

**SPANOLUX**

Wood Based Solutions

Spanolux is a division of SpanoGroup

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Fibrabel**SPANOLUX**

Z.I. de Burtonville 10 / B-6690 Vielsalm

Tel.: +32 (0)80 29 27 10 / Fax: +32 (0)80 29 27 11

TVA-BE-0456.573.456 / RPM Marche-en-Famenne

Email: info@spanolux.be / Web: www.spanogroup.be

SPECIFICATIONS			
PRODUCT	FIBRABEL	DATE	16/08/2011
CE-CLASS	L-MDF	EUROPEAN STANDARD	EN 13986

DESCRIPTION

The works will be delivered and installed with a light-density, high quality MDF (Medium Density Fibreboard) with hard, smooth sanded and fine surface.

The MDF board is extremely workable, very easy to mill and is suitable for industrial processing for interior decoration and furniture production.

The MDF board has a L-MDF product classification (ref. European Standard EN 622-5): requirements for light MDF for use in dry conditions.

The MDF 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 MDF board is made of 100% softwood and has no coarse fibres in the surface.

The MDF board has low formaldehyde emission (E1 class).

The manufacturer must be ISO 9001:2000, ISO 14001:2004 and OHSAS 18001:1999 certified.

FINISHING

The board is delivered smooth sanded and can be refined with paper, melamine, laminate or lacquer and be further processed to plinths, profiles, wall- and ceiling panels, non load-bearing decorations.

STANDARD DIMENSIONS

1220x2440mm

1220x3050mm

1220x2750mm (thicknesses 9 / 12 / 16 / 18 and 22mm)

Stocklist, other thicknesses and dimensions available on request.



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PRODUCT CHARACTERISTICS

Property	Unit	Average values														
Thickness EN324-1	mm	8,0	9-9,6	10	11,5-12	13,0	14,0	15,0	16,0	18,0	19,0	22,0	25,0	28,0	30,0	38,0
Density EN323	kg/m ³	650	650	640	600	600	600	600	600	600	600	600	600	600	600	600
Moisture content EN322	%	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
5/95 Percentile values																
Swelling after 24h	%	20	16	16	16	14	14	14	14	14	14	12	12	12	12	11
Bending strength EN319	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	0,45
Internal bond EN310	N/mm ²	20	20	20	20	18	18	18	18	18	18	15	15	15	15	14
Modulus of elasticity EN310	N/mm ²	1700	1700	1700	1700	1600	1600	1600	1600	1600	1600	1500	1500	1500	1500	1400

TOLERANCES

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	