

PARAFOR 50 WS



Commercial Product Data Sheet

Product Description

Parafor 50 WS is a high performance, modified bitumen finish ply designed for use as single ply modified bitumen roof membrane system. Parafor 50 WS consists of a fiberglass scrim/polyester mat composite impregnated and coated with high quality styrene-butadiene-styrene (SBS) modified bitumen, and surfaced with ceramic granules.

Product Uses

Parafor 50 WS is a mechanically attached single ply roofing system. Parafor WS is applied on slopes greater than 5%. Membranes are lapped 20.3 cm (8 inches) at sides (selvage) and 30.5 cm (12 inches) at ends. Contact Siplast for specific approval on other product uses.

Product Approvals

Parafor 50 WS is approved by Underwriters Laboratories for use in cUL_{us} Classified Parafor 50 WS roof systems. Parafor 50 WS has been classified as a Class C roofing system over combustible, non-combustible, and insulated combustible decks.

Parafor 50 WS meets or exceeds the requirements of ASTM D 6164 Type I, Grade G, and CGSB Type 1, Class A, Grade 2 for SBS-modified bituminous sheet materials using a polyester reinforcement.

Siplast roofing systems also have received the approval of many regional and local authorities. Please contact Siplast for specific information as required.

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

COMMERCIAL PRODUCT INFORMATION

Unit:	Roll	
Coverage:	0.6 Square	(6.2 m ²)
Coverage Weight Per Square:	Min: 177 lb	(8.6 kg/m ²)
Roll Length:	Min: 26.25 ft	(8.00 m)
Roll Width:	Avg: 3.28 ft	(1.00 m)
Thickness:	Avg: 173 mils	(4.4 mm)
Thickness at Selvage:	Avg: 157 mils	(4.0 mm)
	Min: 154 mils	(3.9 mm)
Selvage Width:	Avg: 8 in	(20.3 cm)

Selvage Surfacing: Silica Parting Agent

Top Surfacing: No. 11 ceramic granules, standard color finishes are Grey #9 and Brown #6. Contact Siplast for other available colors.

Back Surfacing: Silica Parting Agent

Lines: A laying line is placed 20.3 cm (8 in) from selvage edge of the material. The line color for this material is blue.

Packaging: Rolls are wound onto a compressed paper tube. The rolls are placed upright on ends opposite the selvage on pallets cushioned with corrugated cardboard and are adhered with adhesive at the labels. The top of the palleted rolls is covered with foiled Kraft paper. The palleted material is protected by a heat shrink polyethylene shroud.

Pallet: 104 cm X 122 cm (41 in X 48 in) wooden pallet.
Number Rolls Per Pallet: 20
Number Pallets Per Truckload: 18
Roll Weight: 45.8 kg (101 lb)

Storage and Handling: All Siplast roll roofing 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 roofing 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.

PARAFOR 50 WS

Physical and Mechanical Properties

Property (as Manufactured)	CGSB Test Method	ASTM Test Method
Roll Size	8.00 m x 1 m (26.25 ft x 3.28 ft)	8.00 m x 1 m (26.25 ft x 3.28 ft)
Average Total Thickness	N/A	4.0 mm (157 mils)
Thickness at selvage (minimum) (average)	N/A	3.9 mm (154 mils) 4.0 mm (157 mils)
Minimum Weight per Roll	N/A	48.1 kg (106 lb)
Low Temperature Flexibility	-25°C (-13°F)	-20°C (-11°F)
¹ Tensile Strength or Peak Load @ 73°F (23°C) (average)	785 N/5 cm	65 lbf/inch (11.4 kN/m)
¹ Elongation at Peak Load @ 73°F (23°C) (average)	60%	60%
¹ Elongation at 5% Peak Load @ 73°F (23°C) (average)	150%	150%
Static Puncture	> 25 Kg	N/A
Granule Embedment Max avg. loss Max. individual loss	N/A	1.5 grams per sample 2.0 grams per sample
Dimensional Stability (maximum)	0.5%	0.5%

Test methods and tolerances: CGSB 37-GP-56M (1980), ASTM D 5147, and ASTM D 146 (weight)

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