

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

COLPHENE Sanded is an SBS-modified bitumen cap ply for use in approved multi-ply membrane waterproofing assemblies. COLPHENE Sanded is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with a high quality random glass fiber mat. The topside and underside are surfaced with fine mineral aggregate to facilitate cold adhesive and hot asphalt applications.

STORAGE & HANDLING

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of COLPHENE Sanded.

APPLICATION

Prior to installation, unroll COLPHENE Sanded onto the surface and allow to relax. Position COLPHENE Sanded in desired position and back roll the product. COLPHENE Sanded is then rolled into the cold adhesive or hot asphalt and subsequently broomed in if utilizing hot asphalt or rolled with a weighted roll if utilizing cold adhesives. Subsequent approved inter-ply or cap ply membranes are applied to COLPHENE Sanded via cold adhesive or hot asphalt. Refer to the SOPREMA's specifications and installation instructions for additional application guidelines.



APPLICATION



COLD ADHESIVE



HOT ASPHALT

QUICK FACTS

ASTM STANDARD	LENGTH (ft)	WIDTH (in)	COVERAGE* (ft ²)	THICKNESS (mils)	WEIGHT (lb)	ROLLS/PALLET (pallet weight)
D6163 Type 1, Grade S	49.2 (15.0 m)	39.4 (1.0 m)	147.7 (13.7 m ²)	87 (2.2 mm)	85 (38.4 kg)	30 (2,550lb/ 1,152 kg)

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



SOPREMA®

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TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Glass fiber
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Sanded
Back surfacing	Sanded
Selvage surface	Sanded
Selvage width, in (mm)	3 (76)
End lap, in (mm)	6 (152)

DIMENSIONS & MASS		
PROPERTY		TEST METHOD
Thickness, mils (mm)	87 (2.2)	ASTM D5147
Min	91 (2.3)	
Average		
Net mass per unit area, lb /100 ft ² (g/m ²)	63 (3074)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	100 (17.5)	90 (15.8)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	4	4	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	50 (8.8)	40 (7.0)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	5	4	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	45	45	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	60 (267)	60 (267)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	0.1	0.1	ASTM D5147
Compound stability, °F (°C)	250 (121)	250 (121)	ASTM D5147
Hydrostatic head pressure	Pass		ASTM D5385
Water vapor permeance, perms (ng/Pa•s•m ²)	< 0.004 (0.23)		ASTM E96 Procedure B
Puncture resistance, Lbf (N)	50 (222)		ASTM E154

* Data is represented by average values, unless noted otherwise.

TESTING & APPROVALS



FLORIDA BUILDING CODE

