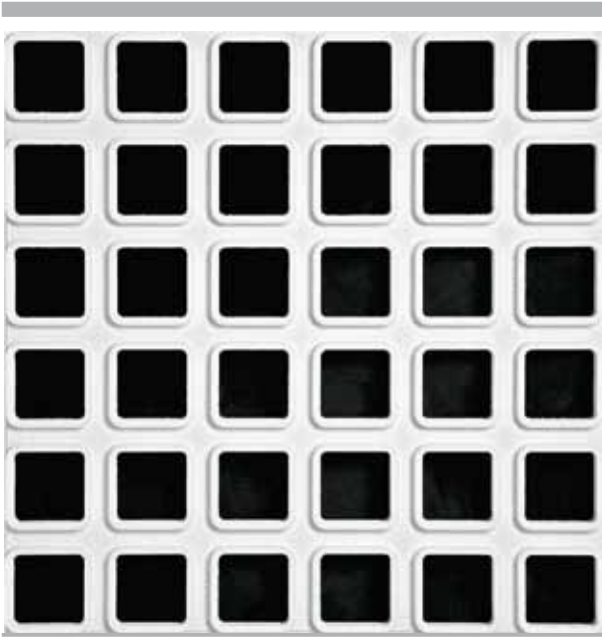


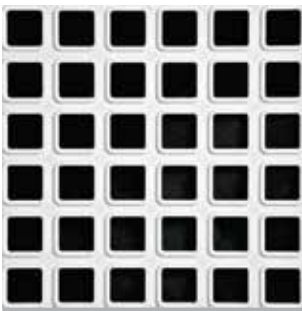
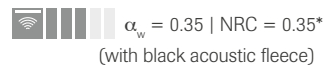
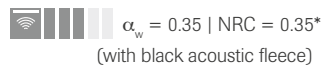
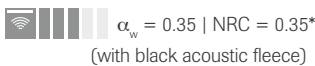


Looking for square perforations?

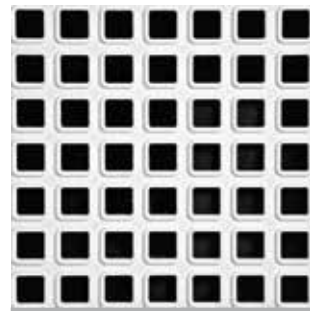
Excell | mineral tiles



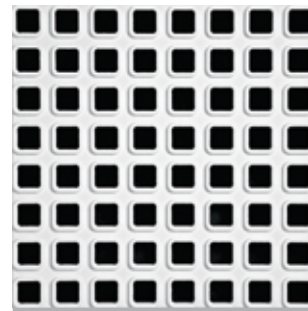
Surface example | Excell 1/6



Excell 1/6



Excell 1/7



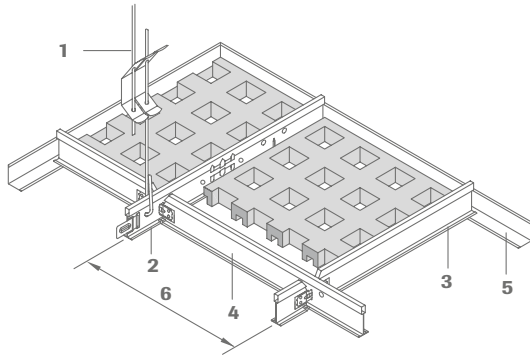
Excell 1/8

* Additional 50 mm ISOVER Akustic SSP2 $\alpha_w = 0.90$ | NRC = 0.90 (suspension depth H = 300 mm)

Technical data | mineral tiles

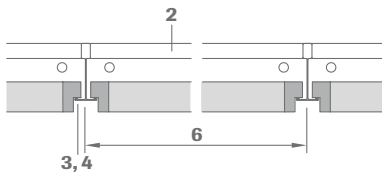
Dimensions	600 x 600 mm		625 x 625 mm	
Open area in %	Excell 1/8	39.3 %	42.3 %	
	Excell 1/7	42.2 %	45.4 %	
	Excell 1/6	49.0 %	51.8 %	
System	S 15 cliq			
Material	Mineral tile			
Fleece on backside	A back side fleece in colours grey and black is available. On site it can be applied to the back side of the Excell-tile to improve design and acoustical features. The fleece needs to be ordered separately.			
Edge details				
Thickness	Approx. 20 mm (OWAcoustic® premium)			
Moisture resistance	up to 90 % RH			
Metal suspensions	All metal components listed are galvanized steel or white coated galvanized steel respectively. For further details and colours please consult our OWAcoustic® collection price list.			
Suspension depth	75 - 100 mm (depending on ceiling type of structural ceiling). For ease of panel removal 120 mm are recommended.			

Excell | exposed, demountable

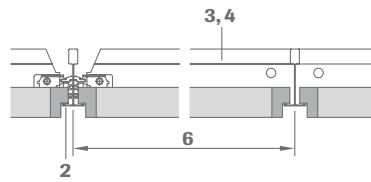


- 1 Hanger no. 12/.../...
- 2 Main tee cliq-15-MR, slots at 100 or 156.25 mm centres
- 3 Cross tee cliq-15-CT short
- 4 Cross tee cliq-15-CT long
- 5 Wall angle no. 50G
- 6 Module distance

Section:

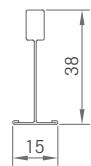


Cross-section:

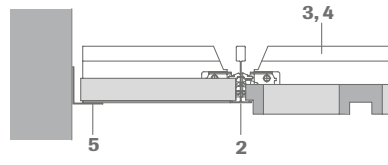
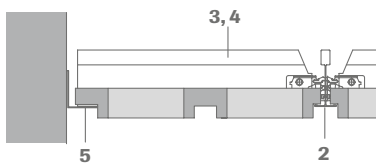


Section dimension:

cliq-15-MR and
cliq-15-CT

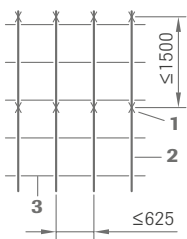


Wall perimeter:

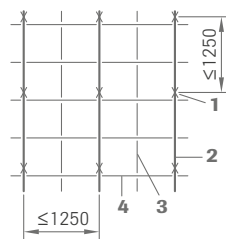


For other wall mounting options and installation instructions please consult OWA-Installation Guide 801 E.

Installation examples:



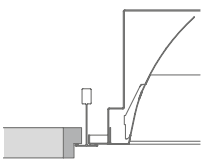
Module 625 x 625 mm



Module 625 x 625 mm

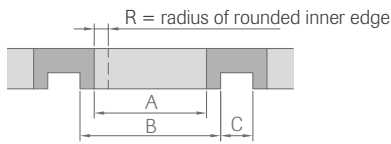
Light fixtures:

OWA can supply compatible light fixtures for this system.



For details of performance, installation and fire resistance please see OWA-brochure no. 9630 e and OWA-Installation Guide no. 801 E.

Table of measurements for different sized openings:



Module size 625 mm

	1/8	1/7	1/6
A	51	60	75
B	63	74	89
C	15	15	15
R	8	7	7

Dimensions in mm

Module size 600 mm

	1/8	1/7	1/6
A	47	56	70
B	59	70	84
C	16	16	16
R	8	7	7

Dimensions in mm

Material requirements per m² (approximationS):

no.	Description	600 x 600 mm	625 x 625 mm	625 x 625 mm *
12/.../...	Hanger	0.7 pce	0.7 pce	1.1 pcs
cliq-15-MR	Main tee	0.83 m	0.8 m	1.6 m
cliq-15-CT	Cross tee short	0.83 m	0.8 m	1.6 m
cliq-15-CT	Cross tee long	1.66 m	1.6 m	-
50G	Wall angle	depending on room size and shape		

Weight per m²:

	600 x 600 mm	625 x 625 mm	625 x 625 mm *
Suspension parts approx	1.06 kg/m ²	1.03 kg/m ²	1.06 kg/m ²
Tile – 1/6, 1/7, 1/8 – ca.	3.7 kg/m ² – 4.5 kg/m ² – 4.7 kg/m ²	3.7 kg/m ² – 4.5 kg/m ² – 4.7 kg/m ²	3.7 kg/m ² – 4.5 kg/m ² – 4.7 kg/m ²

* Installation with reduced main tee distance (≤ 625 mm)

In case of modified installation, for example layer of wool added to the top, light fixtures, cold roofs, high humidity and open areas etc. please consult OWA-Installation Guide 801 E.

System description:

Excell – exposed OWAconstruct® System S 15 cliq (lay-in system)

Quality statement:

OWAacoustic mineral panels are free from harmful materials such as asbestos and formaldehyde. A statement from the German institute for Building Technology is available. The mineral wool used in these panels is biodegradable. The criterions of the zero-ranking as a carcinogenic material in the chemical prohibition ordinance (§ 1 appendix) section 23 bio-persistent fibres are complied with and therefore carries the "RAL-Seal of mineral wool" guarantees.

Mineral tiles according to EN 13964 and DIN 18177:

Air Permeability	Class PM 1
Formaldehyde	FH Class 1
TVOC	Class 1

Installation should be carried out in accordance with the information contained in brochure no. 1863, system leaflet S 15 cliq and OWA-Installation Guide no. 801 E. All components are CE labelled.

Component list:

OWAconstruct hanger no. 12/.../2
OWAconstruct main tee cliq-15-MR
OWAconstruct cross tee cliq-15-CT short and long
OWAconstruct wall angle no. 50G

Product Warranties

The information provided in this leaflet is based on the standards and data available at the time of publication. Any performance, warranties or guarantees provided, expressed or implied, are subject to the exclusive use of OWA components and the installation of those components in accordance with our recommendations. Failure to adhere to these conditions will result in the invalidation of any performance claims, warranties or guarantees and rejection of any liability. OWA reserves the right to make any technical improvements to the products, systems or services without prior notice. **All goods and services are supplied in accordance with our current Terms and Conditions of Sale.** Errors excepted!



OWA

Odenwald Faserplattenwerk GmbH

Dr.-F.-A.-Freundt-Straße 3 | 63916 Amorbach
tel +49 93 73.2 01-0 | info@owa.de
www.owa-ceilings.com