



**S-Lux®**

CARB II  
COMPLIANT



## Product class

Type MDF.LA according to EN 622-5

## Scope

High quality 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.

MDF S-Lux® has low formaldehyde emission (E1 class). Moreover, MDF S-Lux® meets the requirements set by the California Air Resource Board (CARB - phase 2). According to ASTM E 1333-96, formaldehyde emission is less than 0,11 ppm, which corresponds to CARB, phase 2 as set by the ACTM.

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

## Use of the product

MDF S-Lux® is suitable for interior decoration, industrial processing and furniture production. The board can be lacquered or finished with paper, foil,

melamine, veneer or high pressure laminate. MDF S-Lux® 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.

## Dimensions

Thickness: 3 to 30 mm. Maximum width 255 cm. Maximum length 630 cm. Standard thicknesses and dimensions are listed in our extensive 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.



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## Technical specifications

| Property                         | Test method | Unit              | Ranges of nominal thickness (mm) |          |          |           |            |            |
|----------------------------------|-------------|-------------------|----------------------------------|----------|----------|-----------|------------|------------|
|                                  |             |                   | > 2,5 to 4                       | > 4 to 6 | > 6 to 9 | > 9 to 12 | > 12 to 19 | > 19 to 30 |
| Swelling in thickness 24h        | EN 317      | %                 | 35                               | 30       | 17       | 15        | 12         | 10         |
| Internal bond                    | EN 319      | N/mm <sup>2</sup> | 0,70                             | 0,70     | 0,70     | 0,65      | 0,60       | 0,60       |
| Bending strength                 | EN 310      | N/mm <sup>2</sup> | 29                               | 29       | 29       | 27        | 25         | 23         |
| Modulus of elasticity in bending | EN 310      | N/mm <sup>2</sup> | 3000                             | 3000     | 3000     | 2800      | 2500       | 2300       |



**SPANOLUX**

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