



# PARATECH 180 CAP FR

## Commercial Product Data Sheet

Paratech 180 Cap FR is the modified bitumen finish ply of the Paratech two-ply modified bitumen roof system. Designed for use in homogeneous multi-layer modified bitumen roof membrane systems, Paratech 180 Cap FR consists of a 180 gram polyester mat impregnated and coated with styrene-butadiene-styrene (SBS) modified bitumen blend and is surfaced with roofing granules.

Contact Siplast for information on approved product uses.

#### USES: FINISH PLY

Standards	ASTM D6164 Type I, Grade G; CSA A123.23-15 Type B, Grade 1		
Roll Length	32.8 ft		
(nominal)	(10 m)		
Roll Width	3.28 ft		
(nominal)	(1.0 m)		
Coverage Per Roll (Typical with 3" Side & End Laps)	0.979 Squares (9.1 m²)		
Coverage Weight Per Square (nominal)	105 lb (5.13 kg/m²)		
Selvage Width	3 in		
(nominal)	(76 mm)		
Top & Back	Roofing Granules		
Surfacing	Mineral Parting Agent		

#### PRODUCT INFORMATION

### Application

Refer to the Siplast specifications for detailed application information and slope limitations. Paratech 180 Cap FR 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.

### **Packaging**

Pallet: 41 in x 48 in (104 cm x 122 cm) wooden pallet

Rolls Per Pallet: 23 Pallets Per Truckload: 15

Roll Weight (Nominal): 103 lb (46.7 kg)

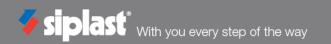
#### Listings, Approvals, & Certifications







Current copies of all Siplast Commercial Product Data Sheets are posted on our website at <a href="https://www.siplast.com">www.siplast.com</a>
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# **U.S. TEST STANDARDS**

Property (as Manufactured)	Values / MD	Values / XMD	Test Method
Thickness (average)	157.5 mils (4.0 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)	40%	50%	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

## **CANADA TEST STANDARDS**

Property (as Manufactured)	Values / MD	Values / XMD	Test Method
Thickness (average)	4.0 mm (157.5 mils)		CSA A123.23-15
Strain Energy 23°C (73.4°F) (minimum)	8.0 kN/m	7.0 kN/m	CSA A123.23-15
Strain Energy -18°C (0°F) (minimum)	8.0 kN/m	7.0 kN/m	CSA A123.23-15
Peak Load @ 23°C (73.4°F) (average)	14.9 kN/m	11.4 kN/m	CSA A123.23-15
Peak Load @ -18° (0°F) (average)	20.1 kN/m	15.8 kN/m	CSA A123.23-15
Elongation @ Peak Load 23°C (73.4°F) (average)	55%	60%	CSA A123.23-15
Elongation @ Peak Load -18°C (0°F) (average)	35%	40%	CSA A123.23-15
Low Temperature Flexibility (maximum)	-26°C (-15°F)	-26°C (-15°F)	CSA A123.23-15
Dimensional Stability (maximum)	<0.5%	<0.5%	CSA A123.23-15
Compound Stability (minimum)	116°C (240°F)		CSA A123.23-15
Granule Embedment (average)	1.	ASTM D5147	