

# OWA Oriental™

## Decorative Acoustic Ceiling System

Technical Data sheet—BPIR Class 1



asona

### Description.

OWA Oriental™ acoustic ceiling system comprises a 15 mm slot grooved suspension grid, with integrated LED strip lights and a 600 x 600 acoustic panel with decorative print finish. The result is a monolithic aesthetic and optimized room acoustics.

### Application.

OWA Oriental™ with its striking appearance that can look good in open plan offices, corporate reception and client spaces as well as auditoria and showrooms.

### Composition.

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

### Features & Benefits.

- Contemporary print patterned mineral fibre ceiling panel.
- Camouflage grid lines for monolithic ceiling aesthetic.
- 15 mm narrow slot suspension system with integrated LED lighting cross tees option.
- Fine plain finish & high light reflectance.
- High sound absorption, NRC 0.80, CAC 30
- Global GreenTag certified, Level A
- Fire Group 1-S.
- Easy to trim and install.
- Made in Germany for quality assured performance.

### Technical Specifications

Item #	Size (nominal)	Edge
OWO15.0606	15 x 600 x 600 mm	E15 rebated

NB: Panels are available on indent only, lead times and MoQ apply.

Practical Sound Absorption Rating:						
α <sub>w</sub> 0.85; Class B; ISO 354 E-200, NRC 0.8 per ASTM C423						
Hz	125	250	500	1000	2000	4000
α <sub>p</sub>	0.65	0.80	0.80	0.80	0.90	1.00

### Accessibility:

All panels are demountable and accessible.

### Colour:

White.

### Environmental Impact:

Global GreenTag certified, Level A. Recycle packaging after use.

### Fire Reaction:

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

### Light Reflectance Value:

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

### Limitations:

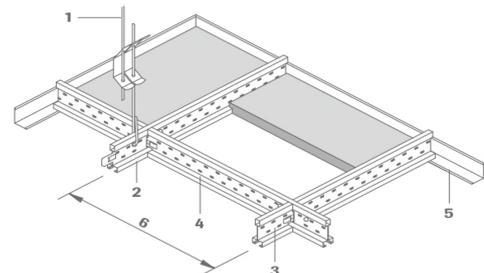
- For interior use only, and not in direct contact with water.
- Maximum humidity/temperature 99% R/H at 30°C.
- Back loading max. 0.5kg/m<sup>2</sup>, point loads to be independently supported.
- Indent only, lead times and MoQ apply.

### Maintenance:

Clean with vacuum, soft brush or damp cloth.

### NZ Building Act

This product is not subject to a warning or ban under Section 26.



### NZ Building Code Compliance:

- B2 Durability – Clause B2.3.1 (c) (i): OWA ceiling tiles with only normal maintenance will have a minimum durability of at least 5 years when installed in accordance with; manufacturer's installation requirements and AS/NZS 2785:2020.
- C3 Fire – Clause C/AS2 3.4(a): OWA Sinfonia has a Fire Material Group Number 1-S by NZBC verification method C/VM2 Appendix A, tested in accordance with ISO 5660 or ISO 9705.

### Warranty:

15 year limited warranty against manufacturing defects.

### Weight:

3.5 kg/m<sup>2</sup>.

### Installation:

Shall not commence until the building is watertight and dry. This product is designed to be mounted into a two-way exposed grid system and installed to manufacturer's and AS/NZS 2785:2020 Standard's requirements. Seismic design may require a suitably qualified engineer. Care shall be taken when handling tiles to avoid damage.

### Specification:

Ceiling system shall be OWA Oriental™ as supplied by Asona Ltd: 09 525 6575, info@asona.co.nz. Item# OWO15.0606, size 600 x 600 x 15 mm thick, E15 rebated edge, Fire Group 1-S, sound absorption NRC 0.80, CAC 30, colour white with grey print pattern, install panel on OWA OWA-line S15b two way exposed suspension system. Refer to seismic design for bracing requirements. Contractor shall register the ceiling on practical completion. (Asona ceiling Masterspec 5311AS specification available).

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### ISO 9001:2015 Registered Firm No. NZ1014

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All dimensions are nominal. We reserve the right to change specifications .  
Ref. OWO15-23.12