

PRODUCT DATA

FLAMEBLOCK™ & FLAMEBLOCK™ LIGHT Fire Retardant MDF

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 PEFC™ 12mm	12mm	760	PEFC™	1	2	Natural colour	Natural colour	Natural colour
FLAMEBLOCK™ LIGHT FRMDF PEFC™ 12mm	12mm	630	PEFC™	1	2	Natural colour	Natural colour	Natural colour
FLAMEBLOCK™ LIGHT FRMDF PEFC™ 16mm	16mm	620	PEFC™	1	2	Natural colour		Natural colour
FLAMEBLOCK™ LIGHT FRMDF PEFC™ 18mm	18mm	620	PEFC™	1	2	Natural colour	Natural colour	Natural colour
FLAMEBLOCK™ LIGHT FRMDF PEFC™ 25mm	25mm	620	PEFC™	1	2	Pink		Pink
FLAMEBLOCK™ BLACK FRMDF PEFC™ 12mm	12mm	750	PEFC™	1	2	Black		Black
FLAMEBLOCK™ BLACK FRMDF PEFC™ 18mm	18mm	730	PEFC™	1	2	Black		Black

For more information about each product go to the individual product page on this website. The information in this table is a guide only and current stocks 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. This table relates to products available ex-stock, other thicknesses and sizes available by special indent order. Briggs PEFC™ Chain of Custody No: SGS-PEFC/COC-0113, Logo Licence No: PEFC/21-31-03.

* Surfaces: Most veneers, Oberflex and Innato meet these Fire Hazard Group Numbers on FLAMEBLOCK™ but low density veneers less than 500kg/m³ are excluded, and a couple of species of veneer reach Group 1. See [FIRE CERTIFICATION FLAMEBLOCK](#)

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)	
FLAMEBLOCK LIGHT				
Swelling in thickness 24 hr	EN 317	%	14	12
Internal bond	EN 319	N/mm ²	0.45	0.45
Bending strength	EN 310	N/mm ²	18	15
Modulus of elasticity in bending	EN 310	N/mm ²	1600	1500
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%	