

# TREMproof™ Amphibia™

## Table of Contents

TREMproof Amphibia Data Sheet - EN	1
TREMproof Amphibia Grip Tape Data Sheet - EN	3
Tremco BG Grip Tape Data Sheet - EN	4

### 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 its use in a myriad of jobsite conditions.
- Can be applied in cold temperatures to expand time window 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.<sup>2</sup>), 130 lbs./roll, 20 rolls/pallet  
2.95' x 32.81' (0.9 M x 10 M) rolls (96.9 ft.<sup>2</sup>), 33 lbs./roll, 36 rolls/pallet

### Storage

5.91' x 65.62' (1.8 M x 20 M) rolls (387.5 ft.<sup>2</sup>), 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](http://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

#### Tremco Commercial Sealants & Waterproofing

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Beachwood OH 44122  
216.292.5000 / 800.321.7906

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Ashland OH 44805  
419.289.2050 / 800.321.6357

220 Wicksteed Ave  
Toronto ON M4H1G7  
416.421.3300 / 800.363.3213

1445 Rue de Coulomb  
Boucherville QC J4B 7L8  
514.521.9555

### Product Description

TREMproof® Amphibia™ Grip Tape is a double-sided, synthetic rubber composite membrane tape, with a butyl adhesive on one side and a fleece material facing. A removable release paper protects the adhesive membrane backing until removed during installation.

### Basic Uses

TREMproof® Amphibia™ Grip Tape is used to seal TREMproof Amphibia sheet waterproofing membrane seam overlaps during installation, allowing for the continuous adhesion of the membrane to the concrete. The TREMproof Amphibia Grip tape and adhesive prevents the overlaps of the membrane sheets from being "opened" during installation, as well as during construction procedures. The butyl tape bonds strongly to the TREMproof Amphibia membrane to seal the overlaps, while the fleece facing enhances the tape's ability to adhere to concrete.

The TREMproof Amphibia Grip Tape is adhered to the white, non-woven fleece fabric layer of the Amphibia waterproofing membrane facing the installer and pressed or rolled down to ensure full adhesion.

### Availability

TREMproof® Amphibia™ Grip Tape is immediately available from your local Tremco Sales Representative. For Distributor locations, visit [www.tremcosealants.com](http://www.tremcosealants.com).

### Packaging

1 roll = 65.6' length x 2.36" width

1 roll per case

### 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.

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### 0619/TAGTDS-BG

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# TECHNICAL DATA SHEET

## TREMCO® BG Grip Tape

Butyl-hybrid, Fleece backed Seaming Tape

### PRODUCT DESCRIPTION

TREMCO® BG Grip tape is a butyl-hybrid adhesive tape with a fleece facer. A release liner protects the adhesive backing until removed during installation. TREMCO BG Grip tape can be applied in temperatures from 0° F (-17° C) to 170° F (76° C).

### BASIC USES

TREMCO BG Grip Tape is used to seal TREMproof™ Amphibia™ sheet waterproofing membrane seam overlaps during installation, allowing for the continuous adhesion of the membrane to the concrete. The TREMCO BG Grip Tape prevents membrane laps from separating during installation and construction procedures. The tape bonds strongly to the TREMproof Amphibia membrane sealing overlaps and creating a watertight bond.

### FEATURES & BENEFITS

- Conformable fleece backing coated with butyl-hybrid adhesive seals and prevents water intrusion.
- Fleece backing bonds mechanically with concrete and shotcrete.
- Adhesive has low and high temperature flexibility and adhesion.
- Bonds to a wide variety of common substrates such as EPDM, SBS, TPO, metal and wood

### PACKAGING

Roll Dimensions: 6in x 75ft (15.2cm x 22.9m)  
8 rolls per box

### AVAILABILITY

TREMCO BG Grip Tape is immediately available from your local Tremco Sales Representative. For Distributor locations, visit [www.tremcosealants.com](http://www.tremcosealants.com).

### 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 refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

### TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Thickness w/o liner	ASTM D1777	26 mils
Tensile Strength	ASTM D882	15 lbf/in
Elongation	ASTM D882	>700%
Application Temperature		0°F to 170°F (-17°C to 76° C)

Tremco Commercial Sealants & Waterproofing | [tremcosealants.com](http://tremcosealants.com)

0621/TBGGTDS

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