

TeraPROOF™ 60SA Membrane

Commercial Product Data Sheet

Description:

Siplast® TeraPROOF™ 60SA Membrane is a nominal 60-mil self-adhesive waterproofing membrane with a high-temperature stable and low-temperature application butyl adhesive and a split siliconized release liner. The membrane is flexible and primerless, designed as a post-applied waterproofing membrane for below-grade applications.

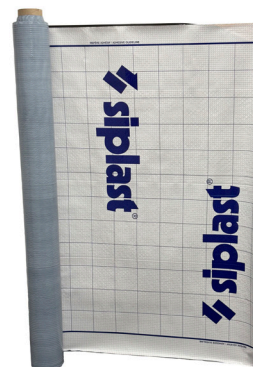
Application:

Refer to the Siplast® Installation Guide for detailed application information of TeraPROOF™ 60SA Membrane.



Product & Packaging:

Composition		Polyethylene topsheet Reinforcement film and grid Butyl adhesive Siliconized release liner
Product Dimensions	Thickness	60 mils (1.5 mm)
	Roll Size	38 lbs (17 kg) 59 in. x 40 ft. (1.5m x 12.2m) 200 sq. ft. (18.6 sq. m)
Packaging	Rolls Per Pallet	25



Features:



Apply to 20°F



6 Months UV

Codes & Compliance:



Storage and Handling:

TeraPROOF™ 60SA Membrane should be stored between 40°F - 90°F on a clean, flat surface in dry conditions out of direct exposure to the elements. Pallets should not be double stacked. Material should be handled so that it remains dry prior to and during installation. Use appropriate safety equipment and job-site controls during application and handling. Dispose of unused product and containers in accordance with local, state and federal regulations.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

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Physical and Mechanical Properties:

Property (as Manufactured)	Test Method	Min. Value	Typical Values
Thickness	ASTM D5147	N/A	60 mils nominal
Tensile Strength @ 73.4°F (23°C)	ASTM D882	Report	MD: 46 lbf/in XD: 36 lbf/in
Elongation @ Peak Load 73.4°F (23°C)	ASTM D412	≥ 25% per AC 527	MD (Reinforced): 108% – Pass XD (Reinforced): 266% – Pass
Puncture Resistance	ASTM E154 Section 10	≥80 lbf per AC 527	93 lbf
Tear Resistance	ASTM D624	Report	MD: 108 lbf XD: 13 lbf
Resistance to Decay	ASTM E154	<10% from Control	Pass
Lap T-Peel Strength	ASTM D1876	≥5 lbf/in per AC 527	Side Lap – 8 lbf without primer End Lap – 6 lbf without primer
Adhesion to Concrete/Masonry	ASTM D903	≥5 lbf/in per AC 527	22 lbf without primer
Adhesion to Concrete Masonry, Immersed	ASTM D903	N/A	7 lbf/in without primer
Hydrostatic Pressure Resistance	ASTM D5385	Report	>115 m (377 ft)
Water Absorption (maximum)	ASTM D570	≤3% per AC 527	0.2%
Water Vapor Permeance	ASTM E96 Method B	≤0.1 perms per AC 527	0.035 perms
Low Temperature Flexibility (maximum)	ASTM D1970	No cracking	-20°F (-29°C)
Crack cycling at -25°F (-32°C)	ASTM C836	No cracking	Pass
Methane Gas Permeability	ASTM D1434	Report	4.86*10 ⁻⁷ ft ² /hr (1.25*10 ⁻⁷ cm ² /sec)
Below Grade Waterproofing Acceptance Criteria	AC527	Pass all criteria	Pass

Data is based upon typical product performance and is subject to normal manufacturing and packaging tolerance and variation.