



# Fibralex<sup>®</sup> NAF

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

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

Fibralex NAF is approved (n° N-18-177) 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, Fibralex NAF is classified as F\*\*\*\* according JIS A 1460, for thickness 9 - 30 mm.

## Applications

- Interior decoration
- Furniture production
- Skirtings & profiles

## Characteristics



MDF.LA (EN 622-5)



High density



Structural applications



Non-added formaldehyde (NAF)



# Fibralux<sup>®</sup> NAF

## Applications

Fibralux NAF 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. Fibralux NAF 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.

## 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       |

## Available dimensions and thicknesses

Thickness: 9 to 30 mm. Maximum width 255 cm. Maximum length 630 cm. Standard thicknesses and dimensions are listed in our stock program. Furthermore, UNILIN 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 [info.panels@unilin.com](mailto:info.panels@unilin.com) for further details.

## Certificates

UNILIN Division Panels is actively committed to sustainable forest management. Fibralux NAF is available on demand with PEFC and FSC labelling.

