



MEDITE EXTERIOR is an MDF panel developed specifically for use in a wide range of external applications in accordance with MDF-H2 as defined in EN 622 part 5 and gives all the design freedom of interior MDF.

This information sheet provides the correct use of MEDITE EXTERIOR MDF and are specifically designed to ensure both longevity and performance of this product in service. It is therefore essential that these recommendations are strictly followed.

CONSTRUCTION RECOMMENDATIONS

- Before processing a minimum of 3 – 4 days conditioning is recommended to allow the panels to reach equilibrium moisture content. Air must be allowed to move freely over both surfaces to reduce the risk of the boards warping
- All edges should be rounded to 3mm radius to improve coating retention and maximise maintenance intervals
- Flat surfaces/areas where water can collect should be avoided. Surfaces should have 15° inclination to allow water to naturally run off
- All gaps/holes should be sealed to prevent water entering the construction
- Fixings and fasteners must be corrosion resistant. Best practice for fixings must be followed
- If the coating is damaged during installation the necessary repairs should be performed in line with the coating manufacturers guidelines
- D4 class or equivalent adhesives must be used

COATING RECOMMENDATIONS

- MEDITE EXTERIOR must be fully coated to a high-quality standard for any exterior application
- As MEDITE EXTERIOR is a wood-based panel it can absorb low levels of water
- Moisture content should be below 10% before processing and coating application
- All edges and machined surfaces must be effectively sealed to help prevent moisture ingress
- High moisture ingress can negatively impact the durability and appearance of coatings
- Coating specifications and guidelines set out by the coating manufacturer must be followed e.g. surface preparation, wet film thickness and drying techniques
- All surfaces and edges should be coated with the same system
- All uncoated edges and surfaces of prefabricated components must be fully coated prior to assembly or exposure to weathering
- Customers should review the location of a site to determine if it would classify as high risk for surface biological growth and would necessitate a biocide additive in the paint formulation

MAINTENANCE RECOMMENDATIONS

All coating systems will require regular maintenance and eventual recoating.

Moulds and algae growths can occur on any timber or wood-based panels. Their presence is related to temperature, humidity, wetting and the presence of atmospheric mould spores.

- 1) Inspect all joinery at least once a year
- 2) Repair any small areas of coating damage as soon as possible in line with the coating manufacturers recommendations
- 3) Wash surfaces with a solution of warm water and liquid detergent, ensuring the water is changed frequently
- 4) Rinse thoroughly with clean water
- 5) Use deionised water for best results
- 6) The build-up of dirt on joinery surfaces can encourage mould growth
- 7) Check joinery for signs of algae or mould growth
- 8) Treat affected areas with a solution of one-part household bleach to two-parts water
- 9) Allow 20 minutes to act and wash off with cold water and a stiff nylon brush
- 10) Use deionised water for best results
- 11) Recoat the joinery when advised by the coating manufacturer

It is recommended that customers contact the coating manufacture for expertise and guidance.

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