



Fire Retardant MDF

PRODUCT DATA

Availability, Dimensions, Fire Hazard Group Numbers, Colour

	Thick-ness	Density kg/m ³	Certif-ication	Fire Hazard Group Number - Raw MDF	Fire Hazard Group Number - Veneered*	2440 x 1220mm	2750 x 1220mm	3050 x 1220mm
FLAMEBLOCK FRMDF 12mm	12mm	750	PEFC™	2	2	Natural colour	Natural colour	Natural colour
FLAMEBLOCK FRMDF 16mm	16mm	750	PEFC™	2	2	Natural colour	Natural colour	Natural colour
FLAMEBLOCK FRMDF 18mm	18mm	750	PEFC™	2	2	Natural colour	Natural colour	Natural colour
FLAMEBLOCK FRMDF 25mm	25mm	710	PEFC™	2	2	Pink	Pink	Pink
FLAMEBLOCK BLACK FRMDF 12mm	12mm	750	PEFC™	2	2	Black		Black
FLAMEBLOCK ^M BLACK FRMDF 16mm	16mm	730	PEFC™	2	2	Black		Black
FLAMEBLOCK ^M BLACK FRMDF 18mm	18mm	730	PEFC™	2	2	Black		Black

The information in this table is a guide only and current stocks and sizes may vary from what is stated here - supply of all products is subject to availability and stock-runouts, please contact Briggs Veneers to check current availability. Briggs PEFC Chain of Custody No: AU09/3493

*** Group 2 only applies to veneer of density 755kg/m³ and less: It does not apply to high density veneers such as Blackbutt, Spotted Gum, Ironbark, Jarrah, Marri, Stringybark, Sydney Blue Gum, Tallow- wood etc. These are Group 3 on MDF or Flameblock FRMDF. Group 2 does not apply to any veneer laminates.**

Fire Certification

Please go to the Fire Compliance tab at <https://www.briggs.com.au/resources-downloads>

Technical Specifications

FLAMEBLOCK	Test method	Unit	Ranges of nominal thickness (mm)	
			> 12 to 19	> 19 to 30
Swelling in thickness 24 hr	EN 317	%	12	10
Internal bond	EN 319	N/mm ²	0.60	0.60
Bending strength	EN 310	N/mm ²	25	23
Modulus of elasticity in bending	EN 310	N/mm ²	2500	2300
Formaldehyde emissions	EN 120	ppm	0.1 (E1)	

Tolerances

	Nominal thickness (mm)	
	≤19mm	>19mm
Thickness	± 0.2mm	± 0.3mm
Length and width	± 2.0 mm/m, max. ± 5.0 mm	
Squareness	≤ 2.0 mm/m	
Edge straightness - length and width	≤ 1.5 mm/m	
Tolerance on density within a board	± 7.0%	