

PRODUCT DESCRIPTION

TREMproof 580A[®] is a blend of high-performance tropical grade SBS polymer, selected additives and bitumen which is coated on to a high strength, dimensionally stable, non-perforated cross laminated PE film to form a self-adhesive membrane. TREMproof 580A[®] is used for the protection of below ground concrete structures against the ingress of water and moisture. TREMproof 580A[®] conforms to BS 8102.

BASIC USES

TREMproof 580A[®] is best suited for protection of below grade concrete structures. The membrane is used for both damp proofing and waterproofing applications. Ideally suited for foundations, retaining walls, underpasses etc.

WATERPROOFING OF

1. Underpasses and tunnels
2. Retaining walls and foundations
3. Lift pits and manholes
4. Foundations of water retaining structures
5. As DPC layer under block work for mitigating rising dampness

FEATURES & BENEFITS

1. Bitumen Selvedges – ensure continuity and fully adhered overlaps.
2. Cold applied – easy and fast application without torching increasing site safety.
3. Cross lamination ensures high dimensional stability when exposed to high temperatures and load
4. Chemical resistance – withstands corrosive conditions of ground water and soil.
5. Self-adhering – easy peel and stick method without the need for complicated tools
6. Factory controlled thickness – ensure equal cover on the whole surface regardless of points, protrusions, and pits.

AVAILABILITY

Contact your Local Tremco Sales Representative

LIMITATIONS

Please refer to the relevant Product Application Manual.

WARRANTY

Please refer to Stoncor Middle East Warranty guidelines

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Thickness, (mm)	EN 1849-1	2.1
Surfacing	-	Black Cross Laminated HDPE film
Mass per unit area, (kg/m ²)	EN 1849-1	1.6
Softening Point, (°C)	ASTM D 36	110±5°C
Low Temp Flexibility @-15°C	ASTM D 1970	Pass

Tensile Strength, (N/mm ²)	ASTM D 638	>4.5 MPa
Elongation (Film), (L/T), (%)	ASTM D 882	230/200
Elongation of Compound, (%)	ASTM D 412	>1250
Tensile Strength (Film) (L/T), (N/mm ²)	ASTM D 882	45/48
Tear Strength (Film) (L/T), (N/mm)	ASTM D 1004	340/310
Crack Bridging ability, (mm)	ASTM C 1305	3 mm
Puncture resistance, (N)	ASTM E 154	225
Resistance to Hydrostatic Pressure@7Bar	BS EN 12390	Pass
Water absorption- 24hrs	ASTM D 570	<0.15%
Water Vapor Transmission, (g/m ² /24hrs)	ASTM E 96	<0.1
Adhesion to primed concrete, (N/mm)	ASTM D 1000	2.2
Adhesion to primed steel, (N/mm)	ASTM D 1000	2.0
Adhesion to self, (N/mm)	ASTM D 1000	2.4
Cone Penetration@25°C, (dmm)	ASTM D 5	55±10
Chemical Resistance	ASTM D 543	2.5 to 11.5
Application Temperature (Ambient), (°C)	-	10 to 45
Service temperature (Surface), (°C)	-	-20 to 75

All values given are subject to 5-10% variation

Please write to info@stoncor-me.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

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