



# Decorative-Fibralux MR Black OL100/HG1 Original Black/High Gloss







A ready to use, black core coloured MDF panel with a transparent high gloss lacquer finish.

High-density MDF board, coloured black in the mass, with a transparent "high gloss" lacquer finish on both sides. Thanks to the transparent lacquer, the small wood fibres remain visible on the panel's surface, emphasizing the natural origin of the product. The lacquer coat consists of an inert, UV-hardened lacquer which does not contain any harmful substances. The coat is highly colorfast, stain resistant and easy to clean. Each panel has a self-adhesive protective film on both sides. The board is ready to use without edging tape, or with the perfectly matching ABS edging tape. This product is made from 100% recovered wood.

## Applications

- Furniture
- Wall paneling & boarding
- Partition walls
- Product displays & stands
- Art & interior decoration

## Characteristics

-  MDF.HLS (EN 622-5)
-  High density
-  Moisture resistant
-  Core coloured
-  Transparent high gloss lacquer
-  100% recovered wood



# Decorative-Fibralux MR Black 0L100/HG1

## Applications

The board is suitable for all production processes required for furniture construction (sawing, drilling, milling, screwing, gluing, etc...) and can be used for general vertical applications. It is not recommended to use the boards for horizontal applications.

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.

During and especially after installation the boards must, wherever possible, be optimally 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/shrink under variable humidity conditions, albeit to a lesser extent than standard MDF, meaning that an expansion space must be provided for at all times. 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.

## Cleaning & care instructions

Decorative MDF panels do not require any special maintenance. The recommended cleaning methods are as follows:

### Light/ Fresh soiling

Clean with a paper towel, a soft clean cloth (dry or damp) or a sponge. If using damp cloth, dry the surface with an absorbent paper towel or microfiber cloth.

### Normal soiling - Extended contact time

Clean with warm water, a clean microfiber cloth, a soft sponge or soft brush. Take care that the use of water during cleaning is not too generous.

Use normal domestic cleaners or soaps that have no abrasive ingredients. The cleaning agent should be directly spread on the dirt spot when cleaning. Then wipe with fresh water, removing all traces of cleaning agent, to prevent streaks forming. Dry the surfaces with a clean absorbent cloth or paper towel. The following cleaning agents should not be used under any circumstances:

- Scouring and abrasive agents (Scourings pads, Steel wool)
- Polish, washing powders, furniture cleaner, bleach
- Detergents with strong acids and salts
- Steam cleaning equipment.



## Technical specifications

Property	Test method	Unit	Ranges of nominal thickness (mm)				
			> 4 to 6	> 6 to 9	> 9 to 12	> 12 to 19	> 19 to 30
Swelling in thickness 24 h	EN 317	%	18	12	10	8	7
Internal bond	EN 319	N/mm <sup>2</sup>	0,70	0,80	0,80	0,75	0,75
Bending strength	EN 310	N/mm <sup>2</sup>	34	34	32	30	28
Modulus of elasticity in bending	EN 310	N/mm <sup>2</sup>	3000	3000	2800	2700	2600
<b>Option 1</b>							
Swelling in thickness after cyclic testing	EN 317 EN 321	%	25	19	16	15	15
Internal bond after cyclic testing	EN 319 EN 321	N/mm <sup>2</sup>	0,35	0,30	0,25	0,20	0,15
<b>Option 2</b>							
Internal bond after boil test	EN 319 EN 1087-1	N/mm <sup>2</sup>	0,20	0,15	0,15	0,12	0,12

## Available dimensions and thicknesses

Thicknesses: 18 & 19 mm. Width 122 cm; length 305 cm. Other thicknesses and panels dimensions can be made upon request. Contact our sales team or send an e-mail to [info.panels@unilin.com](mailto:info.panels@unilin.com) for further details.

## 100% recovered wood

This MDF board is made from 100% recovered wood: wood and wood waste that is no longer usable for someone else and we therefore save it from incineration. More specifically, this board is made from wood originating from residual flows from the wood industry and thinnings from sustainable forest management and roadside maintenance.

## Certificates

UNILIN Division Panels is actively committed to sustainable forest management. Decorative MDF panels are available on demand with PEFC and FSC labelling.

CARB II/TSCA VI  
COMPLIANT



CHEMVERBODSV  
COMPLIANT

AFSSET  
CLASSE A+