

COLPHENE®

180 SANDED

COLPHENE® 180 SANDED
PRODUCT # 01207

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

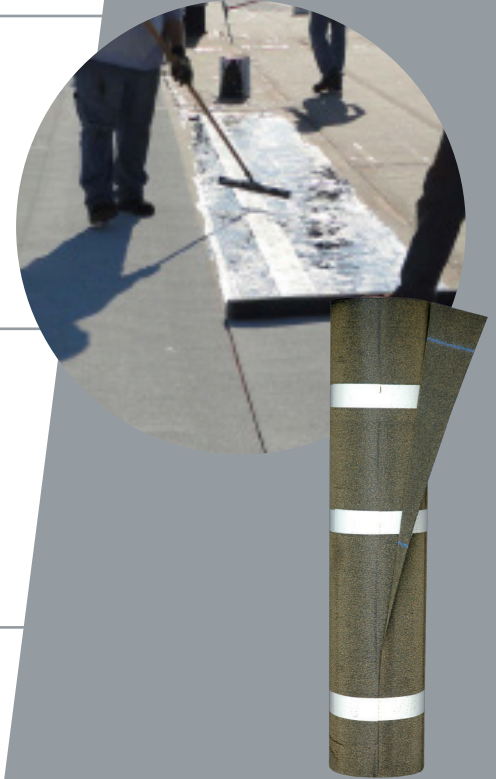
COLPHENE 180 Sanded is an SBS-modified bitumen base ply for use in approved multi-ply membrane waterproofing assemblies. COLPHENE 180 Sanded is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with tough, dimensionally stable non-woven polyester mat. The topside and underside are surfaced with fine mineral aggregate to facilitate cold adhesive and hot asphalt applications.

STORAGE

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 COLPHENE180 Sanded.

APPLICATION

Prior to installation, unroll COLPHENE 180 Sanded onto the surface and allow to relax. Place COLPHENE 180 Sanded in desired position and back roll the product. Apply approved cold adhesive or hot asphalt following manufacturer specifications. COLPHENE 180 Sanded is then rolled into the cold adhesive or hot asphalt and subsequently rolled with a weighted roller. Subsequent approved inter-ply or cap ply membranes are applied to COLPHENE 180 Sanded via cold adhesive or hot asphalt. Refer to 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
D6164 Type 1, Grade S	49.2 (15.0 m)	39.4 (1.0 m)	147.6 (13.7 m ²)	84 (2.2 mm)	83 (37.7 kg)	30 (2,540 lb/ 1152kg)

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



SOPREMA®

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TECHNICAL INFORMATION & TESTING

SHEET PROPERTIES	
Reinforcement	Non-woven polyester
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)	83 (2.1)	ASTM D5147
Net mass per unit area, lb/100ft ² (g/m ²)	52.3 (2552)	ASTM D5147

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	110 (19.3)	85 (14.9)	ASTM D5147
Elongation at peak load @ 0°F (-18°C), %	35	40	ASTM D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	85 (14.9)	65 (11.4)	ASTM D5147
Elongation at peak load @ 73.4°F (23°C), %	55	60	ASTM D5147
Ultimate elongation @ 73.4°F (23°C), %	60	65	ASTM D5147
Tear strength @ 73.4°F (23°C), lbf (N)	125 (556)	85 (378)	ASTM D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	ASTM D5147
Dimensional stability, %	<0.5	<0.5	ASTM D5147
Compound stability, °F (°C)	240 (116)	240 (116)	ASTM D5147
Hydrostatic head pressure	Pass		ASTM D5385
Water vapor permeance, perms (ng/s•m ² •Pa)	< 0.004 (0.23)		ASTM E96 Procedure B
Puncture Resistance, max load, lbf (N)	215 (956)		ASTM E154

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

TESTING & APPROVALS



FLORIDA BUILDING CODE

