

Global Ventures Australia

ABN 77 065 255 763

Eco-Core Falcata Blockboard with MDF Faces DATA SHEET

SECTION 1 COMPANY IDENTIFICATION

Company Name	Global Ventures Australia Pty Ltd
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SECTION 2 PRODUCT

Product Identification

Product Name	Eco-Core Falcata Blockboard with MDF Faces
Timber Species	Albasia Falcata
Description	The Eco-Core Falcata Blockboard with MDF Faces is an interior grade product used mainly as a substrate, suitable for re-veneering and applying high pressure laminates. It is lightweight and stable with high mechanical features and screwing seal. Besides its traditional use in joinery works, the great dimensions of the boards make it advantageous for factories manufacturing modern furniture, quality furnishing, fixtures, especially for doors as the light weight exerts a reduced amount of stress onto hinges improving long-term use.

SECTION 3 SIZE

Panel Size	WITH 3mm MDF FACES
	Single Core 3030mm x 1210mm x 21, 28mm
	Triple Core 3030mm x 1210mm x 38, 40, 45, 50, 59, 76mm
	CUSTOM SIZE with 6mm MDF Faces
	Triple Core 3030mm x 1500mm x 50, 59, 76mm 3030mm x 1800mm x 50, 59, 76mm 3600mm x 1500mm x 50, 59, 76mm 3600mm x 1800mm x 50, 59, 76mm
	PANEL TOLERANCE: Thickness: ± 1.0 mm Length 3030mm: +0.00, -5.00mm Width 1210mm: +0.00, -2.00mm

SECTION 4 CONSTRUCTION

Construction	The 5 layer Triple Core Blockboard consists of 41mm wide Falcata strips bonded together and superimposed in a cross pattern and covered with a layer of MDF on each side.
	The 3 layer Single Core Blockboard consists of 41mm wide Falcata strips bonded together to form one layer and covered with a layer of MDF on each side.

SECTION 5 COLOUR

Colour	Brown for MDF faces, Beige for inner core (light to dark tan, yellowish red)
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SECTION 6 GLUE

Glue	Water based PVA glue
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SECTION 7 DENSITY

Density	Approximately 350-450 kg/m ³ (depending on the thickness and overlay)
	Density of the Falcata Core (without an overlay) is approximately 225 – 300 kg/m ³

SECTION 8 ENVIRONMENT

Environment	Formaldehyde Emission Rate: 0.046 mg/m ² /hr Total Volatile Organic Compound Emission Rate: 0.006 mg/m ² /hr 4-phenylcyclohexene Emission Rate: <0.003 mg/m ² /hr
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SECTION 9 MOISTURE

Moisture	Moisture content approximately 10-12%
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SECTION 10 FIRE PROPERTIES

Fire Indices	Information pending fire test results
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SECTION 11 APPLICATION

Application	The thicker boards are typically used for internal doors, sliding doors, pivot hinged doors, large conference and meeting tables, long span shelving or high quality joinery/furniture. It is used as a substrate material suitable for re-veneering or laminating. The Eco-Core Falcata Blockboard with MDF faces is paint grade on the faces. All exposed edges on the Falcata Blockboard with MDF must be finished with an edge strip and sealed and finished with a coating to prevent moisture from penetrating the timber. Any cut -outs made on the panel must also be sealed and finished 100% to prevent moisture from penetrating the timber.
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