



PRO BASE TG

Commercial Product Data Sheet

Pro Base TG is a high performance torch grade modified bitumen base ply specifically designed for use in Parapro Roof Membrane Systems. Pro Base TG consists of a lightweight random fibrous glass mat impregnated and coated with high quality styrene-butadiene-styrene (SBS) modified bitumen. The unique top surface is factory coated with a proprietary Syntan® acrylic coating, and the back surface is coated with a high performance modified asphalt adhesive layer specifically formulated for torch applications.

Contact Siplast for information on approved product uses.

USES: BASE PLY

PRODUCT INFORMATION

Standards	ASTM D6163 Type I, Grade S
Roll Length	Min: 33.5 ft (10.21 m)
Roll Width	Avg: 3.28 ft (1.0 m)
Coverage	1.0 Square (9.3 m ²)
Coverage Weight Per Square	Min: 73 lb (3.6 kg/m ²)
Thickness	Avg: 114 mils (2.9 mm) Min: 110 mils (2.8 mm)
Laying Lines	3 in (76 mm) & 4 in (10.2 mm) Line Color: Blue
Top Surfacing	Syntan Acrylic Coating
Back Surfacing	Polyolefin Film
Product Options	RoofTag

Application

Refer to the applicable Siplast Technical Guide for detailed application information and slope limitations. Pro Base TG is lapped 3 inches (76 mm) side and end.



Storage and Handling

All Siplast roll roofing products should be stored on end on a clean, flat surface. Rolls should not be dropped on ends or edges or stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing products should be stored in a dry place out of direct exposure to the elements and should not be double stacked. Material should be handled so that it remains dry prior to and during installation.

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

Packaging

Pallet: 41 in x 48 in (104 cm x 122 cm) wooden pallet
Rolls Per Pallet: 25
Pallets Per Truckload: 18
Minimum Roll Weight: 73 lb (33.1 kg)

Listings, Approvals, & Certifications



U.S. TEST STANDARDS

Property (as Manufactured)	Values / Units	Test Method
Thickness (minimum)	110 mils (2.8 mm)	ASTM D5147 Section 6
Thickness (average)	114 mils (2.9 mm)	ASTM D5147 Section 6
*Peak Load @ 73.4°F (23°C) (average)	30 lbf/inch (5.3 kN/m)	ASTM D5147 Section 7
*Peak Load @ 0°F (-18°C) (average)	75 lbf/inch (13.2 kN/m)	ASTM D5147 Section 7
*Elongation @ Peak Load 73.4°F (23°C) (average)	3%	ASTM D5147 Section 7
*Elongation @ Peak Load 0°F (-18°C) (average)	3%	ASTM D5147 Section 7
*Ultimate Elongation @ 73.4°F (23°C) (average)	50%	ASTM D5147 Section 7
*Tear Strength (average)	40 lbf (0.18 kN)	ASTM D5147 Section 8
Water Absorption (maximum)	1%	ASTM D5147 Section 10
Dimensional Stability (maximum)	0.1%	ASTM D5147 Section 11
Low Temperature Flexibility (maximum)	-15°F (-26°C)	ASTM D5147 Section 12
Compound Stability (minimum)	250°F (121°C)	ASTM D5147 Section 16
Coating Thickness – Back Surface	≥40 mils (1 mm)	ASTM D5147 Section 17
Cyclic Fatigue	Pro Base TG bonded to an acceptable Parapro Roof Membrane cap sheet, with an approved method of attachment, passes ASTM D5849 both as manufactured and after heat conditioning, according to ASTM D5147.	
*The value reported is the lower of either MD or XD.		

CANADA TEST STANDARDS

Property (as Manufactured)	Values / Units	Test Method
Thickness (minimum)	2.8 mm (110 mils)	CSA A123.23-15
Thickness (average)	2.9 mm (114 mils)	CSA A123.23-15
*Peak Load @ 23°C (73.4°F) (average)	5.3 kN/m (30 lbf/inch)	CSA A123.23-15
*Peak Load @ -18°C (0°F) (average)	13.2 kN/m (75 lbf/inch)	CSA A123.23-15
*Elongation @ Peak Load 23°C (73.4°F) (average)	3%	CSA A123.23-15
*Elongation @ Peak Load -18°C (0°F) (average)	3%	CSA A123.23-15
*Ultimate Elongation @ 23°C (73.4°F) (average)	50%	CSA A123.23-15
Dimensional Stability (maximum)	0.1%	CSA A123.23-15
Low Temperature Flexibility (maximum)	-26°C (-15°F)	CSA A123.23-15
Compound Stability (minimum)	121°C (250°F)	CSA A123.23-15
Coating Thickness – Back Surface	1 mm (≥40 mils)	CSA A123.23-15
Mass Per Unit Area (minimum)	3.6 kg/m ² (73 lb/sq)	CSA A123.23-15
*The value reported is the lower of either MD or XD.		