

# SOPRAFIX® BASE 613

SBS-Modified Bitumen Base Ply

PRODUCT DATA SHEET PDS10041 - REV 230608



APPLICATIONS

ROOFING

## PRODUCT NUMBERS:

- 00423 - 32.8 ft x 39.4 in (10.0 x 1.0 m) - Roll

## DESCRIPTION & FEATURES:

**SOPRAFIX BASE 613** is an SBS-modified bitumen membrane designed specifically for mechanical attachment to approved roof decks. **SOPRAFIX BASE 613** 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
- Surfaced and backed with a polyolefin burn-off film to optimize heat welding
- Meets or exceeds requirements of ASTM D6164, Type I, Grade S

## USES:

**SOPRAFIX BASE 613** is used as a component in the following systems.

USE	OVERLYING MATERIAL
Field Base Ply	Heat-Welded Modified Bitumen

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

## APPLICATION:



MECHANICALLY  
ATTACHED

Prior to installation, unroll **SOPRAFIX BASE 613** onto the roof surface and allow to relax. Place **SOPRAFIX BASE 613** in desired position. **SOPRAFIX BASE 613** is mechanically fastened through the 5 inch side laps using the appropriate fastener. Subsequent approved inter-ply or cap ply membranes are applied to **SOPRAFIX BASE 613** 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. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.

## TESTING & APPROVALS:



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY  
APPROVED

NOA # 20-0825.11



HUD MR 1340

## WARRANTY:

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

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## TECHNICAL INFORMATION & TESTING:

### SHEET PROPERTIES

PROPERTY	VALUE
<b>Composition</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>	Polyolefin film

### DIMENSIONS & MASS

PROPERTY	VALUE	ASTM TEST METHOD
<b>Length</b> , ft (m)	32.8 (10.0)	D5147
<b>Width</b> , in (m)	39.4 (1.0)	D5147
<b>Coverage</b> ,* ft <sup>2</sup> (m <sup>2</sup> )	92.5 (8.6)	D5147
<b>Roll weight</b> , lb (kg)	82 (37.2)	D5147
<b>Rolls per pallet</b>	30	D5147
<b>Pallet weight</b> , lb (kg)	2,510 (1,139)	D5147
<b>Thickness (minimum)</b> , mils (mm)	110 (2.8)	D5147
<b>Thickness (nominal)</b> , mils (mm)	118 (3.0)	D5147
<b>Net mass per unit area</b> , lb/100 ft <sup>2</sup> (g/m <sup>2</sup> )	74 (3,603)	D5147
<b>Bottom coating thickness</b> , 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
<b>Peak load @ 0°F (-18°C)</b> , lbf/in (kN/m)	115 (20.1)	90 (15.8)	D5147
<b>Elongation at peak load @ 0°F (-18°C)</b> , %	35	40	D5147
<b>Peak load @ 73.4°F (23°C)</b> , lbf/in (kN/m)	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> , %	65	80	D5147
<b>Tear strength @ 73.4°F (23°C)</b> , lbf (N)	125 (556)	85 (378)	D5147
<b>Low temperature flexibility</b> , °F (°C)	-15 (-26)	-15 (-26)	D5147
<b>Dimensional stability</b> , %	< 0.5	< 0.5	D5147
<b>Compound stability</b> , °F (°C)	240 (116)	240 (116)	D5147

Data is represented by average values, unless noted otherwise.