Parastrip™ SA

Commercial Product Data Sheet

Description:

Parastrip™ SA is a modified bitumen cover strip to ensure waterproofing of the end laps on composite panels. Designed for use in a homogeneous multi-layer modified bitumen roof membrane system, Parastrip™ SA consists of a 180 gram polyester mat impregnated and coated with styrene-butadiene-styrene (SBS) modified bitumen. The top surface is covered with a mineral parting agent and the back surface is coated with a self-adhesive bitumen layer and is lined with a polyolefin release film.

Contact Siplast for information on approved product uses.

Uses: Cover Strip

Standards	ASTM D6164 Type I, Grade S CSA A123.23-15 Type B, Grade 3
Roll Length (nominal)	32.6 ft. (10 m)
Roll Width (nominal)	13 in. (0.33 m)
Coverage Per Roll	0.35 Squares 35.32 ft^2 (3.3 m^2)
Top Surfacing	Mineral Parting Agent
Back Surfacing	Poly Release Film

Application:

Refer to the Siplast specifications for detailed application information and slope limitations.

Self-Adhesive

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:

- Roll Weight (Nominal): 27 lb. (12.2 kg)
- Rolls per Pallet (Typical): 90

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Physical and Mechanical Properties

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**	**Test Performance**			
Thickness – mm (mils)		2.2 (85)	2.9 (114)			
***Selvage Thickness – mm (mils)**		2.2 (85)	2.9 (114)			
Mass Per Unit Area – kg/m² (lb./100 ft²)		2.6 (53)	4.0 (81)			
Back Surface Coating Thickness, min. – mm (mils)		1.0 (40)	1.0 (40)			
			Before Heat Conditioning MD/XD		**After Heat Conditioning MD/XD**	
Strain Energy, min. – kNm (lbf/in)	@ 23 ± 2°C (73.4 ± 3.6°F)	5.5 (31)	5.5 (31)	5.5 (31)	5.5 (31)	5.5 (31)
	@ -18 ± 2°C (-0.4 ± 3.6°F)	3.0 (17)	3.0 (17)	3.0 (17)	3.0 (17)	3.0 (17)
Peak Load, min. – kNm (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 @ 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 @ 23 ± 2°C (73.4 ± 3.6°F), %		See Tested Value	62	70	45	47
Dimensional Stability, max., %		1.0	1.0	1.0	1.0	1.0
Low Temperature Flexibility, max. - °C (°F)		-18 (-0.4)	-26 (-15)	-26 (-15)	-26 (-15)	-26 (-15)
Low Temperature Weathered Flexibility, max. - °C (°F)		N/A	N/A			
Compound Stability, min. – °C (°F)		102 (215)	116 (240)	116 (240)	116 (240)	116 (240)
Resistance to Puncture		N/A	N/A			
Granule Loss (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.
*Measured on the selvage edge excluding the granule surfacing.