

# Trade Essentials® Triboard™ Pinnable

Trade Essentials® Triboard™ is a unique, three-layered wood panel product consisting of a Strandboard core with fibreboard skins, produced in a single manufacturing process. The Triboard Pinnable version offers many features of the Triboard range but with a lower density. It is lighter in weight and has the defining feature of being easily pinnable. This feature, together with strength and dimensional stability, makes it ideal for a range of office partitioning and screen applications. Made using sustainable FSC® Mix wood resources, Triboard Pinnable is also an environmentally preferred choice.



## APPLICATIONS

Triboard™ Pinnable is recommended for interior applications such as cores to office partitioning, screens and dividers, demountable partitions and message boards. It negates the need for additional fabrication costs associated with traditional multi-layer construction methods, while also reducing the weight of the finished product.

**Note:** Triboard Pinnable is not recommended for exterior use or for areas subject to high levels of moisture.

## PROPERTIES

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

Property	Unit	THICKNESS				
		9mm	16mm	23.5mm	28mm	43mm
Board Density	kg/m <sup>3</sup>	430	420	410	410	420
Internal Bond	MPa	0.10	0.15	0.10	0.10	0.1
Modulus of Rupture	MPa	9.0	10.0	8.0	8.0	6.5
Modulus of Elasticity	MPa	1300	1700	1500	1500	1300
Surface Soundness	MPa	0.25	0.35	0.40	0.40	0.30
Screwholding – Face	N	-	250	300	300	300
Screwholding – Edge	N	-	350	400	400	350
24 Hour Thickness Swell	%	< 10.0	< 6.5	< 8.5	< 8.5	< 6.5
Wet Bending Strength (Method A)	MPa	2.0	2.0	2.0	2.0	2.0
Formaldehyde Level	mg/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Weight	kg/m <sup>2</sup>	3.9	6.7	9.6	11.5	18.1

## SHEET SIZE

Triboard Pinnable is available in a sheet size of 2450 × 1800mm.

## FIRE HAZARD INDICES

(Typically achieved when tested to AS/NZS 1530.3)

Indices	Range	Result
Ignitability	0 to 20	13
Spread of Flame	0 to 10	8
Heat Evolved	0 to 10	6
Smoke Developed	0 to 10	4

## VOC TEST RESULTS

(Typically achieved when tested to ASTM D 5116)

	Unit	Result
TVOC Emission	mg/m <sup>2</sup> /hr	< 0.01

## FIRE TEST RESULTS

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

Classification	Result
Group Number	3
Average Specific Extinction Area	41.6kg/m <sup>2</sup>

## 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

Appendix 6  
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### Greenfirst Products

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