



# Fibromax Compact MR Black

A compact density fibreboard (density > 1.000 kg/m<sup>3</sup>), black coloured in core, with low swelling & high physical and mechanical properties, for surface finishing with melamine, HPL, wood veneer,...

Compact density fibreboard, with a density of > 1000 kg/m<sup>3</sup> and black core coloured. Fibromax Compact MR Black is a very robust high-quality board, with excellent physical and mechanical properties (low swelling, high internal bond, strong resistance to impact, ...). The board can be machined easily (using standard tools for sawing, drilling & milling) and can be surface finished with melamine, HPL, wood veneer, etc. The board has low formaldehyde emission (E1 class). Fibromax Compact MR Black is made from 100% recovered wood: 100% pre-consumer wood from waste flows from the wood industry or thinned wood from sustainable forestry and verge management.

## Applications

- Sanitary rooms, lockers, dressing rooms,...
- Interior decoration
- Furniture production
- Wall paneling
- Art & decoration

## Characteristics



MDF.H (EN 622-5)



Compact density



Structural applications



Moisture resistant



Core coloured



# Fibromax Compact MR Black

## Applications

Fibromax Compact MR Black is suitable for interior decoration, industrial processing, and furniture production. The board can be finished with melamine, wood veneer or high pressure laminate. Fibromax Compact MR Black boards can be used in humid conditions. As the boards are black core coloured, perforations or grooves provide nice contrast with the surface finishing of the panel. Of course, the same applies for the edges. The board can be applied in service class 2 (restrictions in temperature and ambient humidity) and can be used in biological hazard classes 1 and 2 of EN 335-3.

Please follow our recommendations with regard to storage, handling, finishing, processing (sawing, drilling, milling), edge finishing & installation of this board.

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	> 6 to 9	> 9 to 12	> 12 to 19
Swelling in thickness 24 h	EN 317	%	7	6	6	5
Internal bond	EN 319	N/mm <sup>2</sup>	1,7	1,7	1,7	1,6
Bending strength	EN 310	N/mm <sup>2</sup>	48	48	46	43
Modulus of elasticity in bending	EN 310	N/mm <sup>2</sup>	4850	4850	4500	3950
Option 1						
Swelling in thickness after cyclic testing	EN 317	%	12	12	12	12
	EN 321					
Internal bond after cyclic testing	EN 319	N/mm <sup>2</sup>	0,4	0,4	0,4	0,4
	EN 321					

## Available dimensions and thicknesses

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. Fibromax Compact MR Black is available on demand with PEFC and FSC labelling.

