



**S-Lux® Pure**



## Product class

Type MDF.LA according to EN 622-5

## Scope

High quality no added formaldehyde resin (NAF) MDF board, for use in dry conditions and in all load duration categories.

## Description

High-density MDF board with a hard, fine and smoothly sanded surface, characterised by extremely low formaldehyde emission.

MDF S-Lux® Pure is approved (n° N-14-177) by the by Air Resource Board (ARB) as a no-added formaldehyde based resin (NAF) MDF board (section 93120.3 of the ATCM 'Airborne Toxic Control Measure'), This implies that formaldehyde emission is less than 0,04 ppm (90% of tested material), with a maximum of 0.06 ppm for every single measurement.

Moreover, MDF S-Lux® Pure holds the German 'Der Blaue Engel' certificate for thickness 12 – 25 mm, and is classified as F\*\*\*\* according JIS A 1460, for thickness 9 – 30 mm.

Upon request, this MDF board can be supplied with PEFC, FSC or FSC Controlled Wood certificate.

## Use of the product

MDF S-Lux® Pure is suitable for industrial processing, interior decoration and furniture production. The board can be lacquered or finished with paper, foil, melamine, veneer or high pressure laminate. MDF S-Lux® Pure is also suitable for use under load conditions.

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.





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## Dimensions

Thickness: 9 to 30 mm. Maximum width 255 cm. Maximum length 630 cm.. Standard thicknesses and dimensions are listed in our stock program. Furthermore, 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 sales team or send an e-mail to [sales.spanolux@unilin.com](mailto:sales.spanolux@unilin.com) for further details.

## Technical specifications

Property	Test method	Unit	Ranges of nominal thickness (mm)			
			> 6 to 9	> 9 to 12	> 12 to 19	> 19 to 30
Swelling in thickness 24 h	EN 317	%	17	15	12	10
Internal bond	EN 319	N/mm <sup>2</sup>	0,70	0,65	0,60	0,60
Bending strength	EN 310	N/mm <sup>2</sup>	29	27	25	23
Modulus of elasticity in bending	EN 310	N/mm <sup>2</sup>	3000	2800	2500	2300



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