

# Decorative Wall & Ceiling Linings

## PRODUCT DATA SHEET

**FR FIRE RATED INTERIOR**



### Products include:

easyVJ, easyGROOVE, easyREGENCY, & expression series.

**Easycraft Panel - General Purpose Fire Rated Interior is a Group 2 Medium Density Fibreboard (MDF) with excellent fire retardant properties. Like other materials in the Easycraft range, Easycraft Fire Rated Interior has a stable, homogeneous surface and excellent machining properties. This makes it suitable for many types of finishing – including laminating and veneering.**

### APPLICATIONS

Easycraft Panel – Fire Rated Interior is suitable for a range of applications where increased fire resistance is required, or where reduced fire reaction, flame spread and smoke development are important. So Easycraft Panel – Fire Rated Interior is the material of choice for any application requiring a group 2 product.

Easycraft Panel – Fire Rated Interior is a wood based panel and reacts to changes in moisture like natural timber – it is recommended for dry interior applications only, and should not be exposed to damp conditions or high humidity. Customers must assess and determine the suitability of Easycraft Panel – Fire Rated Interior to meet their specific project requirements.

**Note:** Easycraft Panel – Fire Rated Interior is manufactured to meet the Australian/New Zealand Standard for Low Formaldehyde Emission Class E1 (< 1.0 mg/L).

### PROPERTIES

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

Specifications	Property Unit	THICKNESS & TYPICAL VALUES	
		12mm	18mm
Thickness Tolerance	mm	+/- 0.2	+/- 0.2
Density	kg/m <sup>3</sup>	750	740
Internal Bond	MPa	0.65	0.6
Modulus of Rupture	MPa	27.0	25.0
Modulus of Elasticity	MPa	2500	2300
Moisture Content	%	6-10	6-10
Thickness Swell (24hr)	%	<15.0	<12.0
Formaldehyde Level (E1 Classification)	mg/L	<0.8	<0.8

### FIRE TEST RESULTS

Testing was performed in accordance with AS 5637.1-2015

Classification	Rating
<b>Group Number</b>	<b>2</b>
Average Specific Extinction Area (m <sup>2</sup> /kg)	12.1

### 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°C).

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

### FIRE HAZARD GROUP NUMBER 2 - FLAMEBLOCK

Easycraft uses the BRIGGS FLAMEBLOCK FRMDF 12mm and thicker, for all the Fire Rated Decorative Panel Range.

Product manufacture by UNILIN BVBA DIVISION PANELS BELGIUM.

Trade name - Fibrilux FR (former trade name Firax); FLAMBLOCK™.

Fire Group Rating Testing conducted by warringtonfire.