owa sinfonia balance™

MINERAL FIBRE CEILING PANEL

TECHNICAL DATA SHEET BPIR - CLASS 1

Acoustic Ceiling and Wall Solutions

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Technical Data Sheet - BPIR Class 1

Sinfonia Balance is a 20 mm thick fleece covered mineral fibre acoustic ceiling panel designed to provide a balanced acoustic performance with NRC 0.80 and CAC 37. Sinfonia Balance offers a cost effective solution for general offices with a high quality, plain white fleece surface.

Application

OWAcoustic® Sinfonia with an attractive yet subtle appearance that can look good in conference rooms and auditoria as well as more functional areas like offices, shops, corridors and foyers.

Composition

20 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 0.80.
- CAC 37 for attenuation of plenum and room to room noise.
- Global GreenTag certified, Level A
- Durable mineral fibre ceiling panel.
- Fine plain finish & high light reflectance.
- Fire Group 1-S.
- Easy to trim and install.
- Made in Germany for quality assured performance.

Technical Specifications:

Item #	Size (nominal)	Edge *
OWA79487.0612W	20 x 600 x 1200 mm	03 - SQ
OWA79490.0606W	20 x 600 x 600 mm	6/E24
OWA79493.0612W	20 x 600 x 1200 mm	6/E24

* 6/E24 rebated for 24mm faced grid

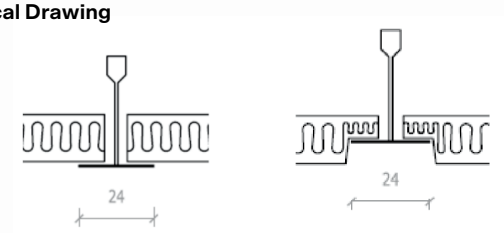
NB: Panels are available on indent only, lead times and MoQ apply.

Sound Absorbtion Rating:

αW 0.85; Class B; ISO 354 E-200, NRC 0.80 per ASTM C423

Hz	125	250	500	1000	2000	4000
αp	0.45	0.50	0.80	1.00	1.00	1.00

Technical Drawing



03 - SQ 6 - Rebated

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/m², 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 4.12.1: OWA Sinfonia Balance has a Fire Material Group Number 1-S by NZBC Building Product Specification Parts 8.5.4 or 8.5.5, tested in accordance with ISO 9705 or ISO 5660.

Packaging: 10 pcs per ctn (1200 x 600mm), 16 pcs (600 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 and installed in Rondo Donn DX® exposed grid systems supplied by Asona.

Weight: 4.4 kg/m²

Installation: Shall not commence until the building is watertight and dry. This product is designed to be mounted into a Rondo Donn DX® 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 OWAcoustic® Sinfonia Balance as supplied by Asona Ltd: 09 525 6575 Fax: 09 525 6579, item# (_), module (_) x (_)mm, 20 mm thick, (edge 3/square), (edge 6/ rebated) Fire Group 1-S. Sound absorption NRC 0.80, CAC 37, 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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Asona Ltd. Office & Factory
6 Mahunga Drive, Mängere Bridge, Auckland 2022
New Zealand
NZBN: 9429036035175

New Zealand
T: +64(0)9 525 6575
E: info@asona.co.nz
W: www.asona.co.nz

Manufactured by:
Odenwald Faserplattenwerk GmbH, 63916 Amorbach, Germany.
E: info@owa.de
W: owa.de

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