

# owa sinfonia c<sup>TM</sup>

MINERAL FIBRE CEILING PANEL



TECHNICAL DATA SHEET BPIR - CLASS 1



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## Mineral Fibre Ceiling Panel

### Technical Data Sheet - BPIR Class 1

OWA Sinfonia C™ is a 15 mm thick fleece covered mineral fibre acoustic ceiling panel designed to provide NRC 0.70 and CAC 34. Sinfonia C™ offers a cost effective ceiling solution for general offices with a high quality, plain white fleece surface.

#### Application

OWA Sinfonia C™ has an attractive subtle appearance that can look good in open and closed plan offices, meeting rooms, corridors as well as auditoria and foyers.

#### Composition

15 mm thick wet felt hard mineral fibre ceiling panel with a smooth plain white fleece facing.

#### Features & Benefits

- Balanced acoustic performance for general and open plan office spaces.
- High sound absorption, NRC 0.70.
- CAC 34 for attenuation of room to room noise.
- Fire Group 1-S.
- Global GreenTag certified, Level A
- Light weight for seismic areas and ease of handling
- Durable mineral fibre ceiling panel.
- Fine plain finish & high light reflectance.
- Easy to trim and install.
- Made in Germany for quality assured performance.

#### Technical Specifications:

Item #	Size (nominal)	Edge *
OWA84255.0612W	15 x 600 x 1200 mm	03 - SQ

\* Rebated edge panels also available.

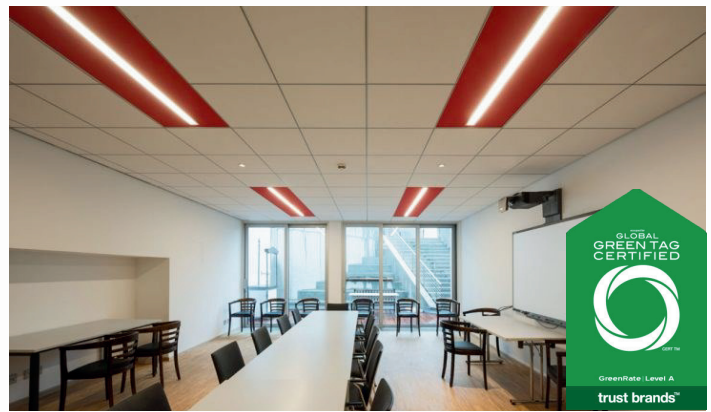
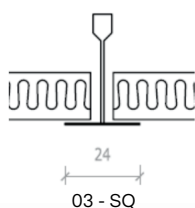
NB: Panels are available on indent only, lead times and MoQ apply.

#### Sound Absorption Rating:

αW 0.70; Class C; ISO 354 E-200, NRC 0.70 per ASTM C423

Hz	125	250	500	1000	2000	4000
αp	0.40	0.60	0.65	0.65	0.75	0.75

#### Technical Drawing



**Accessibility:** All panels are demountable and accessible.

**Colour Finishes:** White, others to order, contact Asona.

**Environmental Impact:** Global GreenTag certified, Level A. Recycle packaging after use.

**Light Reflectance:** 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 Balance 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.

**Packaging:** 10 pcs per ctn (1200 x 600mm)

#### Renew & Reuse Stewardship Program:

Soiled or damaged panels can be resurfaced with new Sonatex laminates for reuse in the ceiling. Helps extend life cycle and reduce construction waste. Register on practical completion.

**Warranty:** 15 year limited warranty against manufacturing defects, extendable to 30 years when registered for Asona's Renew and Reuse program.

**Weight:** 4.0 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. Hold down clips may be required in areas of wind uplift, or seismic areas. Care shall be taken when handling tiles to avoid damage.

**Specification:** Ceiling system shall be OWA Sinfonia C™ as supplied by Asona Ltd: 09 525 6575, info@asona.co.nz. Item# OWA84255.0612W, size 1200 x 600 x 15 mm, edge 3/square, Fire Group 1-S. Sound absorption NRC 0.70, CAC 34, colour white, install panel on Rondo Donn DX two way exposed suspension system. Contractor shall register the ceiling with Asona Renew and Reuse product stewardship program on practical completion. (Asona ceiling Masterspec 5311AS specification available).

ISO 9001:2015 Registered Firm No. NZ1014

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