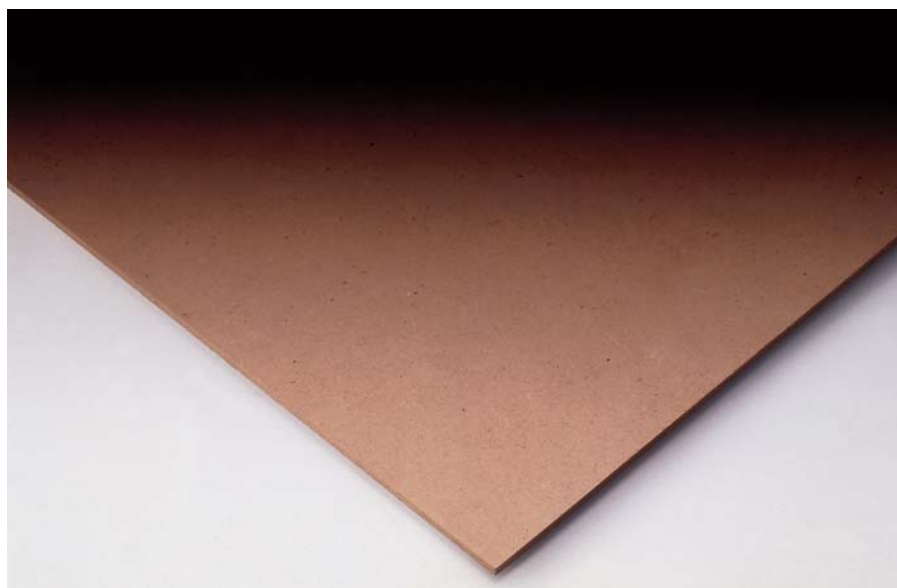


# Trade Essentials® Craftwood® (Thin)

Trade Essentials Craftwood (Thin) is a Medium Density Fibreboard (MDF) designed for applications where a thin board (3mm - 6mm) is required with a hard smooth surface that can be overlaid with natural veneer, vinyl, paint and lacquer.

Craftwood MDF (Thin) is a wood based panel and reacts to changes in moisture like natural timber, ie. high or low humidity may cause some expansion or contraction of the board.



## APPLICATIONS

Cupboard backs, drawer bottoms, curved panels, door skins and other applications requiring a thin panel.

**Note:** Craftwood® MDF (Thin) is designed for interior use only and should not be exposed to damp conditions or high humidity.

## SHEET SIZES & THICKNESSES

For sheet sizes and thicknesses see Appendix 6 page 167.

## PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.2)

Property	Unit	THICKNESS	
		<5mm	5-8mm
Board Density	kg/m <sup>3</sup>	810	780
Internal Bond	MPa	1.10	0.90
Modulus of Rupture	MPa	41.5	40.0
Modulus of Elasticity	MPa	4400	3500
Thickness Swell 24 hrs	%	<25	<16
Formaldehyde Levels	mg/L	≤ 1.0	≤ 1.0

## WEIGHT

Thickness	3mm	4mm	4.75mm	6mm
kg per m <sup>2</sup>	2.5	3.3	4.0	4.7

## FIRE HAZARD INDICES

(Typically achieved when tested to AS/NZS 1530.3)

Indices	Result	Range
Ignitability	14	0-20
Spread of Flame	8	0-10
Heat Evolved	7	0-10
Smoke Developed	4	0-10

## FIRE TEST RESULTS

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

Classification	Result
Group Number	3
Average Specific Extinction Area	90.1 Kg/m <sup>2</sup>

## GREENfirst PRODUCT

Craftwood (Thin) is a Greenfirst product and is certified by Good Environmental Choice Australia as environmentally preferable.



Craftwood (Thin) is manufactured to meet the Australian AS/NZS standard for formaldehyde emissions levels (≤ 1.0mg/L).

### General Site Work Notes

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

Appendix 3. Handling & Product Application  
Page 155-159

### Sheet Size & Thickness Availability

Appendix 6  
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### Greenfirst Products

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