



Nacci Acoustic Perforated Panels Data Sheet

Product Details

Type	Acoustic perforated panels for ceilings & walls
Materials / substrates	Fire rated black MDF, Standard MDF, Plywood, Aluminium
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

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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 LICOFF 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)

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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
Aluminium panels	10 - 25 years dependant on surface coating

Environmental

FSC® accredited material supplier			
PEFC™ 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

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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.