

SOPRALAP[®] FLAM

SBS-Modified cover strip for use with SOPRASMART Laminated Boards



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PDS10002 - REV 240301

PRODUCT NUMBERS:

- 0041003 - 13 in x 39.4 ft (0.33 x 12.0 m) - Roll

DESCRIPTION & FEATURES:

SOPRALAP FLAM is an SBS-modified bitumen cover strip for use with SOPRASMART Laminated Board products.

SOPRALAP FLAM is reinforced with a tough, dimensionally stable non-woven polyester mat that is saturated and coated on both sides with a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen.

- SBS rubber polymer enhances the asphalt blend adding elongation, elasticity and flexibility to the sheet
- Reinforced with non-woven polyester mat that increases the membrane's strength and durability
- Surfaced and backed with a polyolefin burn-off film to optimize heat welding
- Meets or exceeds requirements of ASTM D6164, Type I, Grade S

APPLICATION:



Prior to installation, unroll **SOPRALAP FLAM** onto the roof surface and allow to relax. SOPRASMART Laminated Boards are butted end to end, with a membrane overlap of 1 inch.

SOPRALAP FLAM in desired position, centered over the board joint, and back roll the product. **SOPRALAP FLAM** is then heat welded to approved substrates.

Refer to the SOPREMA Low-Slope Roofing Insulation Technical Manual for additional application guidelines.

STORAGE:

Store rolls in an upright position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.



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TECHNICAL INFORMATION & TESTING:

SHEET PROPERTIES

PROPERTY	VALUE
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
ASTM Standard	D6164, Type I, Grade S
Reinforcement	Non-woven polyester
Top surfacing	Polyolefin film
Back surfacing	Polyolefin film

DIMENSIONS & MASS

PROPERTY	VALUE	ASTM TEST METHOD
Width, in (m)	13 (0.33)	D5147
Length, ft (m)	39.4 (12.0)	D5147
Coverage,* ft ² (m ²)	97.9 (9.1)	D5147
Roll weight, lb (kg)	24.2 (10.9)	D5147
Rolls per pallet	90	D5147
Pallet weight, lb (kg)	2,238 (1,008)	D5147
Thickness, mils (mm)	120 (3.0)	D5147
Net mass per unit area, lb/100 ft ² (g/m ²)	75 (3,662)	D5147
Bottom coating thickness, mils (mm)	≥ 40 (1.0)	D5147

*Coverage rate as reported assumes installation using side and end lap recommendations.

PHYSICAL PROPERTIES

PROPERTY	MD	XMD	ASTM TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	115 (20.1)	90 (15.8)	D5147
Elongation at peak load @ 0°F (-18°C), %	35	40	D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	85 (14.9)	65 (11.4)	D5147
Elongation at peak load @ 73.4°F (23°C), %	55	60	D5147
Ultimate Elongation @ 73.4°F (23°C), %	65	80	D5147
Tear strength @ 73.4°F (23°C), lbf (N)	125 (556)	85 (378)	D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	D5147
Dimensional stability, %	< 0.5	< 0.5	D5147
Compound stability, °F (°C)	240 (116)	240 (116)	D5147

Data is represented by average values, unless noted otherwise.