

## Trade Essentials® E0 STD Craftwood®

**Trade Essentials E0 STD Craftwood** is a **Medium Density Fibreboard (MDF)**. With extremely low formaldehyde levels ( $\leq 0.5\text{mg/L}$ ) **E0 STD Craftwood** is characterised by a stable, homogenous surface with excellent machining properties and is suitable for many types of finishing such as painting, staining, laminating and veneering. **E0 STD Craftwood MDF** is a wood based panel and reacts to changes in moisture like natural timber, i.e. high or low humidity may cause some expansion or contraction of the board.



### APPLICATIONS

E0 STD Craftwood® MDF is recommended for interior applications only, such as detailed joinery, lacquered furniture, furniture mouldings, built-in furniture, shelving, wall linings and partitions (if used with suitable feature jointing systems), pattern making, toys, clocks and trophies.

**Note:** E0 STD Craftwood MDF should not be exposed to damp conditions or high humidity.

### SHEET SIZES & THICKNESSES

E0 STD Craftwood MDF is available in a large range of thicknesses and sheet sizes. See Appendix 6.

### PROPERTIES

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

Specifications	Units	THICKNESS RANGE & TYPICAL VALUES		
		9-12mm	13-22mm	23-32mm
Thickness Tolerance	mm	+/-0.2	+/-0.3	+/-0.3
Density	kg/m <sup>3</sup>	760	720	700
Internal Bond	MPa	0.75	0.60	0.50
Modulus of Rupture	MPa	38.5	34.5	31.0
Modulus of Elasticity	MPa	3600	3400	3400
Surface Soundness	MPa	0.9	1.2	1.4
Screw Holding, Face	N		≥ 550	≥ 550
Screw Holding, Edge	N		≥ 700	≥ 700
Thickness Swell (24hr)	%	<10	<6	<6
Formaldehyde Level	mg/L	≤0.5	≤0.5	≤0.5

### WEIGHT

Thickness	9mm	12mm	16mm	18mm	25mm	32mm
kg per m <sup>2</sup>	7.0	9.0	11.6	13.1	17.6	22.1

### 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	47.0 Kg/m <sup>2</sup>

#### General Site Work Notes

Appendix 1. Handling & Product Application Guidelines  
Section 9:1

#### Board Product: Site Work Notes

Appendix 3. Handling & Product Application  
Section 9:3

#### Board Product: Shelf Loadings

Appendix 3. Handling & Product Application  
Section 9:3

#### Sheet Size & Thickness Availability

Appendix 6  
Section 9:6

#### Greenfirst Products

Section 3:1