



## MDF Pure

### Product class

MDF-LA

### Standard reference

EN 622-5

### Producer

SPANOLUX

### Solution



**HEALTH&ENVIRONMENT**  
Wood Based Solution



**CONSTRUCTION/FLOORING**  
Wood Based Solutions

### Scope

High quality MDF board with formaldehyde emission comparable to that of natural wood.

### Description

High-density MDF with hard, fine sanded surface and particularly screwable core characterised by extremely low formaldehyde emission. Suitable for interior decoration where the emphasis is on the use of ecological products. MDF Pure is made of 100% softwood and has no coarse fibres in the surface. Can be refined with paper, melamine, veneer, laminate or lacquer. The board is very easy to mill and has the same technical characteristics as MDF S-Lux.

### 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: 9 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](mailto:sales@spanolux.be).

### Stock range

Dimensions	Quantities per stack		
MDF Pure			
<b>Thickness (mm)</b>	<b>9</b>	<b>12</b>	<b>18</b>
<b>122x244</b>	80	60	40

### Technical specifications

General characteristics + standard	Unit	Average values									
		9	10	12	15	16	18	19	22	25	30
Thickness EN 324-1	mm	9	10	12	15	16	18	19	22	25	30
Density EN 323	Kg/m <sup>3</sup>	750	740	730	720	720	720	720	690	690	690
Moisture content EN 322	%	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									
		17	15	15	12	12	12	12	10	10	10
Swelling/24h EN 317	%	17	15	15	12	12	12	12	10	10	10
Internal bond EN 319	N/mm <sup>2</sup>	0,7	0,65	0,65	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Bending strength EN 310	N/mm <sup>2</sup>	29	27	27	25	25	25	25	23	23	23
Modulus of elasticity EN 310	N/mm <sup>2</sup>	3000	2800	2800	2500	2500	2500	2500	2300	2300	2300

### 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	

MDF Pure has extremely low formaldehyde emission, which is comparable to that of natural wood. Natural wood has values of < 2 mg/100 g dry substance; Pure achieves the same low emission levels. The board is free of isocyanates and phenol glues.

Color of panels is for identification only and can fade under the influence of UV-light.

Spanolux holds the following certificates for MDF Pure:

Germany: Blaue Engel

Japan, Ministerial approval: F\*\*\*\* (Super E0)



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