



USES:
BASE PLY
BASE FLASHING PLY

PARAFOR® 20 TG

Commercial Product Data Sheet

Parafor 20 TG is the modified bitumen base ply designed for use in homogeneous multi-layer modified bitumen roof membrane systems. Parafor 20 TG consists of a fiberglass scrim reinforced/polyester mat composite impregnated and coated with high quality styrene-butadiene-styrene (SBS) modified bitumen. 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.

PRODUCT INFORMATION

Standards	ASTM D6162 Type 1, Grade S; CSA A123.23-15 Type C, Grade 3
Roll Length	Min: 32.3 ft (9.85 m)
Roll Width	Avg: 3.28 ft (1.00 m)
Coverage	1.0 Square (9.3 m ²)
Coverage Weight Per Square	Min: 71 lb (3.5 kg/m ²)
Laying Lines	3 in (76 mm) Line Color: White
Top Surfacing	Mineral Parting Agent
Back Surfacing	Polyolefin Burn-off Film

Application

Refer to the Siplast Technical Guide for detailed application information and slope limitations. Parafor 20 TG is lapped 3 inches (76 mm) side and end.



Storage and Handling

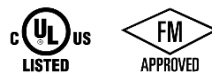
All Siplast roll roofing products should be stored on end on a clean, flat surface. Rolls should not be dropped on ends or edges or stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing products should be stored in a dry place out 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
 Minimum Roll Weight: 69 lb (31.5 kg)
 Max Pallet Weight (Typical): 2348 lbs (1065 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 & Safety Data Sheets are posted on our website at www.siplast.com
 Rev Date 4/2026

U.S. TEST STANDARDS

Property (as Manufactured)	Values / MD	Values / XMD	Test Method
Thickness (average)	118 mils (3.0 mm)		ASTM D5147
Peak Load @ 73.4°F (23°C) (average)	85 lbf/in	65 lbf/in	ASTM D5147
Peak Load @ 0°F (-18°C) (average)	115 lbf/in	90 lbf/in	ASTM D5147
Elongation @ Peak Load 73.4°F (23°C) (average)	55%	60%	ASTM D5147
Elongation @ Peak Load 0°F (-18°C) (average)	35%	40%	ASTM D5147
Ultimate Elongation 73.4°F (23°C)	65%	80%	ASTM D5147
Tear Strength (average)	125 lbf	85 lbf	ASTM D5147
Water Absorption (maximum)	1%		ASTM D5147
Low Temperature Flexibility (maximum)	-15°F (-26°C)	-15°F (-26°C)	ASTM D5147
Dimensional Stability (maximum)	<0.5%	<0.5%	ASTM D5147
Compound Stability (minimum)	240°F (116°C)		ASTM D5147

CANADIAN TEST STANDARDS

Property (as Manufactured)		CSA A123.23 Requirement	Tested Value			
Thickness – mm (mils)		2.8 (110)	2.9 (130)			
Selvedge thickness – mm (mils)		1.8 (70)	2.9 (130)			
Mass per unit area – kg/m ² (lbs/100 ft ²)		2.9 (60)	3.8 (79)			
Back surface coating thickness (only for heat-welded sheets), 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)	9.2 (53)	11 (63)	6.1 (35)	6.3 (36)
	@ -18 ± 2°C (-0.4 ± 3.6°F)	3.0 (17)	5.0 (29)	5.9 (34)	3.2 (18)	3.4 (19)
Peak load, min. – kN/m (lbf/in)	@ 23 ± 2°C (73.4 ± 3.6°F)	See Tested Value	16.8 (96)	10.2 (58)	18.6 (106)	9.6 (55)
	@ -18 ± 2°C (-0.4 ± 3.6°F)		21.4 (122)	13.3 (76)	22.1 (126)	13.0 (74)
Elongation at peak load, %	@ 23 ± 2°C (73.4 ± 3.6°F)	See Tested Value	50	53	43	43
	@ -18 ± 2°C (-0.4 ± 3.6°F)		39	39	40	38
Ultimate elongation at 23 ± 2°C, %		See Tested Value	102	137	55	77
Dimensional stability, max., %		0.5	0.31	0.01	0.31	0.01
Low temperature flexibility, max. – °C (°F)		-18 (-0.4)	-21 (-5)	-21 (-5)	-21 (-5)	-21 (-5)
Low temperature flexibility after UV weathering, max. – °C (°F)		N/A	N/A			
Compound stability, min. – °C (°F)		91 (195)	121 (250)	121 (250)	121 (250)	121 (250)
Resistance to puncture		Pass	Pass			
Granule embedment (Grade 1 only), max. – g (oz)		N/A	N/A			

Data is based upon typical product performance and is subject to normal manufacturing and packaging tolerance and variation.
Test methods and tolerances: ASTM D5147 and ASTM D146. (product weight only)