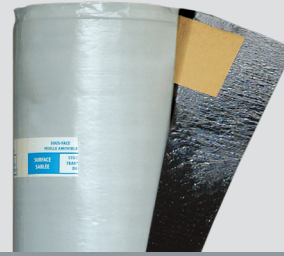


# SOPRALENE® FLAM STICK

Self-Adhered SBS-Modified Bitumen Membrane

PRODUCT DATA SHEET PDS10025 - REV 230608



APPLICATIONS

ROOFING

## PRODUCT NUMBERS:

- 06010 - 49.2 ft x 39.4 in (15.0 x 1.0 m) - Roll

## DESCRIPTION & FEATURES:

**SOPRALENE FLAM STICK** is a self-adhered SBS-modified bitumen membrane approved for use in roofing assemblies. **SOPRALENE FLAM STICK** 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.

- Specially formulated high-tack adhesive forms an immediate long-lasting bond to a variety of substrates
- Surfaced with polyolefin burn-off film to optimize heat welding of subsequent modified bitumen membranes
- Polyester reinforcement provides superior tear strength and puncture resistance
- Meets or exceeds requirements of ASTM D6164, Type I, Grade S

## USES:

**SOPRALENE FLAM STICK** is used as a component in the following systems.

USE	OVERLYING MATERIAL
Field Base Ply	Heat-Welded Modified Bitumen <sup>1</sup>
Flashing Base Ply	Heat-Welded Modified Bitumen <sup>1</sup>

<sup>1</sup> Refer to SOPREMA's SBS-Modified Bitumen Roofing Membrane Technical Manual

## APPLICATION:



SELF  
ADHERED

Prior to installation, unroll **SOPRALENE FLAM STICK** onto the roof surface and allow to relax. Place **SOPRALENE FLAM STICK** in desired position. Remove the protective release film from the underside of the sheet and roll **SOPRALENE FLAM STICK** into place with a weighted roller. Subsequent approved inter-ply or cap ply membranes are applied to **SOPRALENE FLAM STICK** via heat welding.

Refer to the SOPREMA SBS-Modified Bitumen Membrane Roofing Technical Manual for complete application guidelines.

## STORAGE:

Store rolls in an upright position to prevent damage, do not double stack pallets. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Storage temperature range should be between 55°F (12.8°C) and 80°F (26.7°C). For prolonged storage please store indoors at recommended temperatures. Approximate shelf life is 12 months from date of manufacturing when properly stored.

## LIMITATIONS:

Adequate surface preparation is the key to proper adhesion. Ensure all substrates are clean, dry and receive the specified self-adhesive primer.

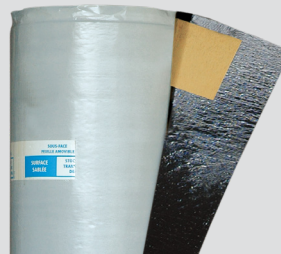
Ambient and surface temperatures must be between 40°F (4°C) and below 110°F (43°C). Do not attempt application if ice, snow, moisture or dew are present. Temperatures should be a minimum of 5 degrees above the dew point.

Not intended to perform under ponding water conditions. Positive drainage required.



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APPLICATIONS

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## TECHNICAL INFORMATION & TESTING:

SHEET PROPERTIES	
PROPERTY	VALUE
<b>Elastomeric bitumen</b>	Proprietary blend of bitumen and SBS polymers
<b>ASTM Standard</b>	D6164, Type I, Grade S
<b>Reinforcement</b>	Non-woven polyester
<b>Top surfacing</b>	Polyolefin film
<b>Back surfacing</b>	Self-adhered with release film
<b>Selvage surfacing</b>	Self-adhered with release film
<b>Selvage width, in (mm)</b>	3 (76)

DIMENSIONS & MASS		
PROPERTY	VALUE	ASTM TEST METHOD
<b>Length, ft (m)</b>	49.2 (15.0)	D5147
<b>Width, in (m)</b>	39.4 (1.0)	D5147
<b>Coverage,* ft<sup>2</sup> (m<sup>2</sup>)</b>	147.6 (13.7)	D5147
<b>Roll weight, lb (kg)</b>	97 (44.1)	D5147
<b>Rolls per pallet</b>	25	D5147
<b>Pallet weight, lb (kg)</b>	2,475 (1,125)	D5147
<b>Thickness (minimum), mils (mm)</b>	94 (2.4)	D5147
<b>Thickness (nominal), mils (mm)</b>	102 (2.6)	D5147
<b>Net mass per unit area, lb/100 ft<sup>2</sup> (g/m<sup>2</sup>)</b>	54 (2,636)	D5147
<b>Bottom coating thickness, mils (mm)</b>	≥ 40 (1.0)	D5147
<b>Shelf life, months</b>	12	D5147

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

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	ASTM TEST METHOD
<b>Peak load @ 0°F (-18°C), lbf/in (kN/m)</b>	110 (19.3)	85 (14.9)	D5147
<b>Elongation at peak load @ 0°F (-18°C), %</b>	35	40	D5147
<b>Peak load @ 73.4°F (23°C), lbf/in (kN/m)</b>	85 (14.9)	65 (11.4)	D5147
<b>Elongation at peak load @ 73.4°F (23°C), %</b>	55	60	D5147
<b>Ultimate Elongation @ 73.4°F (23°C), %</b>	60	65	D5147
<b>Tear strength @ 73.4°F (23°C), lbf (N)</b>	125 (556)	85 (378)	D5147
<b>Low temperature flexibility, °F (°C)</b>	-15 (-26)	-15 (-26)	D5147
<b>Dimensional stability, %</b>	< 0.5	< 0.5	D5147
<b>Compound stability, °F (°C)</b>	240 (116)	240 (116)	D5147

Data is represented by average values, unless noted otherwise.

## TESTING & APPROVALS:



FLORIDA BUILDING CODE



NOA # 20-0825.11



HUD MR 1340



LARR # 26062



## WARRANTY:

For more information refer to [www.SOPREMA.us](http://www.SOPREMA.us) or contact your SOPREMA representative.