

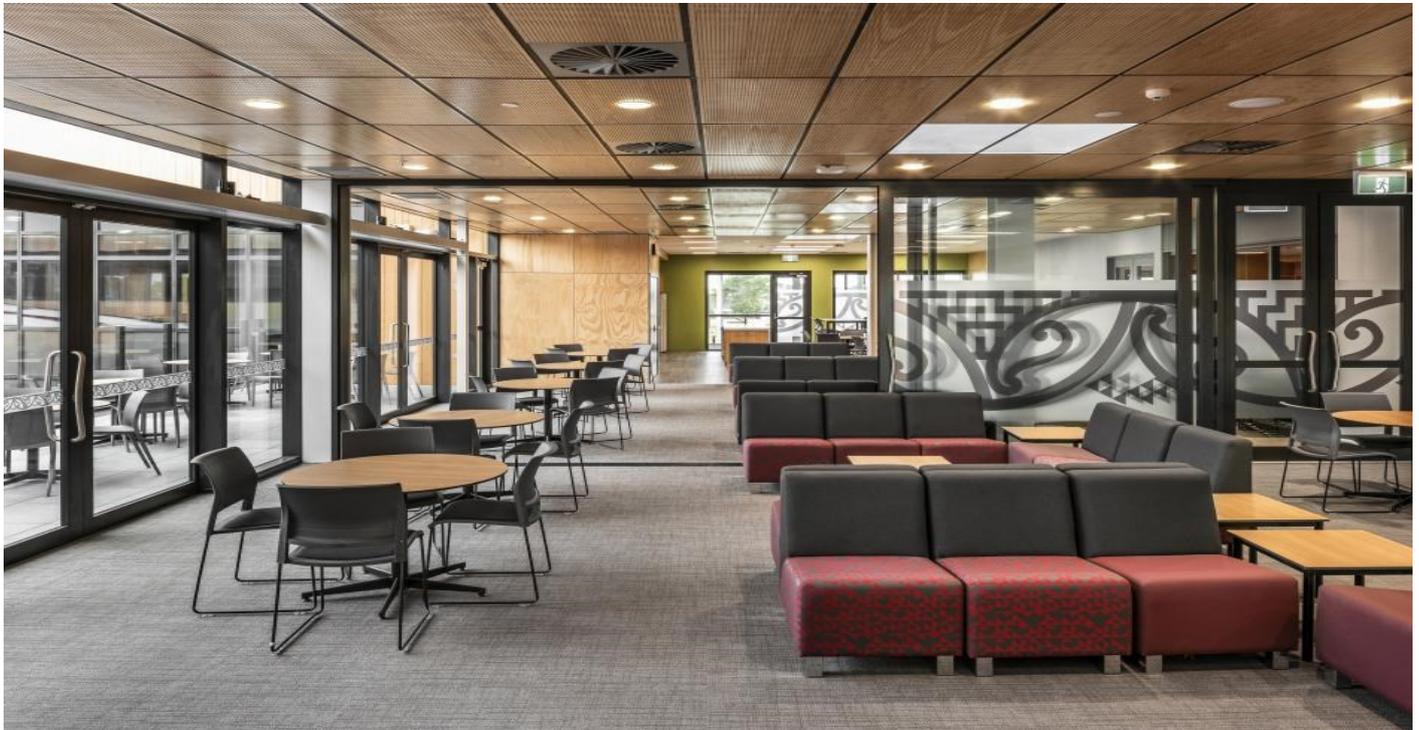
Sonawood™ Ceiling Tiles

Perforated Wood for Exposed Grid Ceilings

Technical Data Sheet



asona



Description.

Sonawood™ Tile is made in NZ from perforated wood panels with acoustic tissue backing designed to control unwanted noise in interior spaces. Lay-in panel sizes are to suit Rondo Donn® exposed grid standard modules. Sonawood™ is available in optional substrates, acoustic perforations, decorative laminates, natural wood veneers or paint finishes to meet individual project requirements and budgets.

Application.

Sonawood™ is ideal for corporate offices, hotels, retail, receptions, boardrooms, schools, and sports centres.

Composition.

Substrate from plywood, FR MDF or MDF, with veneer, low pressure laminates, or paint finish, and acoustic backing.

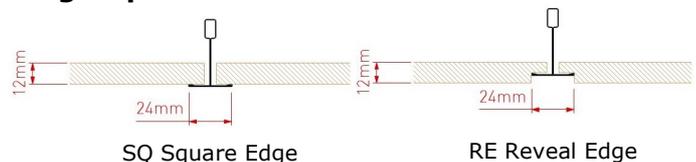
Benefits.

- An attractive high performance acoustic ceiling panel that is available in a range of standard sizes to suit Rondo Donn® exposed grid.
- Available in a range of standard slot and hole perforation patterns including custom designs and non-perforated panels to meet acoustic performance criteria.
- Broad range of substrates from laminated FR MDF, standard MDF or plywood.
- Natural veneer and plywood options provide the warmth of natural wood and are typically clear coated.
- Low pressure laminate woodgrain options provide excellent consistency of colour and pattern at lower cost.
- Coatings options include UV coatings, two pack for a premium look or lower cost powder coat finishes.
- Fire Group 3, 2-S, 1-S performance subject to substrate and open area selected.
- NRC 0.1 up to 0.80 subject to perforation pattern.
- CAC 35 with Triton 50HD backing.
- Asona in-house design service for shop drawings prior to manufacture. Ideal to integrate M/E services, borders etc.
- NZ manufactured.

Tile Range—others to order, also non perforated

Perforation #	Size (12 x 600 x 1200 nominal)	Open Area %
H12.32.S.15 W1L1	12mm hole, 32mm centres	11.3
H6.16.D.15 W1L1	6mm hole, 16mm centres	12.7
SW10.160.17	10x160mm slot, 39mm ctrs	20.0
SS8.150.18 W1L1	8x150mm slot, 30.5mm ctrs	21.0

Edge Options



Perforation Patterns / Tile Range

Square H12.32.S.15 W1L1



Diagonal H6.16.D.15 W1L1



Slot SW10.160.17 W3L1



Staggered SS8.150.18 W1L1



Non-perforated also available

Finish Options

Substrate Type

MDF



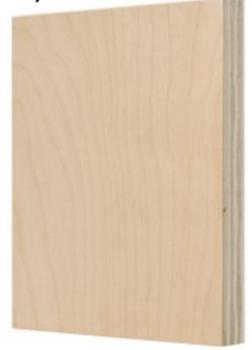
Black FR MDF



FR MDF MR



Plywood



Finish Type

Low Pressure Laminates—wood look or solid colours available* (refer to Asona for full range)

Nordic Pine



Premium Oak



Tawa



French Oak



Sovereign Oak



Rimu



Tahoe Walnut



Black Forest Oak



* Colour representations are as close as printing permits. Always make your colour selections from an actual sample, not from a digital screen.

- Prime Natural veneer—wide range, contact Asona
- Painted finish—wide range, contact Asona

Technical Specifications

Accessibility:

All panels are demountable and accessible

Back Loading:

Maximum weight that can be directly integrated into the ceiling eg: lights, A/C grill, speakers etc, shall not exceed 1.5kg. Greater weights shall be independently supported.

Finishes: All panel types

Pre-finished in a range of decorative surface finishes from paint, clear lacquer, prefinished low pressure laminates.

Fire Reaction:

Material group number to C/VM2 / ISO 5660.1.

Fire group 3—perforated plywood, MDF with natural wood veneer

Fire group 2—perforated FR MDF with low pressure laminates

Fire group 1—non perforated solid FR MDF with natural wood veneer or paint

Weight: (subject to tile perforation open area)

9.2 kg/m² maximum

10.3 kg/m² non-perforated tile

13.5—14.3 kg/m² perforated tile with Triton 50 HD backing

Maintenance:

Clean with vacuum, soft brush or damp soapy cloth.

NZ Building Code:

Clause B2—durability, 5 years

Warranty:

15 year limited warranty against manufacturing defect.

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. Follow industry standard installation methods for two way exposed ceiling systems. For seismic design please consult a structural engineer.

Specification:

Acoustical treatment shall be Sonawood perforated wood acoustical ceiling tile manufactured by Asona Limited. Tel: 09 525 6575, info@asona.co.nz. Item # (), Size 600 x 1200 x 12mm thick, edge type (SQ)(RE), paint (), stain (), finish (), Perforation pattern #: () (open area: () (Non-perforated). Acoustic backing: (tissue) (Triton 50 HD) Substrates: (Black FR MDF)(FR MDF MR)(standard MDF) (Plywood) Fire Group(). Suspension shall be Rondo Donn DX exposed grid. Contractor shall flat pack packaging and return to Asona for reuse and register the ceiling with Asona Renew and Reuse product stewardship program on practical completion. (Asona ceiling Masterspec 5311AS specification available).

Asona Ltd

P.O Box 96-241 Balmoral,
Auckland, New Zealand
Sales: 09 525 6575
Email: info@asona.co.nz
Web: www.asona.co.nz

Factory:
Building 12-16, 7 Cain Road,
Penrose, Auckland 1061,
New Zealand
Tel: (09) 525 6575

ISO 9001:2015 Registered Firm No. NZ1014

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All dimensions are nominal. We reserve the right to change specifications without notice.
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