

CLASS 1

BUILDING PRODUCT INFORMATION SHEET

Product name:

Strandboard™ 9 mm

Product description and its intended use

Untreated floor overlay, or wall lining

2,400 x 1,200 x 9 mm - SQ

3,600 x 1,200 x 9 mm - SQ

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

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Relevant Building Code Clauses:

B1 Structure: B1.3.1, B1.3.2, B1.3.3 (a), (b), (f), & (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). 9 mm Strandboard™ panel meets the requirements

B2 Durability: B2.3.1 (a) 50 years. 9 mm Strandboard™ panel meets these requirements

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

Manufactured in accordance with AS/NZS 1859.1 (STD)

Formaldehyde Emission - E₀

Limitations on the use of the building product:**Strandboard™ 9 mm Flooring Overlay and Wall Panel**

- 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.

- is not for external use, and should not to be exposed to persistent dampness or condensation.

- Separation or protection must be provided to Strandboard™ 9 mm Flooring Overlay and Wall Panel from heat sources such as fireplaces, heating appliances, flues 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.
- The serviceable life of the product may be affected if the surface temperature exceeds 50°C for long periods.

Strandboard™ 9 mm Flooring and Wall Panel can be maintained in a serviceable condition for at least 50 years, provided that:

- When pre-laid, the flooring has not been exposed to the weather for a period greater than 8 weeks.

- Appropriate measures have been taken to ensure the moisture content of the flooring is controlled in accordance with the provisions of NZBC Acceptable Solutions E2/AS1 and E3/AS1.

- The flooring has not been exposed to further weathering, or subjected to water immersion, e.g. flooding, or to sub-zero temperatures while in a wet condition.

Design requirements that would support the use of the building product:**Heat**

- i.e. Over-floor heating systems may be used with Strandboard™ 9 mm as Flooring Overlay, provided it is not subjected to a temperature exceeding 35°C.
- Strandboard™ 9 mm must not be subjected to temperatures exceeding 50°C for prolonged periods.

Fire Affecting Areas Beyond the Fire Source

- Strandboard™ 9 mm as Flooring Overlay can be used as flooring overlay in Risk Group SH dwellings, which have no specific fire requirements under the NZBC.
- For Risk Groups other than SH surface finish requirements for floors are given in NZBC Acceptable Solution C/AS2, Paragraph 4.17.3.

Fire Properties


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

When Strandboard™ 9 mm Flooring Overlay sheets are used as a floor overlay fixed directly over concrete floors and the sheets do not perform any structural function (i.e. support loads), the NZBC does not require a minimum serviceable life for the covering. However, where slab-on-ground floors are permanently protected from ground moisture in accordance with NZS 3604, Section 7.5, a serviceable life of over 50 years is still possible.

Installation requirements:

Installation must always be carried out under the supervision of a Licensed Building Practitioner (LBP) with the relevant Licence Class.

General

- It does not generally matter which way up the Strandboard™ 9 mm Flooring sheets are laid. If the floor is to be finished with a clear finish, then all Strandboard™ 9 mm Flooring sheets should be laid with the printed face down.
- Strandboard™ 9 mm Flooring must be fixed with 60 x 2.8 mm hot-dip galvanised or stainless steel, annular grooved flooring nails, or 50 x 8G screws at 150 mm centres around the perimeter of the sheets, and at 300 mm centres at intermediate supports. Nails may be power or hand driven but must be parallel with, and no closer than 10 mm to the edge of the sheet.
- Where used as an overlay to timber substrates, the moisture content of the substrate must not exceed 15%.
- Existing timber floor substrates must be re-punched and then coarse sanded flat prior to fixing the Strandboard™ 9 mm Flooring in place.
- When used as an overlay on timber substrates or as a second layer over a pre-laid single layer, Strandboard™ 9 mm Flooring must be fixed with mechanical fasteners or adhesive with fasteners, ensuring that sheet joints do not coincide with joints in the substrate.
- Where used as an overlay to tongue & groove timber flooring, the joints in the Strandboard™ 9 mm Flooring must not coincide with the joints in the tongue & groove flooring.
- Where used as an overlay to concrete, the concrete surface must not deviate by more than 5 mm over 3 m. In addition, the substrate must be sound, dust free and dry. The relative humidity of air at the concrete surface must not exceed 75% prior to installation. Relative humidity must be determined in accordance with BRANZ Bulletin No. 644. As a general guide for new concrete slabs, one month of drying time must be allowed for each 25 mm thickness of concrete.
- When used as an overlay on concrete, sheets must be bonded using a full spread of an approved adhesive, refer to the adhesive manufacturers technical literature.
- Continuously-laid bottom plates to walls in pre-laid situations must be cut away at openings as soon as possible in order to 

Maintenance requirements:

Lining board will not normally require maintenance.

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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