PARATECH 250 CAP TG

Commercial Product Data Sheet

Paratech 250 Cap TG is a 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 TG consists of a 250-gram polyester mat impregnated and coated with a styrene-butadiene-styrene (SBS) modified bitumen blend. The top surface is covered with roofing granules and the back surface is coated with an SBS modified bitumen adhesive layer specifically formulated for torch applications with a polyolefin burn-off film bottom surface.

Contact Siplast for information on approved product uses.

USES:
FINISH PLY
FLASHING SHEET

	10 M	8 M*
Standards	ASTM D6164 Type II, Grade G; CSA A123.23-15 Type B, Grade 1	
Roll Length (nominal)	32.6 ft (10 m)	26 ft (8 m)
Roll Width (nominal)	39.4 in (1.0 m)	39.4 in (1.0 m)
Coverage Per Roll (Typical with 3" Side & End Laps)	0.980 Squares (98.0 ft²) (9.2 m²)	0.781 Squares (78.1 ft²) (7.3 m²)
Coverage Weight Per Square (nominal)	107.1 lb (5.2 kg/m²)	108.8 lb (5.3 kg/m²)
Selvedge Width (nominal)	3 in (75 mm) Line Color: White	
Top Surfacing	Roofing Granules	
Back Surfacing	Polyolefin Burn-off Film	
Granule Colors*	White A-720, White I-720, Bright White (BW), Gray A-9, Gray I-760	

*Available in Canada in limited colors. Contact your local Siplast Representative for more details.

PRODUCT INFORMATION

Application

Refer to the Siplast Specifications for detailed application information and slope limitations. Paratech 250 Cap TG is lapped 3 inches (75 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

Roll Weight (Nominal): 10 M: 105 lb (47 kg)
8 M: 85 lb (39 kg)

Pallets Per Truckload (Typical): 15
Max Pallet Weight (Typical): 10 M: 2829 lbs (1283 kg)
8 M: 2950 lbs (1338 kg)

Listings, Approvals, & Certifications

c UL us LISTED FM APPROVED

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.

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PARATECH 250 CAP TG

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)	-15ºF (-26ºC)	-15ºF (-26ºC)	ASTM D5147
Dimensional Stability (maximum)	<0.5%	<0.5%	ASTM D5147
Compound Stability (minimum)	240°F (116°C)		ASTM D5147
Granule Embedment	1.5 grams per sample Max. avg. loss		ASTM D5147
	2.0 grams per sample Max. individual loss		

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 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)	30%	35%	CSA A123.23-15
Ultimate Elongation 73.4ºF (23ºC)	60%	75%	CSA A123.23-15
Low Temperature Flexibility (maximum)	-26ºC (-15ºF)	-26ºC (-15ºF)	CSA A123.23-15
Dimensional Stability (maximum)	<0.5%	<0.5%	CSA A123.23-15
Compound Stability (minimum)	116ºC (240ºF)		CSA A123.23-15
Granule Embedment	1.5 grams per sample Max. avg. loss		CSA A123.23-15
	2.0 grams per sample Max. individual loss		

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Physical and Mechanical Properties

siplast® With you every step of the way

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

*Only applies to Bright White (BW) granule surfaced rolls.