

## Easycraft General Purpose Lining (ECGP)

Profiles include:

easyvj, easygroove, easyregency, easyline, easybeaded, easyascot, easyscreen, easypanel, archipanel

**ECGP is a highly moisture resistant Medium Density Fibreboard (MDF), suitable for use in areas of high humidity, or where accidental wetting may occur. The high moisture resistant properties of Easycraft MR is due to the bonding of the wood fibres with a specially formulated moisture resistant resin system. Easycraft MR MDF 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 without any degradation to the strength of the board.**

### APPLICATIONS

Easycraft MR MDF is designed for interior use such as kitchen cupboards, bathroom vanities, laundry cupboards, shelving, wall & ceiling lining (if used with a suitable jointing system) and mouldings.

**Note:** Easycraft MR MDF is not recommended for exterior use.

### SHEET SIZES & THICKNESS

Easycraft MR MDF is available in a large range of thickness and sheet sizes.

### 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>

### PROPERTIES

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

Specifications	Unit	THICKNESS	
		9-12mm	13-22mm
Thickness Tolerance	mm	+/-0.2	+/-0.3
Board Density	kg/m <sup>3</sup>	760	730
Internal Bond	MPa	1.00	0.90
Modulus of Rupture	MPa	46.0	43.0
Modulus of Elasticity	MPa	3600	3600
Surface Soundness	MPa	1.3	1.7
Screw Holding - Face	N		≥700
Screw Holding - Edge	N		≥1100
Thickness Swell (24hr)	%	<7	<4
Wet Bending Strength (Method A)	MPa	10.5	9.7
Formaldehyde level	mg/L	≤0.5	≤0.5

### THERMAL PROPERTIES

The thermal conductivity of MDF varies slightly with thickness with the usual range being 0.05 - 0.08 kcal/mh°C (0.12 - 0.15 W/m<sup>2</sup>K)

Like natural timber, MDF has a low thermal capacity. With the normal range of temperature variation, MDF is dimensionally stable and it's strength unaffected.

Information sourced from Laminex Trade Essentials E0 MR Craftwood Technical Data: Issued March 2015. E&OE.  
Check Easycraft website for the latest information.