

Constellation



Constellation smart



Constellation

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

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



OWAcoustic premium
Timeless mineral tiles

OWAcoustic® smart

Possible system combinations



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



Teile-
nummer
Item no.

Abmessung (nom.)
Dimensions (nom.)
[mm]

VPE
PU

α_{w}

NRC

Absorptionsklasse
Absorption class

$D_{n,w}$

CAC

Feuchtigkeitsbeständigkeit
Humidity resistance

Reinraumklasse
Cleanroom class

Washability
ASTM D4828

Scrubability
ASTM D2486

Mold and mildew
ASTM D3273

Feuerwiderstand*
Resistance to fire*

Gewicht ca. [kg/m²]
Weight approx. [kg/m²]

Recyclefähigkeit
Recyclability

Recyclinganteil
Recycled content

Garantie (Jahre)
Warranty (years)

OWAcoustic® smart Sternbild / Constellation smart

▲ abhängig von Rohdecke und sonstigen Zusatzmaßnahmen /
dependent on soffit and other specific factors

Kante / Edge



3

für sichtbare Systeme / for visible systems
S 3 / S 3 cliq / S 15 cliq

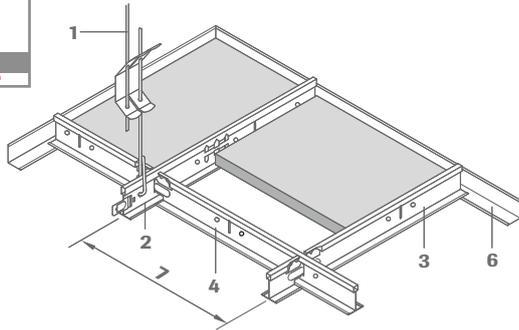


Teile- nummer Item no.	Abmessung (nom.) Dimensions (nom.) [mm]	VPE PU	α_{w}	NRC	Absorptionsklasse Absorption class	$D_{n,w}$	CAC	Feuchtigkeitsbeständigkeit Humidity resistance	Reinraumklasse Cleanroom class	Washability ASTM D4828	Scrubability ASTM D2486	Mold and mildew ASTM D3273	Feuerwiderstand* Resistance to fire*	Gewicht ca. [kg/m ²] Weight approx. [kg/m ²]	Recyclefähigkeit Recyclability	Recyclinganteil Recycled content	Garantie (Jahre) Warranty (years)
00043735	600 x 600 x 14	12	0.60	0.60	C	29 dB	31 dB	90 % RH	-	✓	✓	✓	REI 120°	3.9	100 %	✓	10
00078937	610 x 610 x 14	12	0.60	0.60	C	29 dB	31 dB	90 % RH	-	✓	✓	✓	REI 120°	3.9	100 %	✓	10
00043785	625 x 625 x 14	12	0.60	0.60	C	29 dB	31 dB	90 % RH	-	✓	✓	✓	REI 120°	3.9	100 %	✓	10
00043931	1200 x 600 x 14	10	0.60	0.60	C	29 dB	31 dB	90 % RH	-	✓	✓	✓	REI 60°	3.9	100 %	✓	10
00067416	1200 x 600 x 14	10	0.60	0.60	C	29 dB	31 dB	90 % RH*	-	✓	✓	✓	REI 60°	3.9	100 %	✓	10
00048328	1220 x 610 x 14	10	0.60	0.60	C	29 dB	31 dB	90 % RH	-	✓	✓	✓	REI 60°	3.9	100 %	✓	10
00045661	1250 x 625 x 14	10	0.60	0.60	C	29 dB	31 dB	90 % RH	-	✓	✓	✓	REI 60°	3.9	100 %	✓	10
00050539	1250 x 625 x 14	10	0.60	0.60	C	29 dB	31 dB	90 % RH*	-	✓	✓	✓	REI 60°	3.9	100 %	✓	10

* Improved performance for special areas | ° S 15 cliq kein Feuerwiderstand / S 15 cliq no resistance to fire

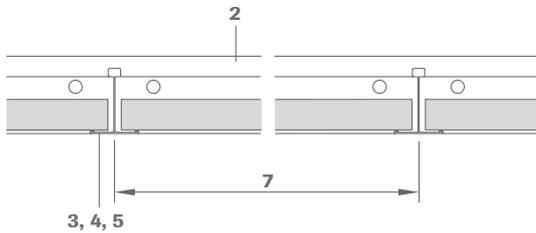


System S 3 | exposed, demountable

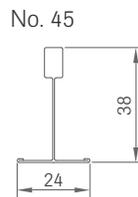


- 1 Hanger no. 12/.../...
- 2 Main tee no. 45, slots at 100 mm, 152.4 mm or 156.25 mm
- 3 Cross tee no. 46
- 4 Cross tee no. 47
- 5 Cross tee no. 48
- 6 Wall angle no. 50G
- 7 Module distance

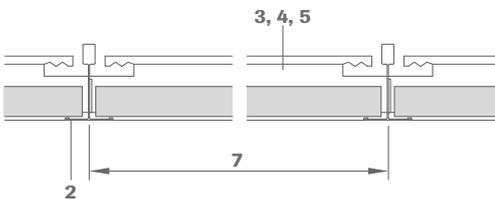
Section:



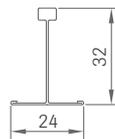
Section dimensions:



Cross-section:



No. 46, 47, 48



Technical data | mineral tiles

Dimensions

600 x 600 mm, 610 x 610 mm, 625 x 625 mm, 1200 x 600 mm, 1220 x 610 mm, 1250 x 625 mm
width: 300 mm, 312.5 mm, 400 mm | length: 1200 mm, 1250 mm, 2000 mm*, 2500 mm*

Availability depending on surface. Other sizes available on request. Subject to minimum quantities and surcharges.

See OWAlifetime collection price list.

* only conditionally demountable

Edge detail

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Thickness

14 mm and 15 mm nom. (OWAcoustic® premium & smart)

Reaction to fire

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

Resistance to fire

See OWA-brochure no. 9500 eu e

Metal suspension

All metal components listed are galvanized steel. For further details and colours please consult OWAlifetime collection price list.

Suspension depth

75 - 100 mm (depending on the existing structural ceiling)
for ease of panel removal 120 mm is recommended