

Fibrabel® Ultralight

High quality ultralightweight MDF board for non load-bearing applications in dry conditions.

MDF board with a hard, fine and smoothly sanded surface. Fibrabel Ultralight has low formaldehyde emission (E1 class). Moreover, Fibrabel Ultralight 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

Characteristics

- UL2-MDF (EN 622-5)
- Ultralight weight



UNILIN

Fibrabel® Ultralight

Applications

Fibrabel Ultralight is suitable for interior decoration, industrial processing and furniture production. The board can be lacquered or finished with paper, foil, veneer or high pressure laminate. 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)			
			> 9 to 12	> 12 to 19	> 19 to 30	> 30 to 45
Swelling in thickness 24 h	EN 317	%	18	14	13	12
Internal bond	EN 319	N/mm²	0,35	0,35	0,35	0,30
Bending strength	EN 310	N/mm²	18	16	14	12
Modulus of elasticity in bending	EN 310	N/mm²	1400	1300	1200	1100

Available dimensions and thicknesses

Thickness: 12 to 40 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.
Fibrabel Ultralight is available on demand with PEFC and FSC labelling.

CARB II/TSCA VI COMPLIANT

CE EN14041

UNILIN, division panels
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USA

Fibrabel® Ultralight

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Technical specifications

Property	Test method	Unit	Ranges of nominal thickness (in)			
			> 23/64 - 15/32	> 15/32 - 3/4	> 3/4 - 1 3/16	> 1 3/16 - 1 37/64
Swelling in thickness 24 h	EN 317	%	18	14	13	12
Internal bond	EN 319	psi	51	51	51	44
Bending strength	EN 310	psi	2 610	2 320	2 030	1 740
Modulus of elasticity in bending	EN 310	psi	203 000	189 000	174 000	160 000

Available dimensions and thicknesses

Thickness: 15/32"-1 37/64". Maximum width 8.2 ft. Maximum length 20 ft. 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.

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