



MDF Firax

Product class

FR-MDF-LA

Standard reference

EN 622-5

Producer

SPANOLUX

Solution



Scope

Fire retardant MDF for use in dry conditions.

Description

High-density MDF with fine sanded surface, particularly screwable core and excellent fire retardant properties. Suitable for industrial processing for interior decoration products and furniture production. Can be refined with paper, melamine, laminate or veneer. The board is heat- and fire-resistant and has low formaldehyde emission (E1 class). The board is used in particular in public buildings such as hospitals, airports, rest homes, theatres, hotels, etc. MDF Firax withstands extreme heat and fire and has several national and international test reports.

Use of the product

The board must be applied in service class 1 (restrictions in temperature and ambient humidity) and can only be used in biological hazard class 1 of EN 335-3. The boards must be protected from any direct contact with water. They must be stacked flat, on a pallet or using a sufficient number of cross members. Boards should not be stored vertically, unless ground contact can be avoided. The board will expand or shrink under variable humidity conditions. Use suitable sawing, milling and drilling tools.

The fire retarding products and dyes in the board may in exceptional cases affect certain glues or paints. Always perform a test before use.

Dimensions

Thickness: 6 to 30 mm. Max. width and length: 244 - 255 to 635 cm length. Spanolux has high-capacity saws that support all sawing dimensions. In principle, all thicknesses and lengths/widths are available within the press capabilities. Contact our agent or mail to sales@spanolux.be.

Technical specifications

General characteristics + standard	Unit	Average values														
Thickness EN 324-1	mm	6	9	10	12	15	16	18	19	22	25	30				
Density EN 323	Kg/m ³	820	770	760	750	740	740	740	740	710	710	710				
Moisture content EN 322	%	6-10	6-10	6-10	6-10	6-10	6-10	6-10	6-10	6-10	6-10	6-10				
Technical characteristics + standard		5/95 Percentile values														
Bending strength EN 310	N/mm ²	29	29	27	27	25	25	25	25	23	23	23				
Internal bond EN 319	N/mm ²	0,7	0,7	0,65	0,65	0,6	0,6	0,6	0,6	0,6	0,6	0,6				
Modulus of elasticity EN 310	N/mm ²	3000	3000	2800	2800	2500	2500	2500	2500	2300	2300	2300				
Swelling/24h EN 317	%	30	17	15	15	12	12	12	12	10	10	10				

Spanolux holds the following product certificates for MDF Firax:

ISIB België: A1

UK, Warrington Fire: class 1

France, CSTB: M1

France, CSTB melaminated 80 to 160 g/m²: M1

Italy, Ministero del interno: Classe Prime

Spain, Applus: M1

USA, HPVA: A

Burnthrough time: 30 mm/hr or 0.5 mm/min



Please contact www.spanogroup.be for an up-to-date stocklist and all general specifications
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