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PARAFOR® 50 TG

Commercial Product Data Sheet

Parafor 50 TG is the modified bitumen finish ply designed for use in single layer and multi-layer modified bitumen roof membrane systems and can also be used as a flashing sheet. Parafor 50 TG consists of a fiberglass scrim/polyester mat impregnated and coated with high quality styrene-butadiene-styrene (SBS) modified bitumen and is surfaced with ceramic granules. The back of the sheet is coated with a modified bitumen asphalt layer specifically formulated for torch application, is embossed with a grooved pattern, and is surfaced with a polyolefin burn-off film.

Contact Siplast for information on approved product uses.

USES:
FINISH PLY
FLASHING SHEET

Standards	ASTM D6162 Type II, Grade G; CSA A123.23-15 Type C, Grade 1
Roll Length	Min: 25.60 ft (7.80 m)
Roll Width	Avg: 39.4 in (1.0 m)
Coverage	0.74 Square (74.0 ft²) (6.9 m²)
Coverage Weight Per Square	Min: 140 lb (6.9 kg/m²)
Selvage Width	Avg. 3.15 in (80 mm) Blue laying line is 4 in (102 mm) from the edge of the sheet.
Selvage Surfacing	Polyolefin Burn-off Film
Top Surfacing	No. 11 Ceramic Granules (Standard color finish is #A-720 White.)
Back Surfacing	Polyolefin Film
Product Options	RoofTag, BW Granules, Eco Activ Granules, Special Colors

PRODUCT INFORMATION

Application

Refer to the Siplast Technical Guide for detailed application information and slope limitations. Parafor 50 TG is lapped 4 inches (102 mm) at sides and 6 inches (152 mm) at ends.

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: 20
Pallets Per Truckload: 18
Minimum Roll Weight: 109 lb (49.4 kg)

Listings, Approvals, & Certifications

c UL us LISTED FM APPROVED

Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.
FM Approved - Refer to RoofNav.com for specific assemblies.

Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at www.siplast.com
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PARAFOR® 50 TG
Physical and Mechanical Properties

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U.S. TEST STANDARDS

Property (as Manufactured)	Values / Units		Test Method
Thickness (average)	181 mils (4.6 mm)		ASTM D5147 Section 6
*Thickness at Selvage	157 mils (4.0 mm) avg.	153 mils (3.9 mm) min.	ASTM D5147 Section 6
**Peak Load @ 73.4ºF (23ºC) (average)	80 lbf/inch (14.0 kN/m)		ASTM D5147 Section 7
**Peak Load @ 0ºF (-18ºC) (average)	125 lbf/inch (21.9 kN/m)		ASTM D5147 Section 7
**Elongation @ Peak Load 73.4ºF (23ºC) (average)	40%		ASTM D5147 Section 7
**Elongation @ Peak Load 0ºF (-18ºC) (average)	40%		ASTM D5147 Section 7
**Ultimate Elongation @ 73.4ºF (23ºC) (average)	100%		ASTM D5147 Section 7
**Tear Strength (average)	100 lbf (0.45 kN)		ASTM D5147 Section 8
Water Absorption (maximum)	1%		ASTM D5147 Section 10
Dimensional Stability (maximum)	0.5%		ASTM D5147 Section 11
Low Temperature Flexibility (maximum)	-5ºF (-21ºC)		ASTM D5147 Section 12
Granule Embedment	1.5 grams per sample Max. avg. loss	2.0 grams per sample Max. individual loss	ASTM D5147 Section 15
Compound Stability (minimum)	250°F (121°C)		ASTM D5147 Section 16
*Measured on the selvage edge excluding the granule surfacing. **The value reported is the lower of either MD or XD.	PRI VALIDATION PROGRAM	The above properties have been validated by PRI and are under continuous surveillance. The product has been validated to meet ASTM D6162-08, Type II, Grade G.	

CANADA TEST STANDARDS

Property (as Manufactured)	Values / Units		Test Method
Thickness (average)	4.6 mm (181 mils)		CSA A123.23-15
*Thickness at Selvage	4.0 mm (157 mils) avg.	3.9 mm (153 mils) min.	CSA A123.23-15
**Peak Load @ 23ºC (73.4ºF) (average)	14.0 kN/m (80 lbf/inch)		CSA A123.23-15
**Peak Load @ -18ºC (0ºF) (average)	21.9 kN/m (125 lbf/inch)		CSA A123.23-15
**Elongation @ Peak Load 23ºC (73.4ºF) (average)	40%		CSA A123.23-15
**Elongation @ Peak Load -18ºC (0ºF) (average)	40%		CSA A123.23-15
**Ultimate Elongation @ 23ºC (73.4ºF) (average)	100%		CSA A123.23-15
Strain Energy (before and after conditioning) @ 23°C (73.4°F) @ -18°C (0°F)	≥ 5.5 kN/m (≥ 31 lbf/in) ≥ 3.0 kN/m (≥ 17 lbf/in)		CSA A123.23-15
Dimensional Stability (maximum)	0.5%		CSA A123.23-15
Low Temperature Flexibility (maximum)	-21ºC (-5ºF)		CSA A123.23-15
Granule Embedment	1.5 grams per sample Max. avg. loss	2.0 grams per sample Max. individual loss	CSA A123.23-15
Compound Stability (minimum)	121ºC (250ºF)		CSA A123.23-15

*Measured on the selvage edge excluding the granule surfacing.
**The value reported is the lower of either MD or XD.