

OWA Oriental™

Mineral Fibre Ceiling Panel

Technical Data sheet



ASONA

Description.

Square tiles that seem anything but square. OWAacoustic® Oriental dissolves the square grid pattern of the suspended ceiling and allows you to optimize acoustics in nonlinear 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.

Application.

OWAcoustic® Oriental with it's striking appearance that can look good in auditoria and showrooms as well as more functional areas like offices, shops and foyers.

Composition.

15mm thick wet felt hard mineral fibre ceiling panel with a bold geometric line pattern printed onto a smooth plain white finish.

Benefits.

- Bold patterned mineral fibre ceiling panel
- Dissolves the square grid pattern
- Fine plain finish & high light reflectance
- High sound absorption, NRC 0.85
- Fire Resistant
- Easy to trim and install

Technical Specifications

Item #	Size (nominal)	Edge *
OWO15.060	15 x 600 x 600 mm	A/ SQ
OWO15.061	15 x 600 x 1200 mm	A/ SQ

* E24 for 24mm faced grid, E15 for 15 mm faced grid

Practical Sound Absorption Rating:						
α _w 0.85; Class D; ISO 354 E-200, NRC 0.85 per ASTM C423						
Hz	125	250	500	1000	2000	4000
α _p	0.30	0.40	0.55	0.85	0.70	0.70

Accessibility:

All panels are demountable and accessible

Back loading:

Max. 0.5 kg/m², point loads shall be independently supported.

Colour:

White

Environmental impact:

Recycle packaging after use, contact Asona for reuse option.

Fire Reaction:

Material group number: 1S C/VM2 / ISO 5660.1. Suitable for fire exit way and all other sprinklered & non sprinklered buildings.

Humidity:

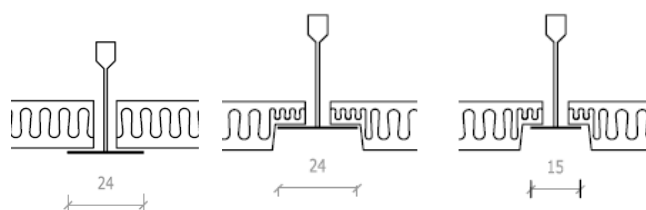
Max 95% R/H at 30°C.

Light reflectance:

ISO 7724-2, ISO 7724-3, >84% White

Maintenance:

Clean with vacuum, soft brush or damp soapy cloth.



NZ Building Code:

Clause B2—durability, 5 years

Packaging:

8 pcs per ctn (1200 x 600mm), 16 pcs (600 x 600mm)

Weight:

4.5 kg/m²

Installation:

Shall not commence until the building is water tight and dry. Light fittings shall be independently supported, use hold down clips in seismic areas. Install hangers at 1200 mm o.c, main tees at 1200 mm o.c, cross tees to suit panel module. Wall angle to be fixed at 300 mm o.c

Specification:

Ceiling system shall be OWAacoustic® Oriental as supplied by Asona Ltd: 09 525 6575 Fax: 09 525 6579, item# (), module () x ()mm, 15 mm thick, (A24 square edge) Fire group 1S. Sound absorption NRC 0.85, CAC 35, colour white, install panel on T24 two way exposed suspension system with (shadow line) (20 x 19 mm) wall angle.

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All dimensions are nominal. We reserve the right to change specifications .
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