



TECHNICAL DATA SHEET

TREMproof®
PrePly™

Chemically Adhered, Sheet-
Applied Blindsided Waterproofing
Membrane

PRODUCT DESCRIPTION

TREMproof® PrePly™ is a pre-applied waterproofing membrane created specifically for blindsided, zero-lot line, and below slab on grade waterproofing applications. TREMproof PrePly is composed of an HDPE sheet combined with a weather resistant adhesive, creating a robust, water tight, membrane ideal for even the most critical projects. Designed with the applicator in mind, PrePly's laps include an integrated adhesive edge, allowing for a simple seaming solution.

BASIC USES

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

FEATURES & BENEFITS

- Impermeable membrane with no side seepage of water is highly resistant to hydraulic load, and acceptable for use in hydrostatic conditions.
- The unique adhesive coating allows the membrane to bond directly to wet concrete and Shot-crete, allowing the membrane to fully bond to the structure and removing potential for lateral water migration between the membrane and the concrete.
- Adhesive edges allow for easy, watertight seaming.
- The membrane is designed for both horizontal and vertical applications, allowing for immediate foot traffic after placement and eliminating the need for additional membranes on site.
- Can be applied in cold temperatures to expand the seasonal window for installation.
- Compatible with approved Tremco TREMproof®, ExoAir® and TREMDrain® solutions to provide a continuous building envelope.

PACKAGING

Roll Dimensions: 48" x 100' roll (1.2m x 33.2m)

AVAILABILITY

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

STORAGE

Store in a dry place protected from UV and humidity, preferably horizontally. Do not double stack pallets.

NOTE: In the event of pre-applied horizontal installations that are exposed to rain, dew, and moisture, where no suitable protective screed has been placed can lead to the formation of gel on the surface, making it slippery.

LIMITATIONS

- Reinforced concrete structures need to be designed to withstand hydrostatic pressures.
- Do not leave exposed for longer than 90 days.

- Store in a dry place protected from UV and humidity, preferably horizontally. Do not double stack pallets.

WARRANTY

A repair or replacement warranty is available on all Tremco Products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION	
Color	White	
PROPERTY	TEST METHOD	VALUES US
Thickness	ASTM D3767	0.048 in./1.2 mm
Lateral Water Migration	ASTM D5385 ¹	Pass at 231 ft (71 m) of hydrostatic pressure
Resistance to Hydrostatic Head	ASTM D5358	231 ft (71 m)
Tensile Strength	ASTM D412	3000 psi (20.7 Mpa)
Elongation	ASTM D412	800%
Low Temp Flexibility at -20 °F (-29 °C)	ASTM D1970	Unaffected, Passed
Crack Cycling	ASTM C1305/ C836	Unaffected, Passed
Puncture Resistance	ASTM E154	225 lbf (1000 N)
Environmental Stress Resistance	ASTM D1693	Pass
Peel Adhesion to Concrete	ASTM D903	20 lbf/in (3502.5 N/m)
Peel Adhesion to Concrete After Immersed in TCE, PCE, BTEX and Acid & Alkaline Solution	ASTM D903	Retain >85%
Lap Peel Adhesion	ASTM D1876	10 lbf/in (1750 N/m)
Lap Peel Adhesion to Concrete After Immersed in TCE, PCE, BTEX and Acid & Alkaline Solution	ASTM D1876	Retain >55%
Bonded Seam Strength	ASTM D882	>95 lbf
Permeance to Water Vapor Transmission	ASTM E96, Method B	<0.03 perms

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.

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Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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