



# Fibrabel<sup>®</sup> Black LF+

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

MDF board, coloured black in the mass, with a hard, fine and smoothly sanded surface. MDF Fibrabel Black LF+ has low formaldehyde emission (E1 class) & meets the ChemVerbotsV requirements for Germany. Moreover, MDF Fibrabel Black LF+ 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

## Characteristics



L.MDF (EN 622-5)



Core coloured



# Fibrabel® Black LF+

## Applications

MDF Fibrabel Black LF+ 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. 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.

Important remark: Unilin core coloured MDF panels are produced according to our highest quality standards & internal specifications. However, the use of natural raw materials may result in:

- colour differences between different production batches & panel thicknesses.
- the appearance of small, non-coloured wood fibres, which is normal and a desired effect. On the panel's surface, the shape, density and size of these fibres might differ.

For each project, it is recommended to use panels from the same production batch only, and to carefully select & assess the panels prior to installation.

## Technical specifications

Property	Test method	Unit	Ranges of nominal thickness (mm)				
			> 6 to 9	> 9 to 12	> 12 to 19	> 19 to 30	> 30 to 45
Swelling in thickness 24 h	EN 317	%	20	16	14	12	11
Internal bond	EN 319	N/mm <sup>2</sup>	0,45	0,45	0,45	0,45	0,40
Bending strength	EN 310	N/mm <sup>2</sup>	20	20	18	15	14
Modulus of elasticity in bending	EN 310	N/mm <sup>2</sup>	1700	1700	1600	1500	1400

## Available dimensions / thicknesses

Thickness: 8 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](mailto:info.panels@unilin.com) for further details.

## Certificates

UNILIN Division Panels is actively committed to sustainable forest management. Fibrabel Black LF+ is available on demand with PEFC and FSC labelling

CARBII/TSCAVI  
COMPLIANT



CHEMVERBOTS  
COMPLIANT