



## PARAFOR® 30 SA BW

### Commercial Product Data Sheet

Parafor® 30 SA BW is a modified bitumen finish ply and flashing sheet of the Siplast Self-Adhesive System. Designed for use in homogeneous multi-layer modified bitumen roof membrane systems, Parafor 30 SA BW 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 surface of the sheet is coated with a self-adhesive SBS bitumen layer and is lined with a high strength polyolefin release film.

Contact Siplast for information on approved product uses.

**USES:  
FINISH PLY  
FLASHING SHEET**

### PRODUCT INFORMATION

Standards	ASTM D6162 Type II, Grade G; CSA A123.23-15 Type C, Grade 1	
Roll Length	Min: 25.3 ft (7.7 m)	
Roll Width	Avg: 39.4 in (1.0 m)	
Coverage	0.75 Square (75.8 ft <sup>2</sup> ) (7.0 m <sup>2</sup> )	
Coverage Weight Per Square	Min: 116.1 lb (5.7 kg/m <sup>2</sup> )	
Selvage Width	Top Avg: 3 in (79 mm)	Bottom Avg: 3 in (76 mm)
Selvage Surfacing	Polyolefin Burn-Off Film	
Top Surfacing	Bright White Mineral Granules	
Back Surfacing	Polyolefin Release Film	

#### Application

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



#### Storage and Handling

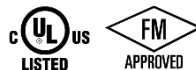
All Siplast roll roofing products should be stored on end on a clean, flat surface. Rolls should not be dropped on ends or edges or stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing products should be stored in a dry place out 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: 25  
 Pallets Per Truckload: 18  
 Minimum Roll Weight: 88 lb (40 kg)  
 Max Pallet Weight (Typical): 2575 lb (1168 kg)

#### Listings, Approvals, & Certifications



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.  
 Meets or Exceeds CSA A123.23.

Current copies of all Siplast Commercial Product Data Sheets are posted on our website at [www.siplast.com](http://www.siplast.com)

### U.S. TEST STANDARDS

Property (as Manufactured)	Values / Units		Test Method
Thickness (average)	165 mils (4.2 mm)		ASTM D5147 Section 6
Thickness at Selvage	122 mils (3.2 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) (average)	40%		ASTM D5147 Section 7
*Elongation @ Peak Load 0°F (-18°C) (average)	40%		ASTM D5147 Section 7
*Ultimate Elongation @ 73.4°F (23°C) (average)	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
Cyclic Fatigue	Parafor 30 SA BW is utilized as a single-layer membrane or bonded to an acceptable Pro Base base ply, with an approved method of attachment, passes ASTM D5849 both as manufactured and after heat conditioning according to ASTM D5147.		

### CANADIAN TEST STANDARDS

Property (as Manufactured)		CSA A123.23 Requirement	Tested Value			
Thickness, min. – mm (mils)		2.8 (110)	4.0 (157)			
*Selvage Thickness, min. – mm (mils)		1.8 (70)	3.0 (118)			
Mass Per Unit Area, min – kg/m <sup>2</sup> (lbs/100 ft <sup>2</sup> )		2.9 (60)	5.7 (116)			
Back Surface Coating Thickness, min. – mm (mils)		1.0 (40)	1.0 (40)			
			Before Heat Conditioning MD/XD		After Heat Conditioning MD/XD	
Strain Energy, min. – kN/m (lbf/in)	@ 23 ± 2°C (73.4 ± 3.6°F)	5.5 (31)	5.5 (31)	5.5 (31)	5.5 (31)	5.5 (31)
	@ -18 ± 2°C (-4 ± 3.6°F)	3.0 (17)	3.0 (17)	3.0 (17)	3.0 (17)	3.0 (17)
Peak Load, min. – kN/m (lbf/in)	@ 23 ± 2°C (73.4 ± 3.6°F)	See Tested Value	14 (80)	14 (80)	13.5 (77)	14 (82)
	@ -18 ± 2°C (-4 ± 3.6°F)		22 (125)	22 (125)	21 (120)	22 (125)
Elongation @ Peak Load, %	@ 23 ± 2°C (73.4 ± 3.6°F)	See Tested Value	40	40	40	40
	@ -18 ± 2°C (-4 ± 3.6°F)		40	40	40	40
Ultimate Elongation @ 23 ± 2°C (73.4 ± 3.6°F), %		See Tested Value	90	90	65	68
Dimensional Stability, max., %		0.5%	0.5	0.5	0.2	0.1
Low Temperature Flexibility, max. – °C (°F)		-18 (-0.4)	-21 (-5)	-21 (-5)	-21 (-5)	-21 (-5)
Low Temperature Weathered Flexibility, max. – °C (°F)		-12 (10)	-12 (-10)	-12 (-10)	-12 (-10)	-12 (-10)
Compound Stability, min. – °C (°F)		91 (195)	121 (250)	121 (250)	121 (250)	121 (250)
Resistance to Puncture		Pass	Pass			
Granule Loss (Grade 1 only), max. – g (oz)		2.0 (0.07)	Pass			

Data is based upon typical product performance and is subject to normal manufacturing and packaging tolerance and variation.

\*Measured on the selvage edge excluding the granule surfacing.

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

**SOLAR REFLECTANCE / THERMAL EMITTANCE**

Property (as Manufactured)	Values	Test Method
Solar Reflectance (avg.)	0.74	ASTM C1549
Thermal Emittance (avg.)	0.91	ASTM C1371
Solar Reflectance Index (avg.)	92	ASTM E1980