

Trade Essentials® Strandfloor™

Trade Essentials® Strandfloor™ is a superior structural decorative wood panel flooring product with options for enhanced resistance to insect attack and fungal decay. It is manufactured by bonding large flakes of wood together with an advanced resin system under heat and pressure to provide a timber panel with excellent strength, flexural stiffness and dimensional stability. Made using sustainable FSC® Mix wood resources and no added formaldehyde resin system, Strandfloor is also an environmentally responsible choice.



APPLICATIONS

Trade Essentials® Strandboard™ is recommended for interior flooring applications in commercial and residential situations, with the strength of the 20mm thickness allowing for use across 600mm joist spacings. An added benefit is the unique appearance of Strandfloor when polished, washed or raw. If surface coating, it is recommended that this occurs prior to installation, noting that fine join lines will result.

Strandboard is also available as Termite Treated or H3 Treated options, for flooring applications where enhanced resistance to termite attack or fungal decay is required.

Note: for full details on material properties, floor design, installation, finishing and maintenance, please refer to the Strandfloor Technical Manual.

SHEET SIZE

Trade Essentials Strandfloor is available in a range of treatment options and sheet sizes as shown below:

Treatment Class	Thickness (mm)	Length (mm)	Width (mm)
Standard	20	3600	800
Standard	20	2400	1200
Standard	20	3600	1200
Termite Treated	20	3600	800
Termite Treated	20	2400	1200
Termite Treated	20	3600	1200
H3 Treated	20	3600	800
H3 Treated	20	2400	1200
H3 Treated	20	3600	1200

PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.1)

Property	Unit	THICKNESS	
		20mm	
Board Density	kg/m ³	680	
Internal Bond	MPa	0.60	
Modulus of Rupture	MPa	22.0	
Modulus of Elasticity	MPa	4300	
24 Hour Thickness Swell	%	< 3.0	
Thickness Stability	%	< 11.0	
Surface Water Absorption	g/m ²	< 60	
Glue Bond Quality	MPa	12.0	
Wet Bending Strength (Method C)	MPa	8.0	
Formaldehyde Emission	mg/L	< 0.30	

WEIGHT

Thickness	20mm
kg/m ²	13.7

FIRE HAZARD INDICES

(Typically achieved when tested to AS/NZS 1530.3)

Indices	Range	Result
Ignitability	0 to 20	18
Spread of Flame	0 to 10	7
Heat Evolved	0 to 10	6
Smoke Developed	0 to 10	3

FIRE TEST RESULTS

Cone Calorimeter (Results when tested in accordance with AS/NZS 3837)

Classification	Result
Group Number	3
Average Specific Extinction Area	57.0kg/m ²

VOC TEST RESULTS

(Typically achieved when tested to ASTM D 5116)

	Unit	Result
TVOC Emission	mg/m ² /hr	0.03

THIRD PARTY CERTIFICATION

Forest Stewardship Council® (FSC®) is an independent body established to promote the responsible management of the world's forests. Its trademark provides international recognition to organisations and their products that support responsible forest management. FSC Chain of Custody (CoC) certification is a stringent traceability system developed by FSC to ensure wood fibre is legally sourced and traded and can be traced through all points of the manufacturing process through to distribution. Trade Essentials Strandboard is FSC CoC certified and can accrue timber credits in the GBCA Green Star® Rating Tool.



General Site Work Notes

Appendix 1. Handling & Product Application Guidelines
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Board Product: Site Work Notes

Appendix 3. Handling & Product Application
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Sheet Size & Thickness Availability

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Greenfirst Products

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