

PARADIENE 20 EG SA



Commercial Product Data Sheet

Product Description

Paradiene 20 EG SA is a high performance, self-adhesive, modified bitumen base flashing reinforcing ply. Paradiene 20 EG SA consists of a fiberglass scrim/fiberglass mat composite impregnated and coated with high quality styrene-butadiene-styrene (SBS) modified bitumen. The back surface and selvage edge are coated with a self-adhesive bitumen layer specifically formulated for optimum adhesion. The back surface is lined with a high strength polyolefin release film, and the selvage edge is lined with a polyolefin release tape.

Product Uses

Paradiene 20 EG SA is designed to be used as a base flashing reinforcing ply for direct application to primed Paradiene plies with sanded surfaces, Dens-Deck Prime® roof board products, and other approved substrates.

Paradiene 20 EG SA is lapped 3 inches (7.6 cm) at sides and 6 inches (15.2 cm) at ends. Contact Siplast for specific application guidelines and other product uses.

Product Approvals

Paradiene 20 EG SA meets or exceeds the requirements of ASTM D 6163 Type 2, Grade S, and CGSB 37-G-56M Type 2, Class C, Grade 2 for SBS-modified bituminous sheet materials using glass fiber reinforcements.

Siplast roofing systems also have received the approval of many regional and local authorities. Please contact Siplast for specific information as required.

Contact Siplast for other approval information.

Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Canada Web site at www.Siplast.ca.

COMMERCIAL PRODUCT INFORMATION

Unit:	Roll		
Coverage:	1.0 Square	(9.3 m ²)	
Coverage Weight Per Square:	Min: 84 lb	(4.1 kg/m ²)	
Roll Length:	Min: 33.5 ft	(10.21 m)	
Roll Width:	Avg: 3.28 ft	(1.00 m)	
Thickness:	Min: 118 mils	(3.0 mm)	
	Avg: 114 mils	(2.9 mm)	
Selvage Width:	Avg: 3.0 in	(76 mm)	

Selvage Surfacing: Polyolefin release tape

Top Surfacing: Silica parting agent

Back Surfacing: Polyolefin release film

Lines: Two laying lines are placed 3 inches (7.6 cm) and 4 inches (10.2 cm) from each edge of the material. The line color for this material is blue.

Packaging: Rolls are wound onto a compressed paper tube. The rolls are placed upright on pallets cushioned with corrugated cardboard and are adhered with adhesive at the labels. The top of the palletted rolls is covered with foiled Kraft paper. The palletted material is protected by a heat shrink polyethylene shroud.

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

Number Rolls Per Pallet: 25

Number Pallets Per Truckload: 18

Minimum Roll Weight: 84 lb (38.1 kg)

Storage and Handling: All Siplast roll roofing products should be stored on end on a clean flat surface. Care should be taken that rolls are not dropped on ends or edges and are not stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Material should be handled in such a manner as to ensure that it remains dry prior to and during installation.

PARADIENE 20 EG SA

Physical and Mechanical Properties

Property (as Manufactured)	CGSB Test Method	ASTM Test Method
Roll Size	33.5 ft x 3.28 ft (10.21 m x 1 m)	33.5 ft x 3.28 ft (10.21 m x 1 m)
Thickness (minimum)	N/A	114 mils (2.9 mm)
Thickness (average)	N/A	118 mils (3.0 mm)
Minimum Weight per Roll	N/A	84 lb (38.1 kg)
Low Temperature Flexibility	-22°F (-30°C)	-13°F (-25°C)
¹ Tensile Strength or Peak Load at 73°F (23°C) (average)	935 N/5 cm	80 lbf/inch (14.1 kN/m)
¹ Elongation at Peak Load at 73°F (23°C) (average)	5%	5%
¹ Ultimate Elongation at 73°F (23°C) (average)	100%	100%
Static Puncture	> 10 kg	N/A
Dimensional Stability (maximum)	0.1%	0.1%

Test methods and tolerances: CGSB 37-GP-56M (1980), ASTM D 5147, and ASTM D 146 (weight)

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