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# FDV-DOKUMENTASJON

FORVALTNING / DRIFT / VEDLIKEHOLD

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## MDF TRICOYA EXTREME – Produktgruppe 3555

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### 1 Leverandør

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### 2 Produktnavn

MDF Tricoya Extreme

### 3 Produktbeskrivelse

MDF Tricoya Extreme plater er ekstremt holdbare, formstabile, tåler fukt og har 50 års garanti mot råte over bakken- og 25 års garanti i bakken i kontakt med ferskvann. Platene er Svanemerket og kan benyttes både innvendig og utvendig. Platene er limt med fuktbestandig lim og densitet er 700 – 720 kg/m<sup>3</sup>

### 4 Egenskaper

Platene er fremstilt ved å kombinere acetyleret trevirke fra Accoya®. Platene er fremstilt med miljøvennlig eddiksyre og inneholder ikke noe kjemiske stoffer og platene vil ha et fuktighetsinnhold på ca. 3% til 5%, men det vil variere noe ut ifra fuktigheten i omgivelsene. Platene egner seg meget godt til bearbeiding og maling siden platene er meget formstabile. Skruer, hengsler og øvrige festeordninger som kan utsettes for fukt, må man bruke produkter som produseres av rustfritt stål i henhold til NO-EN 3506 type A2 eller A4, eller ANSI type 304 eller 316.

Innvendige kan man bruke produkter som håndtak og annet tilbehør som vanligvis brukes i tørre omgivelser.

### 5 Drift og vedlikehold

Platene kan sages, bearbeides og brukes på samme måte som andre fiberplater. Overflaten er behandlet med 150-sandpapir, og kan pusses med finere papir dersom man ønsker en jevnere overflate. Man kan bruke vannbasert maling på platene og platene kan dekkes med melamintapet, laminat og folie. Lim produkter som epoxy, polyuretan, fenol-resorcinol harpiks og EPI kan brukes i samsvar med NS-EN301 Type I.

### 6 HMS

Man trenger kun personlig verneutstyr ved håndtering og bearbeiding.

### 7 Miljøpåvirkning

Platene har ingen målbar effekt på innemiljø og platene er svanemerket.

### 8 Avfallshåndtering

Avkapp og plater kan etter endt levetid sendes til kommunalt deponi og inneholder ikke farlig avfall. Varmeenergien kan gjenvinnes ved forbrenning.

### 9 Emballasje

Plast- og pappemballasje kan gjenvinnes.

### 10 Transport

Produktet er ikke klassifisert som farlig gods.

## 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
- 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 stainless steel of A2 or A4 (EN 10088-1) quality or AISI type 304 or 316
- 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

- 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 manufacturers' specification
- As MTX is a wood-based panel it can absorb low levels of water. Moisture will not negatively impact board properties

- 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 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 and number of coats
- 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
- Opaque coatings with calcium carbonate (chalk fillers) may cause coating blistering on MTX and should be avoided. Please consult coating manufacturer
- 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 manufacturer for expertise and guidance.



CONTACT MEDITE SMARTPLY FOR  
TECHNICAL SUPPORT FOR MEDITE  
TRICOYA EXTREME (MTX)

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