



TREMGARD MTX

HIGH STRENGTH HYBRID POLYURETHANE WATERPROOFING COATING

Tremgard MTX is a two-component hybrid polyurethane waterproofing coating. Tremgard MTX is a highly penetrative coating which upon curing forms a tough yet flexible membrane with excellent adhesion properties, making it highly suitable for all types of waterproofing applications on all types of substrates.

FEATURES/ BENEFITS

- High resistance to the ingress of water & vapour
- Excellent adhesion on wet and damp substrates
- High mechanical properties
- Resistant to abrasion
- Low VOC: Non-hazardous & environmentally friendly
- Durable: Resistant to UV degradation
- Good Flexibility

APPLICATIONS

- Roofs terraces and balconies
- On existing Bitumen membranes
- On top of PU Foam insulation
- Corrugated metal profile sheets

PROPERTY	TEST METHOD	VALUE
Colour	-	White/Grey
Density (g/l)	ASTM D 1475	1.2±0.05
Solid content (%)	ASTM D 1644	75±2
Pot life (mins)	-	60
Touch dry time (hrs.)	-	2 to 3
Full cure (days)	-	7
Tensile strength (n/mm ²)	ASTM D 412	≥2.2
Elongation (%)	ASTM D 412	> 110
Solar reflectance (%)	ASTM E 1549	≥75
Emissivity	ASTM C 1371	<1
Water Vapor transmission (perms)	ASTM E 96	6
Adhesion strength (n/mm ²)	ASTM D 4541	≥1.8
Crack bridging ability (mm)	BS EN 1062-7	≥3
Application temperature (°C)	-	5 to 45
Service temperature (°C)	-	-5 to 70

All values are subjected to 5% - 10% variations



LIMITATIONS

- Tremgard MTX should not be applied when the ambient temperature and material temperature is $>45^{\circ}\text{C}$. Doing so will affect the open time.
- Application shall not be done when rainfall is imminent.
- Do not apply over light weight concrete or foam concrete.

PACKAGING

20lt. Kit (Part A: 19lt. Pail, Part B: 1lt can)

STORAGE

Store under cover, out of direct sunlight and protect from extreme temperatures. The shelf life is up to 12 months when stored as per recommendations and in unopened conditions.

HEALTH AND SAFETY

Caution should be exercised while applying the product as it is with any other construction chemical. Protective gloves and safety glasses should be used when handling these products. If accidental eye contamination occurs, wash thoroughly with plenty of water and seek medical advice. If contact with skin occurs, it must be removed before curing takes place.

