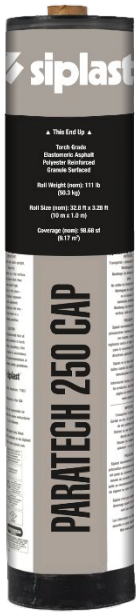

PARATECH 250 CAP

Commercial Product Data Sheet

Paratech 250 Cap 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 250 Cap consists of a 250-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 II, Grade G; CSA A123.23-15 Type B, Grade 1
Roll Length (nominal)	32.8 ft (10 m)
Roll Width (nominal)	3.28 ft (1.0 m)
Coverage Per Roll (Typical with 3" Side & End Laps)	0.979 Squares (9.1 m²)
Coverage Weight Per Square (nominal)	104 lb (5.08 kg/m²)
Selvedge Width (nominal)	3 in (76 mm)
Top & Back Surfacing	Roofing Granules Silica Parting Agent

PRODUCT INFORMATION

Application

Refer to the Siplast specifications for detailed application information and slope limitations. Paratech 250 Cap 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: 16
Roll Weight (Nominal): 102 lb (46.3 kg)

Listings, Approvals, & Certifications

c UL us LISTED
FM APPROVED
CSA

Current copies of all Siplast Commercial Product Data Sheets are posted on our website at www.siplast.com
Rev Date 4/2022

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PARATECH 250 CAP
Physical and Mechanical Properties

siplast® With you every step of the way

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 @ 73.4ºF (23ºC) (average)	135 lbf/in	100 lbf/in	ASTM D5147
Peak Load @ 0ºF (-18ºC) (average)	160 lbf/in	110 lbf/in	ASTM D5147
Elongation @ Peak Load 73.4ºF (23ºC) (average)	55%	60%	ASTM D5147
Elongation @ Peak Load 0ºF (-18ºC) (average)	30%	35%	ASTM D5147
Ultimate Elongation 73.4ºF (23ºC)	60%	75%	ASTM D5147
Tear Strength (average)	165 lbf	120 lbf	ASTM D5147
Water Absorption (maximum)	1%		ASTM D5147
Low Temperature Flexibility (maximum)	0ºF (-18ºC)	0ºF (-18ºC)	ASTM D5147
Dimensional Stability (maximum)	<0.5%	<0.5%	ASTM D5147
Compound Stability (minimum)	240°F (116°C)		ASTM D5147
Granule Embedment (average)	1.5 g		ASTM D5147

CANADA TEST STANDARDS

Property (as Manufactured)	Values / MD	Values / XMD	Test Method
Thickness (average)	3.9 mm (153.5 mils)		CSA A123.23-15
Strain Energy 23ºC (73.4ºF) (minimum)	10.0 kN/m	10.0 kN/m	CSA A123.23-15
Strain Energy -18ºC (0ºF) (minimum)	10.0 kN/m	10.0 kN/m	CSA A123.23-15
Peak Load @ 23ºC (73.4ºF) (average)	23.6 kN/m	17.5 kN/m	CSA A123.23-15
Peak Load @ -18º (0ºF) (average)	28.0 kN/m	19.3 kN/m	CSA A123.23-15
Elongation @ Peak Load 23ºC (73.4ºF) (average)	55%	60%	CSA A123.23-15
Elongation @ Peak Load -18ºC (0ºF) (average)	35%	40%	CSA A123.23-15
Low Temperature Flexibility (maximum)	-15ºC (0ºF)	-15ºC (0ºF)	CSA A123.23-15
Dimensional Stability (maximum)	<0.5%	<0.5%	CSA A123.23-15
Compound Stability (minimum)	116ºC (240ºF)		CSA A123.23-15