

## Product Description

The Permaphalt™ System is an economical traffic-bearing system designed to provide long-term performance of the waterproofing membrane and a heavy-duty, skid-resistant driving surface.

It incorporates a totally monolithic waterproof system with an asphalt surface to provide permanent protection and a durable wearing surface, while reducing required maintenance. Its unique composition also ensures reduced probability of damage from "hard" snow removal equipment. Any damage that does occur is easier to repair utilizing asphaltic patching techniques similar to patching roads.

The System is comprised of TREMproof® 6145 Hot-Applied Rubberized Asphalt Waterproofing Membrane, TREMprime WB Primer, Tremco 2178 Asphaltic Glass-Ply sheeting and 2014 Reinforcing Fabric (Reemay).

The TREMproof 6145 Waterproofing Membrane is a hot-applied rubberized asphalt specifically formulated to provide optimum performance as a traffic-bearing membrane. The monolithic membrane possesses low temperature crack-bridging characteristics and creates a positive bond to eliminate lateral water migration which can lead to serious damage from freeze-thaw action and by carrying corrosive salts to the reinforcing steel. With no cure time, it also eliminates delays for other trades.

The TREMprime WB Primer is a low-VOC, asphalt-based primer for use in preparing porous and non-porous surfaces.

The Tremco 2178 Sheeting is an asphaltic impregnated glass ply which is fused to the waterproofing membrane to provide additional stability and protection before and during the application of the asphalt pavement.

## Basic Uses

The Permaphalt System is utilized primarily in outdoor, element-exposed parking applications above enclosed spaces. These include the top levels of parking facilities, exposed parking areas over occupied space (such as offices, medical facilities, etc.) and other areas where heavy vehicular traffic may be allowed to pass over utilized space and extreme wear, such as from snow removal equipment, may occur.

Additional applications for this system include athletic courts, jogging tracks and similar scenarios where asphaltic surfaces are traditionally utilized, or other non-traditional applications such as rooftop helicopter pads where extreme abrasion may occur. Contact Technical Service for advice and approval before any bid utilizing this system is submitted for these applications.

## Availability

Immediately available from your local Tremco Sales Representative or Distributor. For Distributor locations, visit [www.tremcosealants.com](http://www.tremcosealants.com).

## Packaging

TREMproof 6145 - 50-lb (22.7-kg) boxes, 40 boxes/pallet.

Also available in 500-lb (227-kg) drums, 4 drums/pallet, upon request.

TREMprime WB - 5-gal (US) (19-L) pail

Tremco 2178 Glass Mat - 3 ft (.91 m) x 180 ft (54.6 m) roll, totaling 540 ft<sup>2</sup> (49.7 m<sup>2</sup>)

2014 Reinforcing Fabric (Reemay) - 3 ft (.91 m) x 675 ft (205 m) rolls, totaling 2025 ft<sup>2</sup> (1677 m<sup>2</sup>)

## Colors

Black

## Limitations

- The Permaphalt System should not be installed in fully enclosed parking areas.
- Install systems in areas with adequate ventilation.
- Do not install on improperly prepared, damp and contaminated surfaces or surfaces that have not been sloped properly.

## 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 Products 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	
Type	Hot applied rubberized asphalt	
Color	Black	
Solids	100%	
Application	Mop/Trowel/Squeegee	
Cure Time	24 hr	
Thickness	Minimum 215 mils (wet), 215 mils (dry)	
PROPERTY	TEST METHOD	TYPICAL VALUES
Maximum V.O.C.	Method 310	0 g/L
Flash Point	ASTM D92 Minimum 500 °F (260 °C)	521 °F (272 °C)
Cone Penetration at 77 °F (25 °C), 0.43" (11.0 mm) maximum at 122 °F (50 °C), 0.78" (20.0 mm) maximum	ASTM D5329 at 77 °F (25 °C) at 122 °F (50 °C)	0.19" (4.9 mm) 0.47" (12.0 mm)
Water Vapor Permeance 1.7 ng/Pa*s*m <sup>2</sup> maximum	ASTM C836; ASTM E96 Dry Cup	.85 ng/Pa*s*m <sup>2</sup>
Ratio of Toughness to Peak Load at 77 °F (25 °C), 0.04 minimum	CAN/CGSB 37.50-M89; Section 4.5	0.06
Water Absorption 0.012 oz (0.35 g) maximum	CAN/CGSB 37.50-M89; Section 4.8	0.003 oz (0.11 g)
Low Temperature Flexibility	CAN/CGSB 37.50-M89; Section 4.10	Pass

### 0316/PERMAPHALTDS-BG

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