

PRODUCT DESCRIPTION

TREMGard STX is a one-component, hybrid polyurethane coating formulated for waterproofing and protective applications. It provides excellent adhesion and flexibility, making it suitable for roofs, wet areas, and exposed surfaces. Upon curing, it forms a durable, elastic, and seamless membrane resistant to weathering and moisture.

APPLICATIONS

TREMGard STX is suitable for waterproofing and protection of

- Exposed flat and sloped roofs
- Corrugated metal sheets and aluminum sandwich panels
- Wet areas such as toilets, kitchens and public showers
- Metal profile and asbestos roofs
- Terraces, balconies, domes and patios
- Vertical & Horizontal exposed concrete surfaces

FEAUTURES / BENIFITS

- Tough yet highly flexible
- Highly resistant to oxidation, UV rays and ozone
- Superior bond to a variety of surfaces
- Resistant to abrasion
- Low VOC: Non-hazardous & environmentally friendly
- Water vapour permeable
- Excellent crack bridging ability

AVAILABILITY

Contact local StonCor Middle East sales representative.

PACKAGING

20ltr Pail

SHELF LIFE

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.

PHYSICAL PROPERTIES

Property	Test Method	Typical Value
Colour	-	White/Grey
Density	ASTM D1475	1.30 ± 0.05 g/l
Solid Content	ASTM D1644	65 ± 2 %
Initial Cure	-	12 – 24 hours
Full Cure	-	7 Days
Elongation	ASTM D412	> 300 %
Tensile Strength	ASTM D412	> 2.0 N/mm ²
SRI	ASTM E1980	≥ 112
Water Vapour Transmission	ASTM E96	< 2 perms
Water Absorption	BS 1881 – 122	< 0.6 %
Adhesion Strength	ASTM D4541	≥ 1.50 N/mm ²
Crack Bridging Ability	ASTM C1305	≥ 1.5 mm

Application Temperature	-	+5 to +45°C
Service Temperature	-	-5 to +70°C

All values are subjected to 5% - 10% variations, tested under standard laboratory conditions.

COVERAGE

1m²/ltr at 1000 microns WFT. Actual coverage will depend upon the texture and porosity of the surface.

LIMITATIONS

- TREMGard STX should not be subject to permanent immersion or permanent ponding water.
- Application shall not be made when rainfall is imminent and should be protected for a minimum period of 48 hours after application.
- Do not apply over light weight concrete or foam concrete.
- In high temperatures, TREMGard STX may skin if container left open. Remove the skin before mixing. To prevent skinning, keep the container covered during use.
- Diluting TREMGard STX with water is not recommended.

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.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.

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