

Class 1**Trade Essentials® Triboard HD****Building Products Information Requirements | Info. Sheet****Version:** Trade Essentials® Triboard V1 18.09.23

Product name	Trade Essentials® Triboard
Product line	N/A
Product identifier	Trade Essentials® Triboard

Place of manufacture

Aotearoa New Zealand	✓
Overseas	

Product description

Trade Essentials® Triboard is an E0 rated, engineered wood panel made in NZ from 100% Sustainable Radiata Pine. Creating clean lines with superior strength, as its name suggests, Triboard consists of 3 layers. A dimensionally stable Strandboard® core sandwiched between a fibre board “skin”. An innovative combination of smooth surfaces and inner strength makes Triboard suitable for a wide range of applications.

Trade Essentials® Triboard has excellent resilience and impact resistance properties. It delivers greater stiffness for the same weight when compared to other reconstituted wood panels and is ideal for use as a wall lining. The smooth medium density fibre board surface offers an excellent paint finish and the assurance of superior screw holding ability.

Key technical specifications:**Trade Essentials® Triboard sheets sizes and panel weight:**

	15mm	21mm
Panel size	2400 x 1200	2400 x 1200
Weight (kg) per m2	8.85	13.81
Weight (kg) per panel	25.49	39.80

Nominal density	590	660
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Note: All dimensions and measurements are nominal.

Relevant building code clauses

- B1 Structure - B1.3.1, B1.3.2, B1.3.3 (f), (h), (j), B1.3.4
- B2 Durability - Performance B2 B2.3.1 (a) not less than 50 years, and B2.3.1 (b) 15 years, B2.3.1 (c) 5 years
- C3 Fire affecting areas beyond the fire source - C3.4 (a)
- F2 Hazardous building materials - F2.3.1

Contributions to compliance

When stored, handled, installed, and maintained in accordance with the Triboard Brochure, Triboard will meet the provisions of the New Zealand Building Code (NZBC) B2/AS1 - 1.2.1 and has a serviceable life of at least (a) 50 years as a structural element, (b) 15 years, or (c) 5 years.

For wall bracing applications the information has been developed from tests carried out in the Timber Laboratory of SCION, Rotorua over the period 31 October to 26 November 2008 and 20 May 2014. The testing was carried out in accordance with the P21 test method, and the results were evaluated on 23 February 2012 and 20 May 2014 as per the P21 2010 test method.

Trade Essentials® Triboard has a Group Number Classification of 3, as determined in accordance with the New Zealand Building Code Verification Method C/VM2, Appendix A.

Scope of use

Trade Essentials® Triboard is intended for dry interior use only and **MUST NOT** be used as a substrate for external weathering materials - such as Nuralite, Butynol and other similar membrane materials.

Trade Essentials® Triboard **MUST NOT** be used for a flush plaster stopped jointing system to be subsequently wallpapered or painted. *Note: Exceptions to this only apply to proprietary glued drywall partition systems.*

Common uses of Trade Essentials® Triboard include:

- General purpose wall and ceiling lining
- Bracing panels (15mm)
- Staircases
- Domestic, industrial and commercial shelving panels
- Substrate for veneers and laminates

Trade Essentials® Triboard is not fire rated as part of a fire protected boundary or fire wall.

Conditions of use

Trade Essentials® Triboard **MUST NOT** be used for:

- Exterior applications
- Areas subjected to repeated water spill or constant dampness
- Marine use
- Shower lining
- Saunas, indoor pools
- Window reveals
- Exterior door panels

Adequate pre-conditioning prior to installation and precise following of installation instructions are essential for satisfactory results, especially during wet seasons and high humidity.

Due to the uptake of airborne moisture, permanent board distortion may occur if Triboard is placed in close proximity to framework with moisture content exceeding 18%.

Attention to storage, regular stock rotation, preconditioning at the installation point and provision of adequate joint clearances will help accommodate any board movement.

Supporting documentation

The following additional documentation supports the above statements:

Title (type)	Version	URL
Triboard Brochure	J010526 02/23	Click here
Triboard Warranty	August 2021	Click here
Triboard Safety Data Sheet	11/3/20	Click here
Triboard Fire Test	FH 5119	Click here

Contact details

Manufacture location	New Zealand
Legal and trading name of manufacturer	Juken New Zealand Limited
Manufacturer address for service	11 Whangatane Drive Kaitaia 0482 Northland New Zealand
Manufacturer website	www.jnl.co.nz
Manufacturer email	info@jnl.co.nz
Manufacturer phone number	+64 9 3733933
Manufacturer NZBN	9429038769917

Distributor details	New Zealand
Legal and trading name of distributor	Fletcher Building Products Limited (company number 952008), trading as Laminex® NZ.
Distributor address for service	810 Great South Road Auckland 1061 New Zealand
Distributor website	laminex.co.nz
Distributor email	CSC@laminex.co.nz
Distributor phone number	0800 303 606
Distributor NZBN	9429037626969

Warnings and bans

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

No
