

CLASS 1

BUILDING PRODUCT INFORMATION SHEET

Product name:

Triboard, Housing Panel

Product description and its intended use

Reconstituted Wood Panel, for interior use

4,000 x 2,450 x 36 mm

4,000 x 2,450 x 18 mm

4,050 x 2,505 x 18mm

4,080 x 2,450 x 36mm

Place of manufacture:

New Zealand

Legal and trading name of the manufacturer(s):

Juken New Zealand Limited

Address for service:

Tenancy 1, Level 6, Tower 1, 205 Queen Street, Auckland 1010

Website: www.jnl.co.nz

Email address: info@jnl.co.nz

Phone No. (09) 373 3933

NZBN 9429039201188

Relevant Building Code Clauses:

B1 Structure: B1.3.1, B1.3.2, B1.3.3 (a), (b), (f), (h), & (j), B1.3.4 (d).

B2 Durability: B2.3.1 (a)

F2 Hazardous Building Materials: F2.3.1.

Statement on how the building product is expected to contribute to compliance:

B1 Structure: B1.3.1, B1.3.2, B1.3.3 (a), (b), (f), (h), & (j), B1.3.4 (d). meets the requirements for loads arising from self-weight, imposed gravity loads arising from use, earthquake, wind and impact.

B2 Durability: B2.3.1 (a) 50 years. Triboard™ 36 mm and 18 mm meets these requirements

F2 Hazardous Building Materials: F2.3.1. Formaldehyde Emission class - E₀

Manufactured in accordance with AS/NZS 1859.1 (STD)

When used for applications other than Triboard Construction System, as per BRANZ Appraisal 481, verification of structural properties and design need to occur.

Limitations on the use of the building product:

Triboard 36 mm & 18 mm panels must be kept dry under cover and be stacked horizontally on, uniform thickness, bearers/fillets at 1,200 mm maximum spacing, extending full width of panel, allowing air circulation.

Triboard 36 mm & 18 mm panels must be protected from direct sunlight whilst in storage.

Is intended for dry interior use only**Not to be used**

- in sauna rooms and the like where they may be exposed to sustained high humidity (greater than 95% RH) or liquid water.
- where temperatures are in excess of 35°C over large areas for prolonged periods (e.g. ceiling heating installations) or in excess of 50°C in localised areas (e.g. the area adjacent to a fuel burning appliance)
- being exposed to sustained high humidity, liquid water, or high temperatures
- Exterior use (exposed to the weather)
- Areas subjected to repeated water spillage or constant dampness (unless protected by a suitable impervious coating system)
- in Marine applications.
- for Window reveals.

If the moisture content of the Triboard panel is above 18% it is considered to be wet and the long-term durability of the panel cannot be guaranteed.

Design requirements that would support the use of the building product:**Panel nominal Density**

- 36mm , 600kg/m³
- 18mm, 635kg/m³

Designed and constructed in accordance with NZS 3604 and/or to the requirements of the , BRANZ Appraisal 481 and the Triboard Construction System.

Prevention of Fire Occurring

- Separation or protection must be provided to the Triboard Construction System from heat sources such as fireplaces, heating appliances and chimneys. Part 7 of NZBC Verification Method C/VM1 and Acceptable Solution C/AS1, and Acceptable Solution C/AS2 provide methods for separation and protection of combustible materials from heat sources.
- Triboard panels have been tested in accordance with ISO 5660 and have a Group Number of 3.
- When an applied finish is used over Triboard panels, the Group Number must be obtained from the manufacturer or supplier of the finish product or system, for the complete lining system.

External Moisture

- Buildings must be designed such that aspects relating to external moisture comply with NZBC Clause E2. This is achieved by the building envelope being designed and constructed in accordance with NZBC Acceptable Solution E2/AS1.

Internal Moisture

- Ventilation must meet the performance requirements of NZBC Clause G4.3.1. Roofs and walls complying with the Schedule Method for Compliance with Clause H1.3.2 (E) will have adequate thermal resistance to comply with NZBC Acceptable Solution E3/AS1.
- Some permanent ventilation, not reliant on window openings, must be provided in wet areas, such as bathrooms and laundries. Vented windows, wall or ceiling mounted extract fans, or similar fittings are recommended in all building wet areas. Extract fans for moisture laden air must be vented externally.
- The incorporation of vented windows and other forms of permanent ventilation are recommended in all rooms to ensure adequate air circulation and to prevent the build-up of moisture levels.
- In wet areas (where sanitary fixtures and appliances are installed), the surface of Triboard wall panels must be finished with an impervious lining or finish which is easily cleaned. All joints must be impervious to water, and protection of the walls must be provided by extending impervious floor membranes up the wall in accordance with the coved detail of NZBC Acceptable

**Installation requirements:**

Installation is as per the Triboard Construction System, and by ACTRANZ accredited Triboard re-manufacturers.

Or, for other applications as per NZ Building Code allows, installation must always be carried out under the supervision of a Licensed Building Practitioner (LBP) with the relevant Licence Class.

Triboard wall panels must be finished directly with a paint system, or for alternative finishes, the panels must be sealed first. Alternative finishes may include wall paper, or walls may be battened out for internal linings, e.g. where impervious linings are required in wet areas or to accommodate services.

Maintenance requirements:

The exterior cladding system, including joints, openings and perimeter junctions, must be maintained to ensure adequate protection is continually provided against water ingress. The internal linings, finishing (including joints, openings and the perimeters), and floor coverings must be maintained to provide protection from internal moisture. Regular inspections (at least annually) of the external cladding system and the internal linings and finishes must be made, and any damage or deterioration repaired or restored.

Where coatings have been applied, refer to the coatings manufacturers maintenance instructions

Section 26 of the Building Act 2004

These products are not subject to a warning or ban under section 26 of the Building Act 2004.

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