

# TERANAP - 1M SAND



## Commercial Product Data Sheet

### Product Description

Teranap 1M Sand 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 top and bottom surfaces of the sheet are covered with a silica parting agent.

### Product Uses

Teranap 1M Sand is the surface sheet in multi-layer plaza deck waterproofing systems, and is lapped 4 inches (10.2 cm) side and end. Teranap 1M Sand can be applied with a torch, PA-311 Adhesive, or hot asphalt to approved substrates. Contact Siplast for specific approval on other product uses.

Teranap 1M Film meets or exceeds the requirements of ASTM D 6164 Type I, Grade S, and CGSB 37-GP-56M Type 2, Class C, Grade 2 for SBS-modified bituminous sheet materials using a polyester reinforcement.

*Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Canada Web site at [www.Siplast.ca](http://www.Siplast.ca).*

### COMMERCIAL PRODUCT INFORMATION

Unit:	Roll		
Coverage:	0.75 Square	(7.0 m <sup>2</sup> )	
Weight Per Square:	Min: 116 lb	(5.7 kg/m <sup>2</sup> )	
Roll Length:	Min: 26.0 ft	(7.92 m)	
Roll Width:	Avg: 3.28	(1.00 m)	
Thickness:	Avg: 157 mils	(4.0 mm)	
	Min: 154 mils	(3.9 mm)	
Selvage Width:	N/A		
Selvage Surfacing:	Silica Parting Agent		
Top Surfacing:	Silica Parting Agent		
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. The top of the palletted rolls is covered with foilized Kraft paper. The palletted material is protected by a heat shrink polyethylene shroud.

**Pallet:** 41 in X 48 in (104 cm X 122 cm) wooden pallet  
**Number Rolls Per Pallet:** 25  
**Number Pallets Per Truckload:** 18  
**Minimum Shipping Weight Per Roll:** 87 lb (39.5 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.

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## Physical and Mechanical Properties

<b>Property (as Manufactured)</b>	<b>CGSB Test Method</b>	<b>ASTM Test Method</b>
Roll Size	7.92 m x 1 m (26.0 ft x 3.28 ft)	7.92 m x 1 m (26.0 ft x 3.28 ft)
Thickness (minimum)	N/A	154 mils (3.9 mm)
Thickness (average)	N/A	157 mils (4.0 mm)
Minimum Weight per Roll	N/A	87 lb (39.5 kg)
Low Temperature Flexibility	-25°C (-13°F)	-13°F (-25°C)
<sup>1</sup> Tensile Strength or Peak Load at 73°F (23°C) (average)	785 N / 5 cm	65 lbf/in (11.4 kN/m)
<sup>1</sup> Elongation at Peak Load at 73°F (23°C) (average)	65%	65%
<sup>1</sup> Ultimate Elongation at 73°F (23°C) (average)	100%	100%
Static Puncture	> 25 kg	N/A
Dimensional Stability (maximum)	0.5%	0.5%

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