

perforated acoustic wood wall or ceiling panel

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Asona confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ

[Fire Report to ISO 9705 - F112886](#)



The following information has been provided by Asona demonstrating how this product complies with the [Building Product Information Requirements](#).

Technical Statement

Product Class

CLASS 1

Product Description

Sonawood™ is a made in NZ perforated wood panel with acoustic tissue backing designed to control unwanted noise in interior spaces. Panels may be customised according to substrate, decorative finish, acoustic perforations and sized to meet individual project requirements.

Scope of use

Sonawood™ is ideal for gymnasiums, sports centres, schools, showrooms, boardrooms, corporate offices, lobbies, hotels, office buildings, retail or anywhere a wood-look decorative ceiling is desired. Sonawood™ can also be used in wall installations. It is not intended for use in wet areas, very high humidity or corrosive environments.

- For interior use only, and not in direct contact with moisture or in extreme humidity conditions.
- Not for use with negative air return plenums.
- Maximum humidity/temperature 90% R/H at 30°C.
- Maximum weight that can be directly integrated into the ceiling eg: lighting, A/C grill, speakers etc, shall not exceed 1.5kg. Greater weights shall be independently supported.
- Plywood types may be limited by the ply lamination process and acceptable machinability quality. Do not butt panels edge to edge. Lead times apply, contact Asona.

Refer Asona Sonawood™ Installation Manual for additional details.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(b)

B2 Durability – Clause B2.3.1 (b) (i): 15 years are moderately difficult to access or replace.

Asona Sonawood with only normal maintenance will have a minimum durability of at least 15 years when installed in accordance with; manufacturer's installation requirements and AS/NZS 2785:2020.

In use history. No test methods available.

- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a)

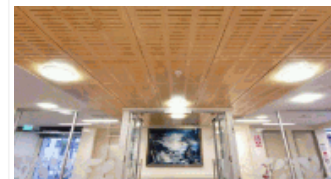
C3 Fire – Clause C/AS2 3.4(a):

Asona Sonawood has a Fire Material Group Number range from 1-S to 3 subject to the panel wood type, surface finish and perforations, by NZBC verification method C/VM2 Appendix A, tested in accordance with ISO 5660 or ISO 9705. Please refer the Sonawood Technical Data Sheet for specific details.

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

B2 Durability and C3 Early Reaction to Fire



masterspec partner

Company Contact Details

asona

Company: Asona Limited

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AUCKLAND

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Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

BRANZ

[Fire Report to ISO 9705 - FI12886](#)

Use in Service History

Colleges, gyms (school and commercial)

Auckland Zoo

Product Criteria

Design requirements

Sonawood™ perforated acoustic panels from either MDF or plywood are inherently robust, so are suitable for a variety of environments if durability is a requirement along with acoustic control. They can be used as feature ceilings, entire ceilings, individual location panels, or as a grid and tile ceiling. A specific FR formulation MDF option provides a Group 2-S early fire resistant rating. Available in a range of sheet sizes and thicknesses, hole or slot perforations, colours, woodgrain and painted or clear coat finishes to compliment interior designs, as well as noise control with an integrated acoustic backing. Also available non-perforated.

Installation requirements

Sonawood™ panels can be direct fixed, used with concealed suspended systems or smaller tiles for standard Rondo Donn® exposed grid ceilings, as well as wall mounting.

Shall not commence until the building is water tight and dry. Sonawood wall panels shall be installed with a full perimeter support and plywood ceiling panels must have the face grain running at right angles to framing members. If panels are to be face fixed, timber framing members are recommended to enable more discrete fixings to be used. To minimise the risk of buckling, it is recommended that the panels be allowed to in the area in which they are being installed no less than 2days. Allowance of 3mm minimum shall be made between panels to accommodate swelling and building movement.

Refer to Asona Sonawood™ TDS and Installation Manual for specific individual installation requirements.

Maintenance requirements

No specific maintenance for B2 compliance. Clean with vacuum, soft brush. May be cleaned with a damp soapy cloth, clean away residual soap and dry after cleaning.

Warrantees

Manufacturers 15-year warranty against manufacturing defects.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made

AWCI

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Asona Limited

Business Email:

info@asona.co.nz

Company Website:

www.asona.co.nz

Contact Number/s:

+64 09 -5256575

Product Identifier

Asona Sonawood - wood acoustic panels

Product Technical Statement: 111523



MANY VARIATIONS SUBJECT TO PANEL MATERIAL, FINISH, PERFORATION TYPE, REFER ASONA SONAWOOD TDS.

Warnings

This product has no warnings associated with it.



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