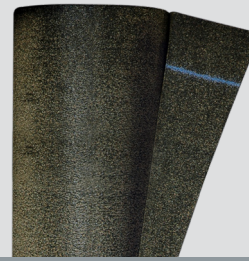# ELASTOPHENE® HS SANDED

High-Strength, Sanded-Surfaced SBS-Modified Bitumen Membrane

PRODUCT DATA SHEET PD10274 - REV 230608

APPLICATIONS

ROOFING

PRODUCT NUMBERS:

- 00564 - **32.8 ft x 39.4 in (10.0 x 1.0 m) - Roll**

DESCRIPTION & FEATURES:

ELASTOPHENE HS SANDED (high-strength, sanded) is a SBS-modified bitumen membrane approved for use in roofing assemblies. **ELASTOPHENE HS SANDED** is reinforced with a composite polyester/glass fiber 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 a composite mat that increases the membrane's strength and durability
- Sanded-surfacing improves bonding strength between system layers
- Meets or exceeds requirements of ASTM D6162, Type III, Grade S

USES:

ELASTOPHENE HS SANDED is used as a component in the following systems.

USE	OVERLYING MATERIAL
Field Base Ply	Cold-Applied Modified Bitumen[1]
	Self-Adhered Modified Bitumen[1]
	Adhered PVC/KEE (fleece-back)[2]
	Liquid-Applied PMMA/PMA
Vapor Retarder	Rigid Insulation[3]
	Lightweight Insulating Concrete[3]

[1] Refer to SOPREMA's SBS-Modified Bitumen Roofing Membrane Technical Manual
[2] Refer to SOPREMA's PVC/SBS Hybrid Membrane Roofing Technical Manual
[3] Refer to SOPREMA's Vapor Retarder Technical Manual, Low-Slope Roofing

APPLICATION:

COLD ADHESIVE **HOT ASPHALT**

Prior to installation, unroll **ELASTOPHENE HS SANDED** onto the roof surface and allow to relax. Place **ELASTOPHENE HS SANDED** in desired position and back roll the product. Apply approved cold adhesive or hot asphalt following the manufacturer's guidelines. **ELASTOPHENE HS SANDED** is then placed into the cold adhesive or hot asphalt and rolled with a weighted roller to ensure adhesion. Subsequent approved inter-ply or cap ply membranes are applied to **ELASTOPHENE HS SANDED** via cold adhesive or hot asphalt.

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:

FM APPROVED

CLASSIFIED UL®

FLORIDA BUILDING CODE
MIAMI-DADE COUNTY APPROVED
NOA # 20-0825.11

NEMOIcert.

CITY LA DBS
DEPARTMENT OF BUILDING AND SAFETY
LARR # 26062

WARRANTY:

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

SOPREMA®

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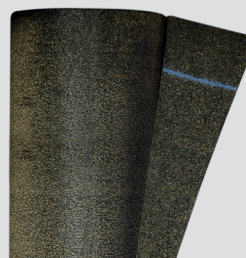
TECHNICAL INFORMATION & TESTING:

SHEET PROPERTIES	
PROPERTY	**VALUE**
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
ASTM Standard	D6162, Type III, Grade S
Reinforcement	Composite polyester/glass fiber
Top surfacing	Sanded
Back surfacing	Sanded

DIMENSIONS & MASS		
PROPERTY	**VALUE**	**ASTM TEST METHOD**
Length, ft (m)	32.8 (10.0)	D5147
Width, in (m)	39.4 (1.0)	D5147
Coverage,* ft² (m²)	97.9 (9.1)	D5147
Roll weight, lb (kg)	77 (34.8)	D5147
Rolls per pallet	30	D5147
Pallet weight, lb (kg)	2,360 (1,067)	D5147
Thickness (minimum), mils (mm)	110 (2.8)	D5147
Thickness (nominal), mils (mm)	118 (3.0)	D5147
Net mass per unit area, lb/100 ft² (g/m²)	75 (3,661.8)	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)	650 (113.8)	450 (78.8)	D5147
Elongation at peak load @ 0˚F (-18˚C), %	8	8	D5147
Peak load @ 73.4˚F (23˚C), lbf/in (kN/m)	550 (96.3)	400 (70.1)	D5147
Elongation at peak load @ 73.4˚F (23˚C), %	14	14	D5147
Ultimate Elongation @ 73.4˚F (23˚C), %	30	30	D5147
Tear strength @ 73.4˚F (23˚C), lbf (N)	1,000 (4,448.2)	725 (3,225.0)	D5147
Low temperature flexibility, ˚F (˚C)	-15 (-26)	-15 (-26)	D5147
Dimensional stability, %	< 0.1	< 0.1	D5147
Compound stability, ˚F (˚C)	240 (116)	240 (116)	D5147

Data is represented by average values, unless noted otherwise.