

CLASS 1

BUILDING PRODUCT INFORMATION SHEET

Product name:

Superstrand™ 12 mm Flooring Overlay

Product description and its intended use

Reconstituted Wood Panel, for interior Flooring - for use in wet areas, with moisture protection. Square Edge (SQ).

Preservative Treated for Hazard Class H3.1 or less application.

3,600 x 1,200 x 12 mm - SQ

2,400 x 1,200 x 12 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

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 (b)

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). Superstrand™ 12 mm Flooring meets the requirements for loads arising from self-weight, imposed gravity loads arising from use, earthquake, wind and impact.

B2 Durability: B2.3.1 (b) not less than 15 years. Superstrand™ 12 mm Flooring meets these requirements.

F2 Hazardous Building Materials: F2.3.1. Superstrand™ 12 mm Flooring meets this requirement

Manufactured in accordance with AS/NZS 1859.1:2017 (STD), and Preservative Treated to AS/NZS 1604.1:2022 for Hazard Class H3 applications.
Formaldehyde Emission - E₀

Limitations on the use of the building product:**Superstrand™ 12 mm Flooring Overlay**

- Separation or protection must be provided to Superstrand™ Flooring Overlay 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.

Superstrand™ 12 mm Flooring Overlay is not for external use, and should not to be exposed to persistent dampness or condensation.

Superstrand™ 12 mm Flooring Overlay 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 12 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:

Superstrand™ 12 mm Square Edge sheets have a density of approximately 660 kg/m³.

Heat

- Over-floor heating systems may be used with Superstrand™ 12mm Flooring Overlay, provided it is not subjected to a temperature exceeding 35°C.

- Strandboard™ Flooring must not be subjected to temperatures exceeding 50°C for prolonged periods.

Fire Affecting Areas Beyond the Fire Source

- Strandboard™ Flooring can be used as flooring 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.

Wet Areas

- Superstrand™ 12 mm Flooring Overlay is preservative treated for Hazard Class H3 applications, and is therefore suitable for use in wet areas as specified by NZS 3602, Table 1C.3 and Note 7.

- Wet areas are spaces where sanitary fixtures and sanitary appliances are located such as bathrooms, toilets, laundries and kitchens. There are two general categories of wet areas as follows:

- Water Splash – these are areas subject to intermittent splashing of water such as around baths, vanities, tubs and sinks.
- Shower Areas (Spaces) – these are areas subject to frequent and heavy water splash such as enclosed showers, unenclosed shower zones and showers over baths.

- Where Superstrand™ 12 mm Flooring Overlay is used in shower areas, a waterproof membrane system specified for use with timber panel flooring must be used to protect the Superstrand™ 12 mm Flooring Overlay. The waterproof membrane must comply with AS/NZS 4858 or be covered by a valid BRANZ Appraisal. Other water splash areas must be protected by impervious floor coverings in accordance with NZBC Acceptable Solution E3/AS1, Paragraph 3.1.1.

- A floor waste is recommended where accidental flooding is possible. Floor wastes must be installed in accordance with the requirements of NZBC Acceptable Solution F3/AS1 Paragraph 2.2 or NZBC Acceptable Solution G13/AS1 Paragraph 3.4.

**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™ 12 mm Flooring sheets are laid. If the floor is to be finished with a clear finish, then all Strandboard™ 12 mm Flooring sheets should be laid with the printed face down.

- Strandboard™ Flooring must be fixed with 60 x 2.8 mm hot-dip galvanised or stainless steel, annular grooved flooring nails, or 50 x 8 g screws (non-diaphragm applications only) 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™ 12 mm

Flooring in place.

- When used as an overlay on timber substrates or as a second layer over a pre-laid single layer, Strandboard™ 12 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™ 12 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.



Maintenance requirements:

Lining board will not normally require maintenance.

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

In wet areas, impervious floor coverings (or waterproof membranes) must be maintained to ensure water cannot penetrate through to the Superstand™ Flooring.

Any floor wastes must be installed and maintained to remain unobstructed, drain to the outside of the building, and prevent Superstand™ Flooring from becoming wet.

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.

- » All BPIR documents are available at: jnl.co.nz
- » All JNL BPIR documents printed or not directly viewed on our website are considered uncontrolled.



For General Inquiries: +64 9 373 3933
email: info@jnl.co.nz
jnl.co.nz