

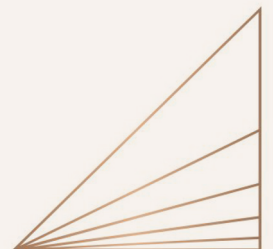


NACCI

Architectural systems,
beautifully designed, confidently built.

Acoustic Perforated Panels

A simple acoustic, decorative lining
for ceilings & walls



Architectural Perforated Acoustic Panels by Nacci

Bring your vision to life with Nacci's premium architectural panel systems – designed to complement modern materials and elevate both residential and commercial environments. The Nacci range offer sophisticated patterned textures that create depth, rhythm, and refined character across any surface.

Crafted for design flexibility and lasting performance, Nacci panels are ideal for Suspended ceilings, feature walls, and internal linings, combining aesthetics with practical innovation.

Why Specify Nacci Panels?

- Sustainably sourced timbers – Available in a wide range of certified timber species from responsible forestry
- Environmental credentials – Options include FSC® and PEFC™ certified timber
- Fire performance – Group 1-S fire rating black FR mdf or Group 3 with alternative substrates
- Clean installation – Secret-fix system delivers fast setup and a seamless finish
- Integrated design – Precision interlock system ensures a refined appearance
- Acoustic NRC ranges from 0.3 up to 0.85, dependant on open area and insulated backing
- Pre-finished with timber veneer options from prime panel range
- Custom perforations or panel sizes available on request, our panels are designed and NZ manufactured to order



**Fast Quotations:**

simply provide the square meterage of your ceiling, wall, or screen.

Reduced Lead Times:

Our Product is on the made in New Zealand, just choose the timber and finishing options and we will machine and send it out withn weeks.

Easy Installation:

No specialized installation skills are required. Panels are made to be 'knocked up quickly'

Stylish Profile Designs & Customization:

Choose from a variety of perforation designs to achieve your desired aesthetic effortlessly or customize your project, our panels can be made to suit your design, unique projects is our speciality, we can get it done.

Designer Palette:

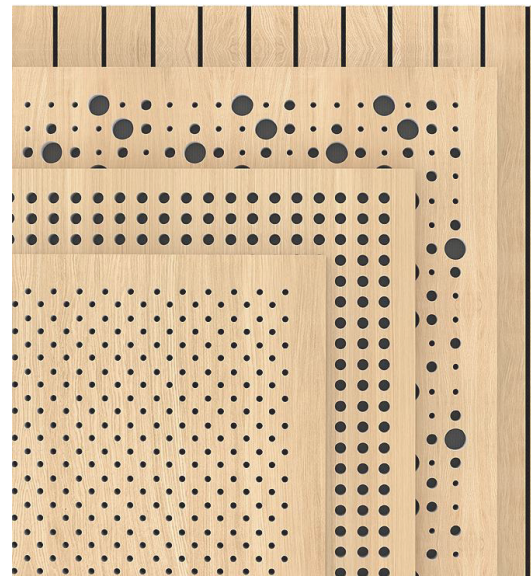
Explore a range of pre-finished color options to unlock endless creative possibilities.

Cost-Effective:

With Nacci, the convenience of quick quoting, reduced lead times, and easy installation translates to both financial and time-saving benefits for your project.



Versatile and dependable architectural panels



Sustainable Materials

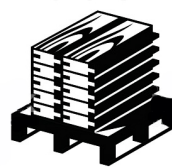


Pre-finished

All our panels and components arrive pre finished to suit your building & fire rating requirements.



Accoustic performance



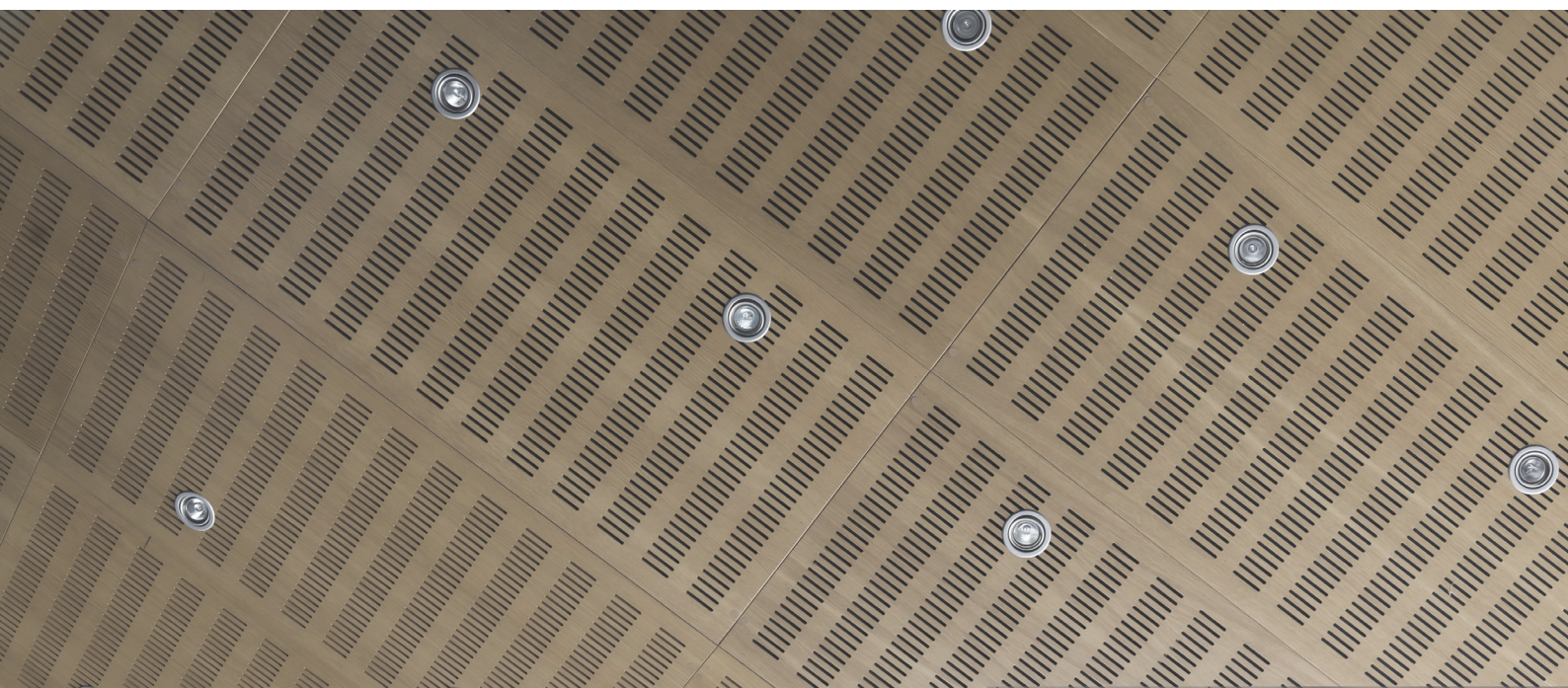
Customization & a Wide Range of materials, patterns and finishes

We manufacture our products in-house so we are in control of the final outcome to suit every project.



Hidden fixing detail

Our panels have a secret nail / screw detail which makes install easy and clean un-obscured batten.



Nacci & New Zealand

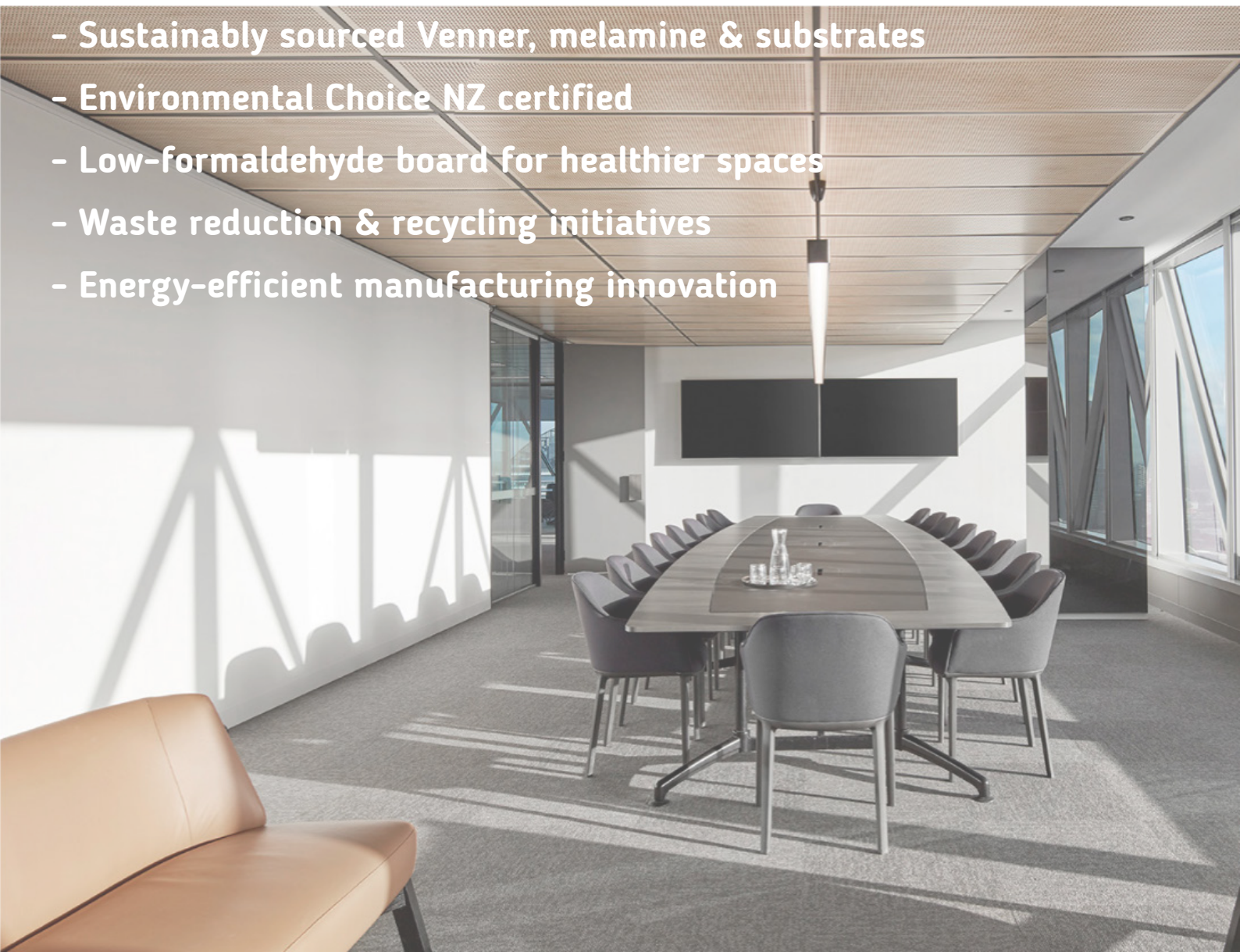
At Nacci, we're dedicated to reducing waste in the building industry. In partnership with New Zealand Panels Group, we support mindful manufacturing practices that lower environmental impact and promote a more sustainable future.

Proudly designed and manufactured in New Zealand, Nacci is the smart choice for environmentally conscious projects – with the added benefit of contributing Green Star points.



Our Sustainability Focus:

- Sustainably sourced Venner, melamine & substrates
- Environmental Choice NZ certified
- Low-formaldehyde board for healthier spaces
- Waste reduction & recycling initiatives
- Energy-efficient manufacturing innovation



Prime & Bestwood Veneer Finishes

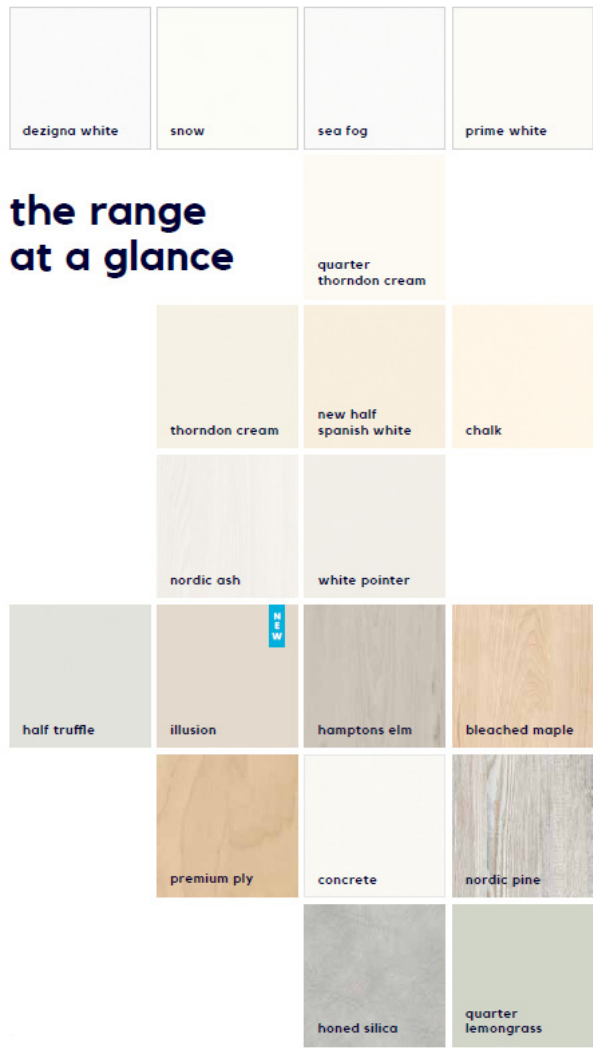
Veneer Finishes

Bestwood and Prime are a favourite of New Zealand interior designers, architects and joiners. Their range of easy care, pre-finished, panels are available in a large range of finishes with their iconic sustainable real timber.

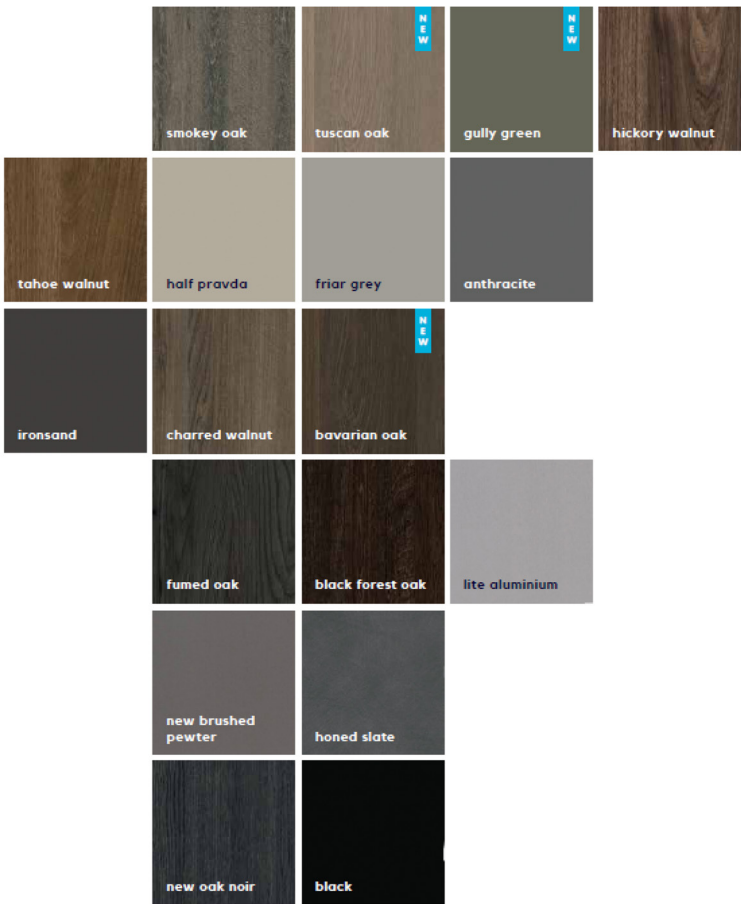
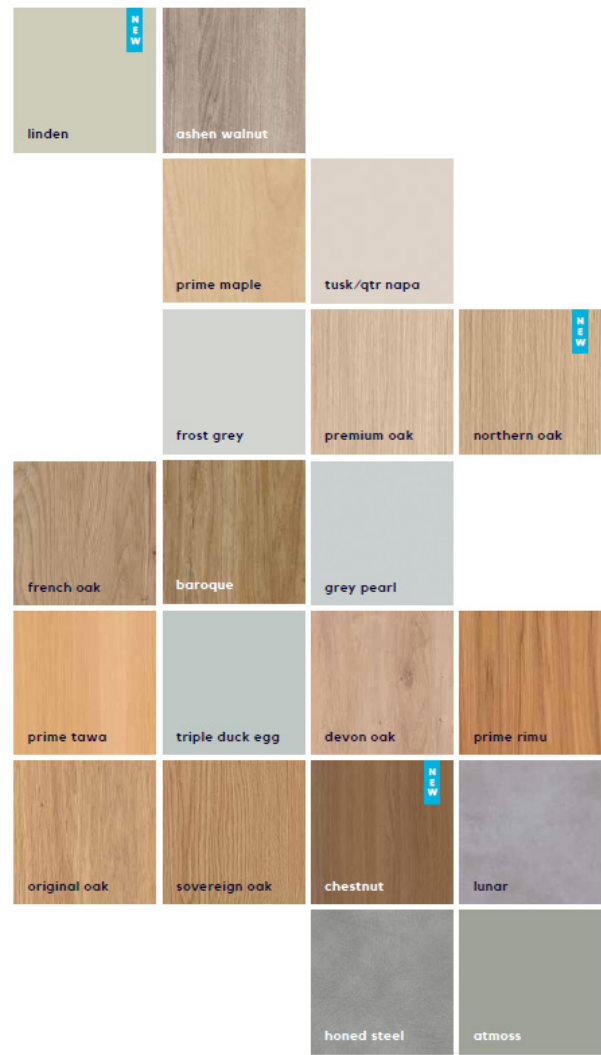
Custom materials & finishes can and supplied on request



Prime & Bestwood Melamine Finishes

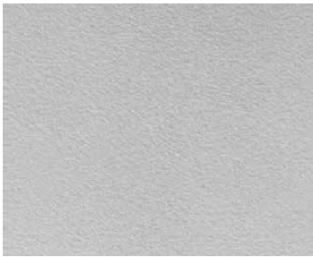


the range at a glance



finishes

All our melamine colours are available in four distinct finishes. Note that we only sample our colours in the finish we recommend as the most suitable to enhance that specific colour. It's why most of our timber designs are sampled in the deeply realistic Timberland finish. A gloss finish is only available on Prime White.



embossed

A lightly textured, orange-peel-like surface with good scratch resistance.



velvet

A delicate, low sheen eggshell surface.



woodgrain

A light and natural grain texture simulating that of timber. (Not available for 1800mm wide panels).



timberland

A heavily textured and realistic timber grain with a matt appearance. Designed to enhance natural characteristics. (Not available for 1800mm wide panels).

Perforations & Pattern options

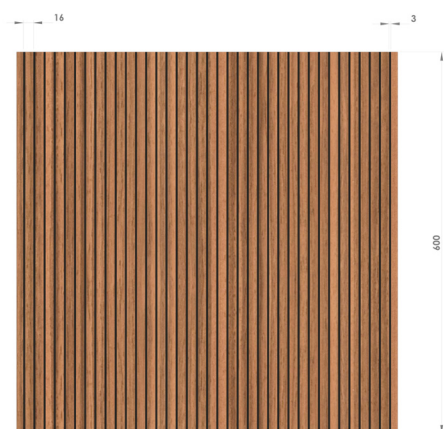
Custom Perforation & Patterns can and supplied on request, We can match any pattern available

Our Panels are available in a wide range of options as well as bespoke perforations to suit any project. Timber species, colours & coatings are limitless.

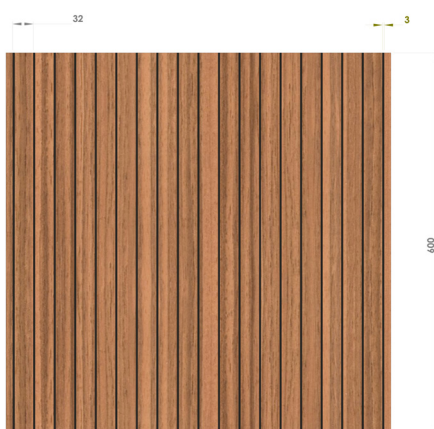
Multi-Slit Range

At Nacci, our Multislit range can be produced in two formats – as an acoustic panel (requiring a minimum 18mm substrate) or as a decorative face-groove panel (on a 12mm substrate). Both options share the same refined surface appearance, ensuring a seamless design finish whether performance, price or aesthetics is the priority.

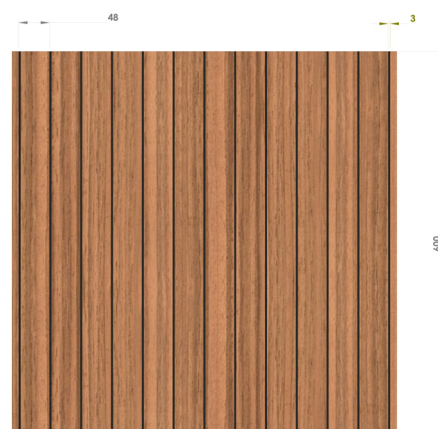
We offer a selection of standard edge profiles, including square edge and ship-lap, while also providing full flexibility to create customised slit layouts or edge details. Standard sheet size is 2400 x 1200mm, 1200 x 600mm or 600 x 600mm custom sizes also available.



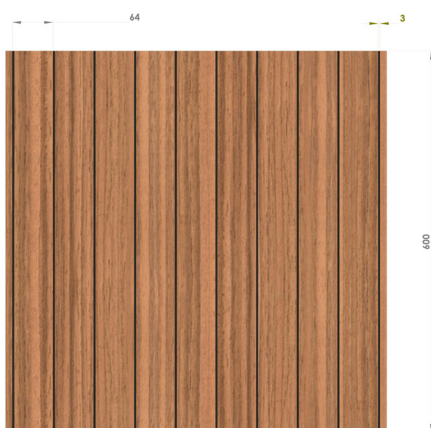
Multislit 3mm / 16mm Pitch
NRC Estimate 0.7
8.3% Open Area



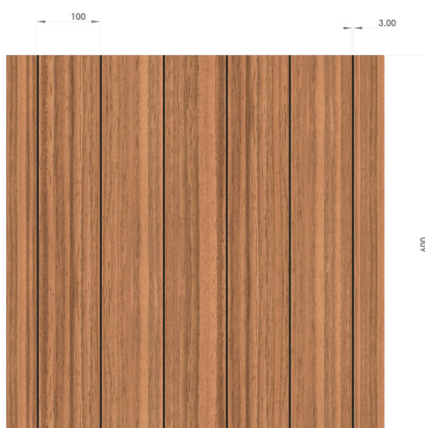
Multislit 3mm / 32mm Pitch
NRC Estimate 0.57
4.1% Open Area



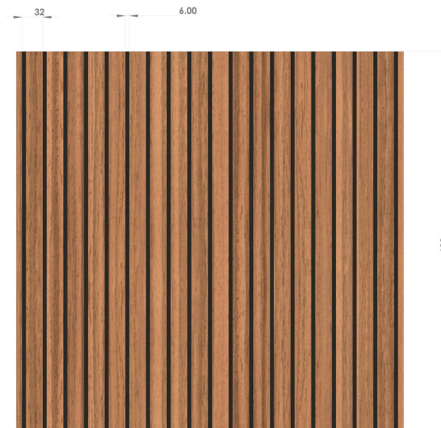
Multislit 3mm / 48mm Pitch
NRC Estimate 0.47
2.8% Open Area



Multislit 3mm / 64mm Pitch
NRC Estimate 0.36
2% Open Area



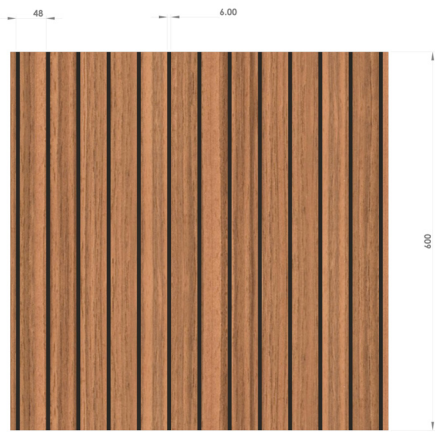
Multislit 3mm / 100mm Pitch
NRC Estimate 0.25
1.2% Open Area



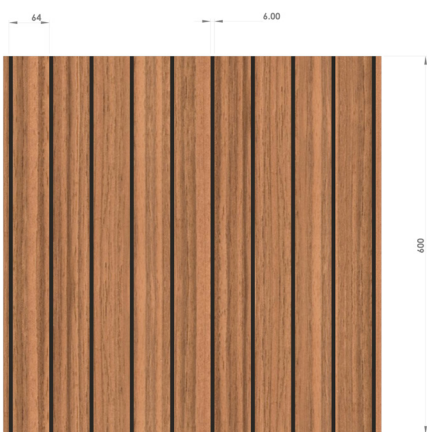
Multislit 6mm / 32mm Pitch
NRC Estimate 0.7
8.3% Open Area

Multi-Slit Range

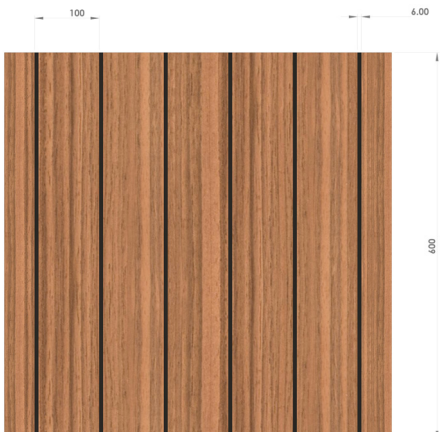
Custom Perforation & Patterns can and supplied on request, We can match any pattern available



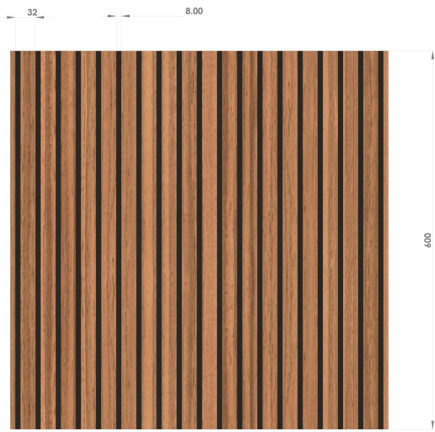
Multislit 6mm / 48mm Pitch
NRC Estimate 0.62
5.5% Open Area



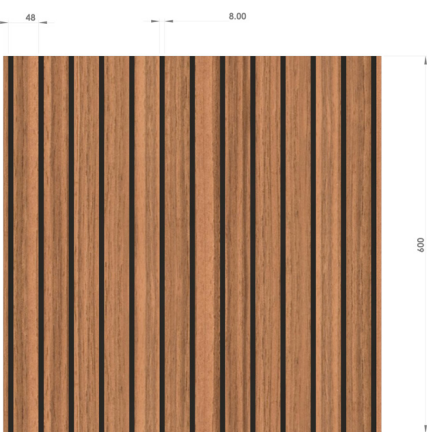
Multislit 6mm / 64mm Pitch
NRC Estimate 0.52
4.3% Open Area



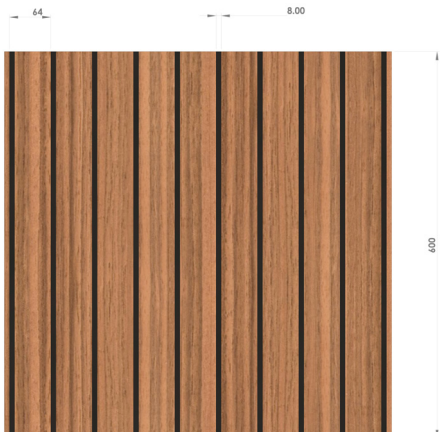
Multislit 6mm / 100mm Pitch
NRC Estimate 0.36
2.6% Open Area



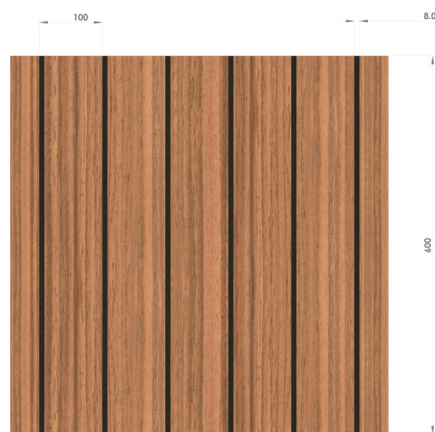
Multislit 8mm / 32mm Pitch
NRC Estimate 0.77
11% Open Area



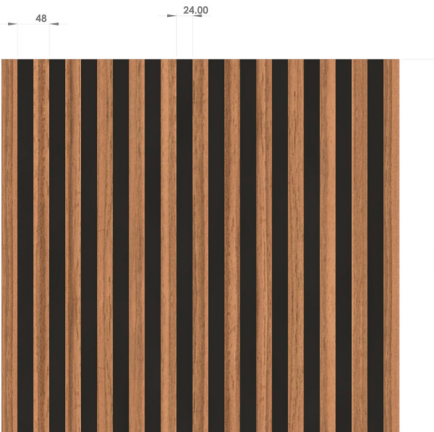
Multislit 8mm / 48mm Pitch
NRC Estimate 0.66
7.4% Open Area



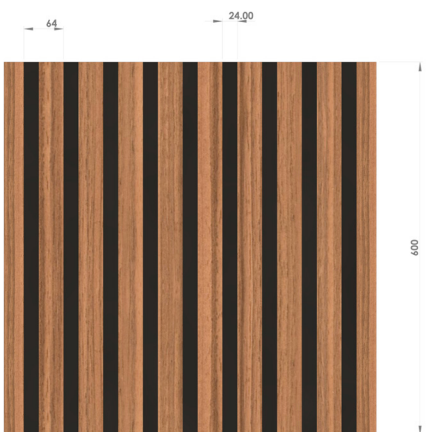
Multislit 8mm / 64mm Pitch
NRC Estimate 0.61
5.5% Open Area



Multislit 8mm / 100mm Pitch
NRC Estimate 0.41
3.5% Open Area



Multislit 24mm / 48mm Pitch
NRC Estimate 0.85
40% Open Area



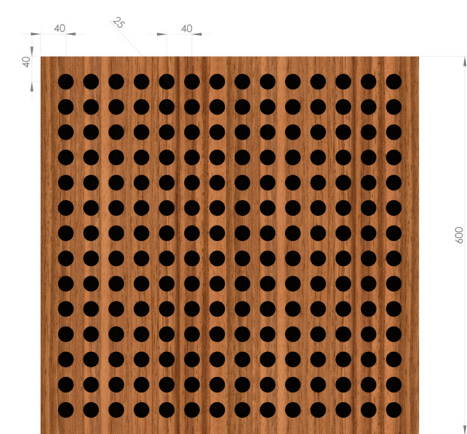
Multislit 24mm / 64mm Pitch
NRC Estimate 0.8
28% Open Area

Hole pattern Range

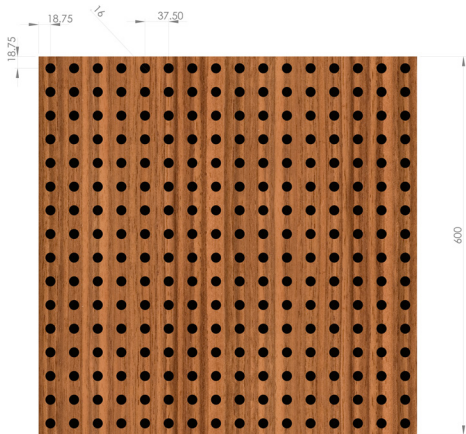
Custom Perforation & Patterns can and supplied on request, We can match any pattern available

Customised Nacci panels can be manufactured to suit any project, with options including bespoke routing, negative edge details, and specialist finishes such as mitres, rebates, or drop-in tile profiles.

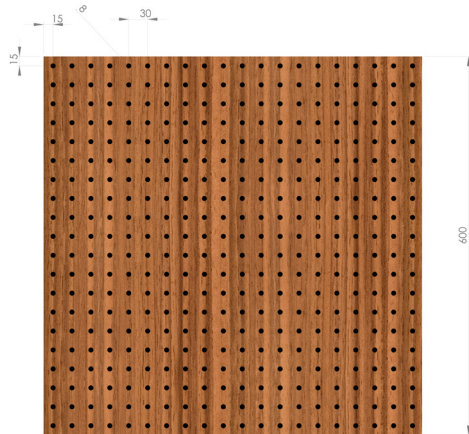
Data sheets are available for all standard perforations, outlining open area ratios and NRC values to support acoustic performance design. Talk to us today about tailoring the right solution for your project.



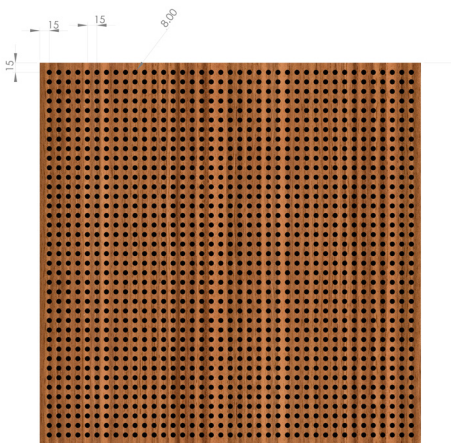
Holes 25mm / 40mm Pitch
NRC Estimate 0.82
30% Open Area



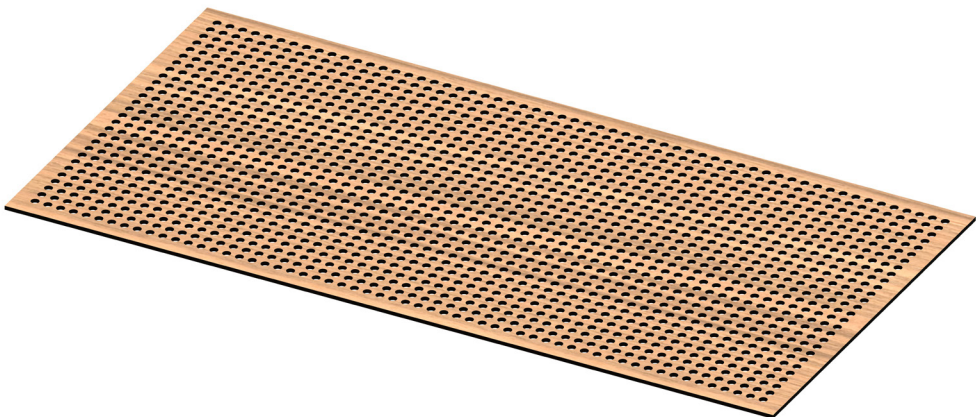
Holes 16mm / 37.5mm Pitch
NRC Estimate 0.7
13.5% Open Area



Holes 8mm / 30mm Pitch
NRC Estimate 0.65
5.5% Open Area



Holes 8mm / 15mm Pitch
NRC Estimate 0.75
20% Open Area



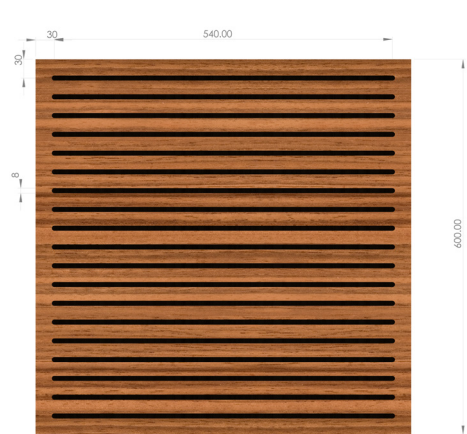
Additioanl Perforation patterns currently in design phase

Slots Range

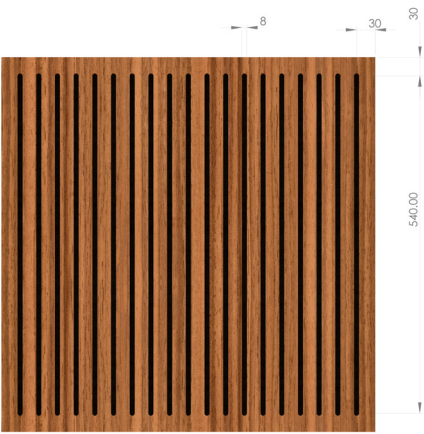
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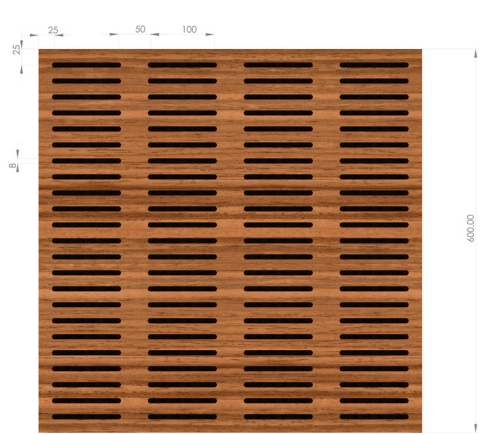
Data sheets are available for all standard perforations, outlining open area ratios and NRC values to support acoustic performance design. Talk to us today about tailoring the right solution for your project.



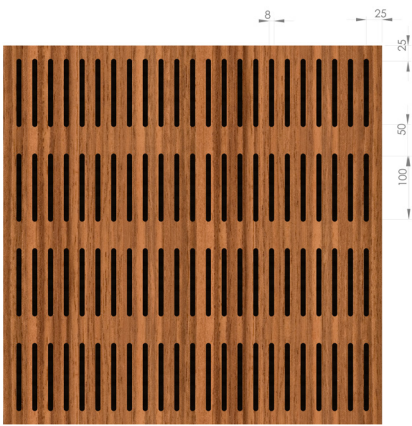
Slots horizontal 8 x 540mm
30 x 600mm Pitch
NRC Estimate 0.8
23% Open Area



Slots vertical 8 x 540mm
30 x 600mm Pitch
NRC Estimate 0.8
23% Open Area



Slots horizontal 8 x 100mm
25 x 50mm Pitch
NRC Estimate 0.8
22% Open Area



Slots Vertical 8 x 100mm
25 x 50mm Pitch
NRC Estimate 0.8
22% Open Area

Additioanl Perforation patterns currently in design phase

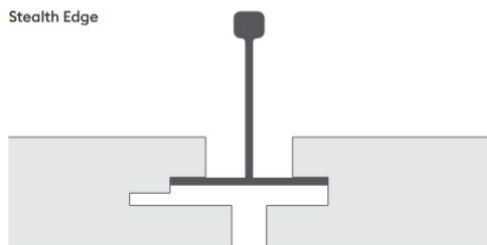
Installation options

Suspension fixing

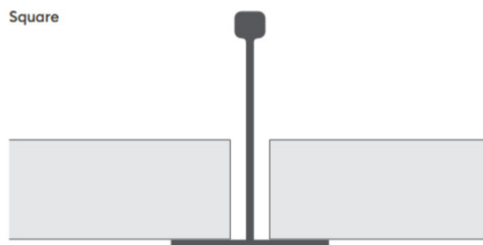
Nacci Multislit, Slot & hole panels are simple to install using a suitable 2 way suspension system supplied by others. Nacci panels can be machined to suit a range of standard or hidden fixing techniques below.

Edge Details

Stealth Edge



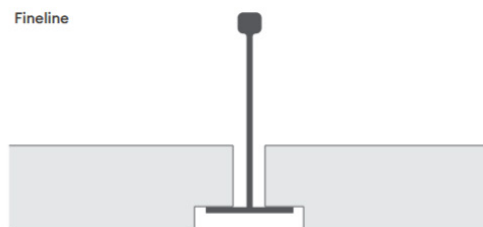
Square



Shadowline



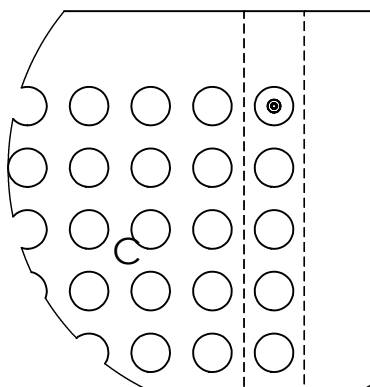
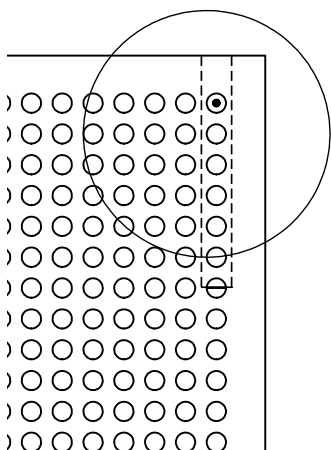
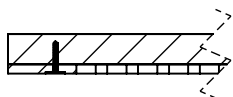
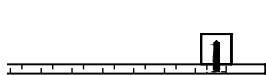
Fineline

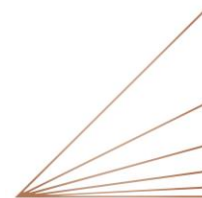


Direct fixing

Nacci Multislit, Slot & hole panels are simple to install using screws, panel pins, or staples fixed to timber. For a discreet finish, panels can also be stapled or screwed between the grooves or on a blind hole / slot. a specialised pneumatic stapler can be used for fast and simple direct fix installation.

Alternativley fastmount hidden panel mounts or button fix panel mounts can be used for an easy install and discrete fixings allowing for panel removal at any point.





Nacci Acoustic Perforated Panels Data Sheet

Product Details

Type	Acoustic perforated panels for ceilings & walls
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Materials /

substrates	Fire rated black MDF, Standard MDF, Plywood, Aluminium
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Finishes

Prime Veneer with 2K polyurethane, Prime Veneer Natural, Prime Melamine, Prime black MDF,

Aluminium Powder-coated Various colours

Aluminium wood grain sublimation ('wood look')

Standard

sheet Sizes

2400x1200x12mm, 2400x1200x18mm, 1200x600x12mm, 1200x600x18mm, 600x600x12mm, 600x600x18mm

Aluminium 2400x1200x2mm, 2400x1200x3mm, 1200x600x2mm, 1200x600x3mm, 600x600x2mm, 600x600x3mm

Suspension system

Rondo suspension system 24mm 2-way exposed suspended ceiling systems

Nacci acoustic panel systems

Acoustic details

Panels are supplied with a black acoustic backing material; additional polyester acoustic insulation is available to improve acoustic ratings.

Variable NRC ranges from 0.3 up to 0.85 dependant on perforation. (excluding aluminium)

Weight (2.4x1.2m)

12mm / 820kg/m3 / 26kg

18mm / 800kg/m3 / 35kg

Compliance

Durability

New Zealand Building Code Clause B2 Durability: Prime MDF FR meets the durability requirements for interior linings of 5 years in accordance with B2 3.1(c)

Fire test info

New Zealand Building Code Clause C3 Protection from Fire:

Prime MDF FR Black has been tested by AFITI LICOF in accordance with EN 13501-1:2007+A1:2010 and has been classified as B-s2,d0. According to NZBC Acceptable Solutions C/AS2 Appendix C Table C1.1 European Classification B-s2 is the equivalent to Group Number 1-s. Prime MDF FR MR has been tested by BRANZ to determine Group Number Classification and Smoke Production Rate in accordance with ISO 9705:1993 and Group Number Classification and SMOGRA in accordance with AS ISO 9705:2013 (R2016).

For compliance with **NZBC C/AS2**, aluminium 6060-T5 is classified as a **non-combustible material** and therefore does not require a Group Number under Table C1.1. If coated or used in a composite system, please refer to test report numbers below.

Powder-coat - BRANZ - Report No. FH 5532-TT ISSUE 3 (2020)

Metwood woodgrain sublimation - BRANZ - Report No. FH 16947-01-1-C1 (2023)

Materials Group Ratings			
Substrate / coating	Test method	Euroclass	Group Rating
Prime Melamine on FR MDF Black	C/AS2	B-s1, d0	Group 1-S
Prime Veneer on FR MDF Black coated with a 2K low yellowing polyurethane	C/AS2	B-s1, d0	Group 1-S
Prime Veneer on MDF Standard	C/VM2	B-s1, d0	Group 3

Applications & Installation

Application	Interior walls, interior ceilings & interior suspended ceilings
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Fixing options

Suspension Fixing

Standard suspension grid (exposed), Rebated suspension grid (flush), Prestige Tongue / groove suspension grid (concealed)

Direct Fixing

hidden fixing in perforations, fast-mount panel mounting, Button-fix panel mounts, direct screw or glue.

Warranty

Interior timber panels	7 years
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Aluminium panels	10 - 25 years dependant on surface coating
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Environmental

FSC® accredited material supplier
PEFCT™ hain of custody material supplier

Our veneer panels carry Eco Choice Accreditation, which provides 15 RPV points, that helps contribute 3 points towards Greenstar and 2 points towards Homestar projects.

VOC (MDF)	Standard	Rating	Emissions
Formaldehyde	AS/NZS 1859.2	E0	≤ 0.5mg/lt

Nacci acoustic panel systems

Limitations

- Intended use** Nacci MDF Acoustic panels are not suitable for exterior applications where ambient environmental moisture content is likely to be elevated for extended periods such as interior swimming pools, sauna or industrial wet areas.
- Natural colour** All Veneer ranges are made from genuine timber. Just as any timber products can change colour due to ultraviolet light, Veneer can also be affected. A change in colour or tone is therefore considered a natural characteristic, not a defect.
- Timber variations** With the variations in colour and grain found in timber, each sheet is different therefore your sample should be treated as indicative of that species. If your veneer project requires control, the team at Nacci will match to a control sample as close as nature will allow.

FR MDF

Properties	Average Values
Thickness	>12mm - 18mm
Density	820 kg/m ³
Internal Bond	0.6 N/mm ²
Modulus of Elasticity	2,400 N/mm ²
Modulus of Rupture	24 N/mm ²
Moisture Content	5.0 - 9.0%
Screw Holding Face	1000 N
Screw Holding Edge	600 N
Bending Strength	22 N/mm ²
Formaldehyde Content	≤0.5ppm
Thermal Conductivity	0.14 W / (m-k)
Airborne Sound Insulation	25 db
Water Vapour Permeability (dry cup)	30 μ
Tolerance on Nominal Dimensions	
Thickness	+/- 0.2 mm
Length/Width	+/- 2 mm/m (Max 5mm)
Squareness	+/- 2.0 mm/m
Edge Straightness	+/- 1.5 mm/m

Nacci acoustic panel systems



NACCI

New Zealand

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Email: contact@nacci.co.nz

