

# strandfloor® Factsheet

## StrandfloorH3.1® & Strandfloor®

StrandfloorH3.1® and Strandfloor® is a high density reconstituted wood panel manufactured in NZ from strands of radiata pine which are randomly layered to form a panel with an aesthetically pleasing smooth finish.



These products are available in both Tongue & Groove and Square Edge.

### Weathering Exposure Period

- StrandfloorH3.1®: 12 weeks
- Strandfloor®: 8 weeks

### Product Facts

- CodeMark certification for StrandfloorH3.1® and Strandfloor®.
- BRANZ appraised for StrandfloorH3.1® and Strandfloor® (Appraisal No. 677 (2021) and No. 676 (2021) respectively).
- StrandfloorH3.1® allows a 12 week exposure period and meets NZS3602 requirements for timber floors in wet areas.
- The resin used in StrandfloorH3.1® and Strandfloor® provides it with increased durability.
- No specialist cutting or dust extraction equipment required.
- Each individual strand of StrandfloorH3.1® and Strandfloor® is treated prior to bonding, resulting in a full penetration treatment removing the requirement for retreating cut edges during the installation process.
- Strandfloor® and StrandfloorH3.1® are Red List Free and hold Declare certification.
- StrandfloorH3.1® and Strandfloor® are manufactured in New Zealand, are FSC certified and meet the SE0 formaldehyde emissions level.

### Applications

- Pre-laid or post-laid flooring over timber, engineered beams or steel joists.
- An overlay to concrete or wooden floors.
- As floor diaphragms for wind and earthquake loads.
- For general staircase construction.
- As carcass members for cabinetry.
- For industrial shelving and packaging.

### Product range

Type	Exposure Time	Panel Sizes	Weight (kg) per m <sup>2</sup>	Weight (kg) per panel	Pack Size
StrandfloorH3.1® Tongue & Groove	12 weeks	3600x1200x20mm	13.6	60kg	20
		2400x1200x20mm	13.6	40kg	45
StrandfloorH3.1® Square Edge*	12 weeks	3600x1200x20mm	13.6	60kg	20
		2400x1200x20mm	13.6	40kg	45
Strandfloor® Tongue & Groove	8 weeks	3600x1200x20mm	13.6	60kg	20
		2400x1200x20mm	13.6	40kg	45
Strandfloor® Square Edge*	8 weeks	3600x1200x20mm	13.6	60kg	20
		2400x1200x20mm	13.6	40kg	45

\*Product Made To Order (MTO) only. MOQ & T&Cs apply.

### Physical Properties

#### StrandfloorH3.1®

Property	Units	Manufacturing Mean*	AS/NZS min/max
Bending Strength (MoR)	MPa	25.5	19 min
Modulus of Elasticity (MoE)	MPa	3681	2750 min
Internal Bond Strength (IB)	MPa	0.927	0.55 min
24-hour Thickness Swell	%	5.0	8 max

#### Strandfloor®

Property	Units	Manufacturing Mean*	AS/NZS min/max
Bending Strength (MoR)	MPa	23.1	17 min
Modulus of Elasticity (MoE)	MPa	3525	2650 min
Internal Bond Strength (IB)	MPa	0.681	0.50 min
24-hour Thickness Swell	%	6.9	14 max

**Note:** All measurements shown are nominal.



Download the Strandfloor® Technical Manual at [laminex.co.nz](http://laminex.co.nz)

