



Fibrabel®

Product class

L-MDF

Standard reference

EN 622-5

Producer

SPANOLUX

Solution



Scope

High quality light MDF board for non load-bearing applications in dry conditions, in particular for interior decoration and furniture production.

Description

Low-density MDF with hard and smooth sanded, fine surface. Suitable for industrial processing for interior decoration and furniture production. Can be refined with paper, melamine, laminate or lacquer. Fibrabel® is made of 100% softwood and has no coarse fibres in the surface. The board is very easy to mill and has low formaldehyde emission (E1 class).

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.

Dimensions and stock range

Thickness: 8 to 38 mm. Max. width and length: 244 - 255 to 630 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.

Stock range

Dimensions Fibrabel®	Quantities per pack												
Thickness (mm)	8	9	10	12	15	16	18	19	22	25	28	30	38
122x244	90	80	72	60	50	45	40	40	32	28	24	24	20
122x275		80		60		45	40		32				
122x305	90	80	72	60	50	45	40	40	32	28	24	24	20
131x306						45	40						
207x280				50		40	30	30	27				
220x366			45	38		28		24	20	18		15	

Technical specifications

General characteristics + standard	Unit	Average values														
		8	9-9,6	10	11,5-12	13	14	15	16	18	19	22	25	28	30	38
Thickness EN 324-1	mm	8	9-9,6	10	11,5-12	13	14	15	16	18	19	22	25	28	30	38
Density EN 323	Kg/m ³	650	650	640	600	600	600	600	600	600	600	600	600	600	600	600
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	6-10	6-10	6-10	6-10
Technical characteristics + standard		5/95 Percentile values														
		8	9-9,6	10	11,5-12	13	14	15	16	18	19	22	25	28	30	38
Swelling/24h EN 317	%	20	16	16	16	14	14	14	14	14	14	12	12	12	12	11
Internal bond EN 319	N/mm ²	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,4
Bending strength EN 310	N/mm ²	20	20	20	20	18	18	18	18	18	18	15	15	15	15	14
Modulus of elasticity EN 310	N/mm ²	1700	1700	1700	1700	1600	1600	1600	1600	1600	1600	1500	1500	1500	1500	1400

General specifications

Property	Standard	Unit	Fibreboards - Specifications Part 1: General requirements	
			Nominal thickness classes (mm)	
			≤19	>19
Tolerances on nominal dimensions:				
Thickness	EN 324-1	mm	± 0,2	± 0,3
Length and width	EN 324-1	mm/m	± 2,0 mm/m, max. ± 5,0 mm	
Squareness	EN 324-2	mm/m	≤2,0 mm/m	
Edge straightness length and width	EN 324-2	mm/m	≤1,5 mm/m	
Tolerance on density within a board	EN 323	%	± 7,0	
Formaldehyde Perforator Class E1	EN 120	mg/100g	≤8	



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