

Commercial Product Data Sheet

Product Description

Teranap is a high performance modified bitumen waterproofing ply designed for use in homogeneous multi-layer modified bitumen plaza deck waterproofing membrane systems. Teranap consists of a nonwoven polyester mat impregnated and coated with high quality styrene-butadiene-styrene (SBS) modified bitumen. The surface of the sheet is protected by a polyester film.

Product Uses

Teranap is the surface sheet in multi-layer plaza deck waterproofing systems, and is lapped 6 inches (15.2 cm) side and end. Teranap is torch applied to approved substrates. Contact Siplast for specific approval on other product uses.

Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at www.Siplast.com.

COMMERCIAL PRODUCT INFORMATION

Unit:	Roll		
Coverage:	4.0 Squares	(38.1 m ²)	
Coverage Weight Per Square:	Min: 105 lb	(5.1 kg/m ²)	
Roll Length:	Min: 65.6 ft	(20 m)	
Roll Width:	Avg: 6.56 ft	(2.00 m)	
Thickness:	Avg: 157 mils	(4.0 mm)	
	Min: 154 mils	(3.9 mm)	
Selvage Width: 6 inches (152 mm)			
Selvage Surfacing: Polyolefin Film			
Top Surfacing: Polyester Film			
Back Surfacing: Silica Parting Agent			

Packaging: Rolls are wound onto a compressed paper tube. The rolls are placed upright in open-topped crates cushioned with cardboard and polystyrene.

Crate: 48 in X 48 in X 48 in open-topped wooden crate
Number Rolls Per Crate: 9
Number Crates Per Truckload: 10
Shipping Weight Per Roll: 418 lb (189.6 kg)

Storage and Handling: All Siplast roll waterproofing products should be stored on end on a clean flat surface. Care should be taken that rolls are not dropped on ends or edges and are not stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All waterproofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Material should be handled in such a manner as to ensure that it remains dry prior to and during installation.

TERANAP

Physical and Mechanical Properties

Property (as Manufactured)	Values/Units	Test Method
Thickness (minimum)	154 mils (3.9 mm)	ASTM D 5147 section 5
Thickness (average)	157 mils (4.0 mm)	ASTM D 5147 section 5
¹ Peak Load @ 73°F (average)	60 lbf/inch (10.5 kN/m)	ASTM D 5147 section 6
¹ Peak Load @ 0°F (average)	95 lbf/inch (16.6 kN/m)	ASTM D 5147 section 6
¹ Elongation @ Peak Load, 73°F (average)	65%	ASTM D 5147 section 6
¹ Elongation @ Peak Load, 0°F (average)	40%	ASTM D 5147 section 6
¹ Elongation at 5% Peak Load @ 73°F (average)	95%	ASTM D 5147 section 6
¹ Tear Strength (average)	100 lbf (0.45 kN)	ASTM D 5147 section 7
Water Absorption (maximum)	1%	ASTM D 5147 section 9
Dimensional Stability (maximum)	<1%	ASTM D 5147 section 10
Low Temperature Flexibility (maximum)	-13°F (-25°C)	ASTM D 5147 section 11
High Temperature Stability (minimum)	225°F (107°C)	ASTM D 5147 section 15

1. The value reported is the lower of either MD or XD.