



**USES:
FINISH PLY
FLASHING SHEET**

PARAFOR® 30 BW

Commercial Product Data Sheet

Parafor 30 BW is the modified bitumen finish ply of the Paradiene 20/Parafor 30 BW System. Designed for use in homogeneous multi-layer modified bitumen roof membrane systems, Parafor 30 BW consists of a fiberglass scrim/polyester mat composite impregnated and coated with high quality styrene-butadiene-styrene (SBS) modified bitumen, and is surfaced with highly reflective, white mineral granules.

Contact Siplast for information on approved product uses.

PRODUCT INFORMATION

Application

Refer to the Siplast Technical Guide for detailed application information and slope limitations. Parafor 30 BW is lapped 3 inches (76 mm) at sides and 6 inches (152 mm) at ends.



Storage and Handling

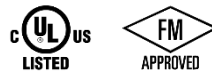
All Siplast roll roofing products should be stored on end on a clean, flat surface. Rolls should not be dropped on ends or edges or stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing products should be stored in a dry place out 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: 104 lb (47.1 kg)

Listings, Approvals, & Certifications



Standards	ASTM D6162 Type II, Grade G; CSA A123.23-15 Type C, Grade 1
Roll Length	Min: 32.8 ft (10.0 m)
Roll Width	Avg: 3.28 ft (1.00 m)
Coverage	1.0 Square (9.3 m ²)
Coverage Weight Per Square	Min: 104 lb (5.0 kg/m ²)
Selvage Width	Avg. 3 in (76 mm) Orange laying line is 3 in (76 mm) from the edge of the sheet.
Selvage Surfacing	Silica Parting Agent
Top Surfacing	Bright White Mineral Granules
Back Surfacing	Silica Parting Agent
Product Options	RoofTag

U.S. TEST STANDARDS

Property (as Manufactured)	Values / Units	Test Method
Thickness (average)	161 mils (4.1 mm))	ASTM D5147 Section 6
Thickness at Selvage	122 mils (3.1 mm) avg. 118 mils (3.0 mm) min.	ASTM D5147 Section 6
*Peak Load @ 73.4°F (23°C) (average)	80 lbf/inch (14.0 kN/m)	ASTM D5147 Section 7
*Peak Load 0°F (-18°C) (average)	125 lbf/inch (21.9 kN/m)	ASTM D5147 Section 7
*Elongation @Peak Load 73.4°F (23°C)	40%	ASTM D5147 Section 7
*Elongation @ Peak Load 0°F (-18°C) (average)	40%	ASTM D5147 Section7
*Ultimate Elongation @ 73.4°F (23°C)	90%	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)	-15°F (-26°C)	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
Solar Reflectance (Avg), Thermal Emittance (Avg)	0.74, 0.91	ASTM C1549, ASTM C1371
Solar Reflectance Index (Avg)	92	ASTM E1980
Cyclic Fatigue	Parafor 30 BW utilized as a single-layer membrane or bonded to an acceptable Paradiene 20 base ply, 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 (average)	161 mils (4.1 mm)	CSA A123.23-15
Thickness at Selvage	3.1 mm (122 mils) avg. 3.0 mm (118 mils) min	CSA A123.23-15
*Peak Load @ 23°C (73.4°F) (average)	14.0 kN/m (80 lbf/inch)	CSA A123.23-15
*Peak Load @ -18°C (0°F)	21.9 kN/m (125 lbf/inch)	CSA A123.23-15
*Elongation @ Peak Load 23°C (73.4°F) (average)	40%	CSA A123.23-15
*Elongation @ Peak Load - 18°C (0°F) (average)	40%	CSA A123.23-15
*Ultimate Elongation @ 23°C (73.4°F)	90%	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)	-26°C (-15°F)	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)	121°C (250°F)	CSA A123.23-15
Mass Per Unit Area (minimum)	5.0 kg/m ² (104 lb/sq)	CSA A123.23-15

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