted with Opus will be surprised: hardly any reverberation and speech is perfectly comprehensible. Opus is a B-grade absorber made of mineral wool fibres (absorption 0.70) and is produced for rooms that demand the absolute best in interior design.

Art wall absorbers

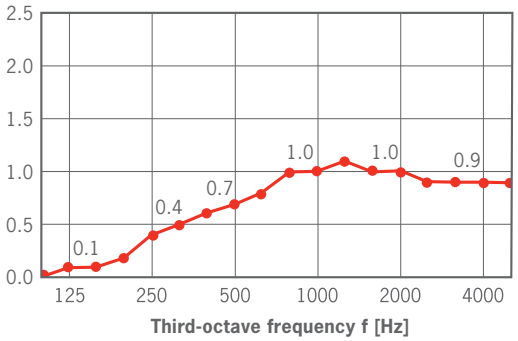
Make your space picture perfect

At only 30 mm, the wall absorbers are especially light and have no visible frame.
They are easily mounted and everything you need for mounting is included.

Would you like your company logo as a sound improver or the wall of your conference room? How about a photo, picture, or poster as a wall absorber in your lobby, restaurant, school, or kindergarten? OWAcoustic® Art absorbers come in the size and format of your choice.

OWA wall art allows you to dramatically improve a room's acoustic characteristics while have the exact visual impact you desire. It is a cost effective and decorative way to retrofit any room.

Equivalent sound absorption area [m²]
timber frame with printed surface (1200 x 800 x 30 mm)



Frame Front side, dimensions in mm	Absorption α_w/NRC	art 1 1200 x 800	art 2 1500 x 1000
These absorbers are just 30 mm thick, which makes them especially light. They are manufactured with no visible frame.	0.70/0.65		

OWAconsult® collection

Art wall absorbers

Make your space picture perfect

OWAcoustic® art wall absorbers are broadband absorbers with average absorption values onto which you can print anything you want.

You can even choose an image from our online library at **www.owa-art.de**

General information

Prices for OWAconsult® collection on request.

Dimensions

All dimensions in this brochure are grid pattern measurements. The outside dimensions of ceiling tiles might defer depending on the system.

Designs

For better visualization some designs in this brochure have been enlarged. Please base your purchasing decision based on an actual product sample.

Colour

Ceiling tiles can be colour treated at the installation site. Printed tiles can not be retreated. Please consult our installation manual. Slight variations in colour and sheen might occur due to the material's characteristics. We can not guarantee colour consistency across multiple deliveries.

Ceiling tiles and subconstruction systems

The OWAconsult® collection tiles and subconstruction systems in this brochure are part of the OWAcoustic® and OWAconstruct® lines. Tests and certifications regarding fire protection, building material classification, and acoustics apply accordingly. Mounting and suspension systems depend on the construction site and fire safety requirements and prices will vary accordingly. Baffles of Square or Cloud with building material class B1 according to DIN 4102 (flame resistant).

Subconstruction systems in this brochure have been specially chosen for our OWAconsult® collection. Builders, architects, and installers are responsible to ensure compatibility in the case that other suspension systems or parts are utilized.

Please request brochure 500 for an overview of fire protection tests and certifications of OWA ceiling systems.

A number of the suspension system parts have been subjected to different fire safety, acoustic, and load bearing tests. However, the results are only valid if original OWA subconstruction parts and OWA ceiling tiles are used.

Shipping costs

Freight and logistics prices for the ceiling tiles and suspension systems in this brochure will be made availabe upon request.

Order quantity and surcharges for lower quantities upon request.

Delivery times

Customers can expect delivery within 4 to 6 weeks of their order.
Non-standard orders may experience longer delivery times.

OWAconsult® services

OWAconsult® is happy to assist you with your project and answer any questions regarding the products in this brochure. Please do not hesitate to contact our free hotline at 0049 (0) 9373/201-444 for more information.

We also offer additional services for a small fee. These services include: drawn plans and graphics of ceiling grid patterns based on your chosen design and layout; calculations for material requirements (tiles and suspension systems); drawings of system related details; acoustic calculations (reverberation time); instructional courses; fire protection rating certification; CAD drawings; light calculations; and more. For details please refer to our “OWAconsult® service offers” brochure.

Thinking beyond:
OWAconsult®

In 2009 OWAconsult® was formed as an independent advisory and planning unit of Odenwald Faserplattenwerk GmbH. OWAconsult® is a group of experts on dry interior construction focusing on the topics of acoustics, fire protection, and ceiling systems. OWAconsult® invites its clients to think beyond, dive into new architectural ideas, and realize their visions. A phone-hotline provides you with instant, expert advise and easy direct consultation.

Hadi Teherani

Hadi Teherani AG bases its range of services on the holistic philosophy of its founder. Their work covers the disciplines of product design, interior design and communication. Hadi Teherani develops and designs groundbreaking products and solutions for clients of all backgrounds. Teherani's designs excite through imagination, innovation, emotion, and clean architectonical shapes.

OWA in Amorbach:
Ceiling system manufacturer and acoustics specialist

Odenwald Faserplattenwerk GmbH is a family-owned business with approximately 440 employees. The company is one of the market leaders in mineral wool ceiling tiles in Germany. It has also developed into a highly sought after supplier for ceiling systems on the international market. Approximately 80 % of OWA's production is exported into roughly 80 different countries. OWA-products carry national and international quality and environmental certifications.

PLATZHALTER

OWAconsult® collection

Odenwald Faserplattenwerk GmbH
Dr.-F.-A.-Freundt-Straße 3
63916 Amorbach
Tel. +49 9373 2 01-0
Fax +49 9373 2 01-1 30
www.owa.de · E-Mail: info@owa.de

Brochure **1001 E**
021302