

Product Description

TREMproof® Amphibia™ Waterproofing Membrane is a self-healing, self-sealing and self-repairing sheet waterproofing membrane. This co-extruded, watertight membrane has three active layers – a watertight EPDM barrier, an active core with the ability to seal when penetrated, and an active barrier which seals the overlap and helps resist lateral movement of water. Also, a non-woven fabric layer promotes the mechanical adhesion of the membrane to the concrete.

Basic Uses

TREMproof Amphibia Waterproofing Membrane is designed for use over lagging on blindside walls, below grade walls, pile caps, grade beams, under slab, and buried forms such as elevator pits.

Features and Benefits

- The membrane's self-healing and self-sealing capabilities reduce the time required for detail work.
- Active layer self-seals overlaps and helps resist water from spreading and provides easy passage of connecting reinforcements.
- Impermeable membrane with no side seepage of water is highly resistant to hydraulic load, and acceptable for use in hydrostatic conditions.
- Non-woven geotextile layer allows for integral adhesion to the reinforced concrete structure.
- Exceptional elongation and crack-bridging characteristics helps deliver extreme durability.
- Composition of the membrane allows for longer exposure to weather and construction elements, offering project schedule flexibility.
- Resists aggressive natural ground agents and is usable in the presence of salt water, expanding it's use in a myriad of jobsite conditions.
- Can be applied in cold temperatures to expand time widow for installation.
- Compatible with approved Tremco TREMproof®, ExoAir® and TREMdrain® solutions to provide for a continuous building envelope.

Availability

TREMproof Amphibia Waterproofing Membrane is immediately available from your local Tremco Sales Representative.

Packaging

5.91' x 65.62' (1.8 M x 20 M) rolls (387.5 ft.²), 130 lbs./roll, 20 rolls/pallet
2.95' x 32.81' (0.9 M x 10 M) rolls (96.9 ft.²), 33 lbs./roll, 36 rolls/pallet

Storage

5.91' x 65.62' (1.8 M x 20 M) rolls (387.5 ft.²), 130 lbs./roll, 20 rolls/pallet
Store in a dry place protected from UV and humidity, preferably horizontally. Do not double stack pallets.

Limitations

- Reinforced concrete structures need to be designed to withstand hydrostatic pressures.

Warranty

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Product proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.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.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION	
Color	Black	
Installation Temperatures	32 to 95 °F (0 to 35 °C)	
Freeze/Thaw Cycles	No effect before or after installation	
Life Expectancy	Indefinite	
PROPERTY	TEST METHOD	VALUES US
Thickness	ASTM D3767	63 mils/1.6mm
Elongation	ASTM D412	709%
Tensile Strength, film	ASTM D412	927 psi
Peel Adhesion to Concrete	ASTM D903	7 lbs/in.
Nail Sealability	ASTM D1970, sect. 7.9	Passed
Low Temp Flexibility at -20° F	ASTM D1970, sect. 7.6	Unaffected, Passed
Tear Strength at Break	ASTM D624	161.51 psi
Permeance	ASTM E96 B	0.0685 US Perms
	ASTM E96 BW (Inverted Wet Cup)	0.0158 US Perms
Permeability	ASTM E96 B	0.0048 US Perm-Inch
	ASTM E96 BW	0.0011 US Perm-Inch
Crack Cycling @ -9.4 °F, 100 Cycles	ASTM C836	Unaffected, pass
Puncture Strength	ASTM E154	156 lbf
Puncture Resistance of Geomembranes	ASTM D4833	52.4 kg/M
Hydrostatic Pressure Resistance	ASTM D4068	Pass at 40 hrs.
Resistance to Hydrostatic Head	ASTM D5385	Pass at 231 ft.
Water Absorption	ASTM D570	0.13%

0520/TPA-BG

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