

## MEDITE TRICOYA EXTREME (MTX) USAGE GUIDELINES – WINDOWS, DOORS AND ANCILLARIES

MEDITE TRICOYA EXTREME (MTX) panels exhibit outstanding durability and dimensional stability. The added benefits of light weight, moisture stable, sustainable raw materials and extended guarantees offer endless opportunities for external use.

This information sheet offers best practice guidelines for enhanced service life and care for external use of MTX.



## CONSTRUCTION RECOMMENDATIONS

- All edges should be rounded to 3mm radius to improve coating retention and maximise maintenance intervals
- The construction design should avoid flat surfaces/ areas where water can collect. Surfaces should have inclination to allow water to naturally run off
- All gaps/holes should be sealed to prevent water entering the construction
- The use of corrosion-resistant stainless-steel fasteners and fixtures is recommended, A2 or A4 (EN 10088-1) quality or AISI type 304 or 316. The A4 quality should be used in challenging environments and high exposure level applications.
- If the coating is damaged during installation the necessary repairs should be performed in line with the coating supplier's guidelines
- D4 class or equivalent adhesives must be used
- MTX moisture content should be below 10% before processing and coating application
- All edges and machined surfaces should be effectively sealed using an end grain sealer which is compatible with the coating system
- High moisture ingress can negatively impact the durability and appearance of coatings
- Coating specifications and guidelines set out by the coating supplier must be followed e.g. surface preparation, wet film thickness and drying techniques
- Coated joinery should be stored and protected from the elements. Storage areas should be well ventilated and not subject to extremes of temperature
- The coating system should be fully finished prior to installation. If site finishing is required, a primer and mid coat should be factory applied and the top coat applied before the coated MTX gets wet on site

## COATING RECOMMENDATIONS

- MTX does not need a coating to maintain its durability and dimensional stability. Any coating applied to MTX should be of a high quality and to the coating supplier's specification
- As MTX is a wood-based panel it can absorb low levels of water. Moisture will not negatively impact board properties
- Opaque coatings with calcium carbonate (chalk fillers) may cause coating blistering on MTX and should be avoided. Please consult coating supplier
- 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 coating formulation

## MAINTENANCE RECOMMENDATIONS

All coating systems will require regular maintenance and eventual recoating. Coating systems applied to MTX will have an increased lifespan due to the unique properties of the product. Please see our website for warranted coating systems.

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.

Moulds and algae may grow on the surface of coated MTX but will not affect durability of the product.

- 1) Inspect all joinery at least once a year
- 2) Repair any small areas of coating damage as soon as possible
- 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 when there are general signs of wear

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



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