

Black Diamond MR MDF Super Matte & Gloss, Interior Design Collection

Black Diamond MR MDF Super Matte and Super Gloss offers a transparent UV hardened lacquer finish to both sides which does not contain any harmful substances. Each panel has a self-adhesive protective film on both sides. The UV-hardened lacquer board has low formaldehyde emission (E1 class) and also meets the requirements set by



the California Air Resources Board (CARB - phase 2) and EPA (TSCA - Title VI).

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.

Black Diamond MR MDF Super Matte and Super Gloss is made from 100% recovered wood: 100% pre-consumer wood from waste flows from the wood industry or thinned wood from sustainable forestry.

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 or heavy duty / high wear applications (e.g. working surfaces, desks, worktops & table tops).

The edges of the board can remain untreated. Alternatively, the board edges can also be rounded, finished with edging tape or protected with oil or varnish.

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

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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.

Black Diamond MR MDF 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 Information:

Black Diamond MR MDF Super Matte and Gloss panels are produced according to our highest quality standards & internal specifications. However, the use of natural raw materials may result in:

- Color differences between different production batches & panel thicknesses.
- The appearance of small, non-colored wood fibers, which is normal and a desired effect. On the panel's surface, the shape, density and size of these fibers 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

Black Diamond MR MDF Super Matte 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 absorbents 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.

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