

OWA Humancare™

Mineral Fibre Ceiling Panel

Technical Data sheet



asona

Description.

The elegant fleece-covered surface design contributes to a pleasant visual room ambiance. The white antimicrobial surface can be wiped off easily with a damp cleaner or vacuumed without compromising any of the hygienic functionality. Humancare™ contributes significantly to ensuring optimum spatial acoustics with a sound absorption NRC 0.85 combined with a Group 1S fire rating. Humancare™ actively combats the multi-resistant hospital bug MRSA and the murine norovirus as well as being compliant with the internationally recognised JIS Z 2801 standard.

Application.

Equally suitable for laboratories, medical and industrial high-tech facilities. OWA Humancare™ combines the highest standards for both purity and safety, even in the most demanding working environments. With OWA Humancare™, you have already begun minimising the risk of hospital infection in the planning phase by using suitable building materials.

Composition.

15 mm thick wet felt hard mineral fibre ceiling panel with a smooth plain white fleece finish and an antimicrobial coating. The OWA Humancare™ antimicrobial surface demonstrates effective germicidal properties with a reduction rate of five log levels.

Benefits.

- Microbial coating actively combats the multi-resistant hospital bugs MRSA and the murine norovirus.
- Elegant fleece-covered surface design.
- Best in class for hygiene-sensitive areas.
- Surface can be wiped with a damp cleaner or vacuumed without compromising any of the hygienic functionality.
- Fine plain finish & high light reflectance.
- Compliant with international JIS Z 2801 standard.
- High sound absorption, NRC 0.85
- Fire Resistant, Group 1S.
- Easy to trim and install.
- Made in Germany to the highest standards.

Technical Specifications

Item #	Size (nominal)	Edge *
OWO15.0606	15 x 600 x 600 mm	A/ SQ
OWO15.0612	15 x 600 x 1200 mm	A/ SQ

Practical Sound Absorption Rating: αW 0.85; Class D; ISO 354 E-200, NRC 0.85 per ASTM C423						
Hz	125	250	500	1000	2000	4000
αp	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



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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