



Fibralex[®]

High-density MDF board with a hard, fine and smoothly sanded surface.

High-density MDF board with a hard, fine and smoothly sanded surface. Fibralex has low formaldehyde emission (E1 class). Moreover, Fibralex meets the requirements set by the California Air Resource Board. 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. This MDF board also meets the requirements of EPA, as set by TSCA Title VI.

Applications

- Interior decoration
- Furniture production
- Skirtings & profiles
- Acoustic panels

Characteristics



MDF.LA FR (EN 622-5)



High density



Structural applications



Applications

Fibralux 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. Fibralux 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. The Fibralux boards in thickness 3 and 4 mm are non-sanded and not suitable for any surface finishing.

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 24 h	EN 317	%	35	30	17	15	12	10
Internal bond	EN 319	psi	0,70	0,70	0,70	0,65	0,60	0,60
Bending strength	EN 310	psi	29	29	292	27	25	23
Modulus of elasticity in bending	EN 310	psi	3000	3000	3000	2800	2500	2300

Available dimensions and thicknesses

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, 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 for further details.

Certificates

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

CARB II/TSCA VI
COMPLIANT

