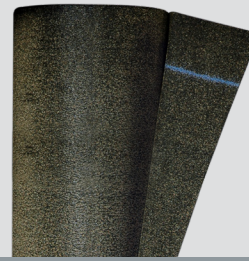


# COLPHENE® 180 SANDED

Sanded-Surfaced SBS-Modified Bitumen Membrane



APPLICATIONS

WATERPROOFING

PRODUCT DATA SHEET PD10058 - REV 230413

## PRODUCT NUMBERS:

- 01207 - 49.2 ft x 39.4 in (15.0 x 1.0 m) - Roll

## DESCRIPTION & FEATURES:

**COLPHENE 180 SANDED** is a SBS-modified bitumen membrane approved for use in multi-ply membrane waterproofing assemblies. **COLPHENE 180 SANDED** 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
- Reinforced with a non-woven polyester mat that increases the membrane's strength and puncture resistance
- Sanded-surfacing improves bonding strength between system layers
- Meets or exceeds requirements of ASTM D6164, Type I, Grade S

## USES:

**COLPHENE 180 SANDED** is used as a component in the following systems.

PROTECTED MEMBRANE WATERPROOFING	
USE	OVERLYING MATERIAL
Protection Course	Overburden for Protected Membranes <sup>1</sup>
Field Base Ply	Cold-Applied Modified Bitumen
	Liquid-Applied PMMA/PMA
Field Cap Ply	Overburden for Protected Membranes
Flashing Base Ply	Cold-Applied Modified Bitumen
	Liquid-Applied PMMA/PMA

<sup>1</sup> Refer to SOPREMA's COLPHENE LM BARR Protected Membrane Waterproofing Technical Manual

## APPLICATION:



Prior to installation, unroll **COLPHENE 180 SANDED** onto the deck and allow to relax. Place **COLPHENE 180 SANDED** in desired position and back roll the product. Apply approved cold adhesive following the manufacturer's guidelines.

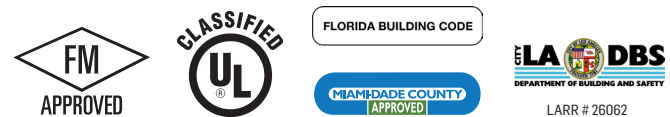
**COLPHENE 180 SANDED** is then placed into the cold adhesive and rolled with a weighted roller to ensure adhesion.

Refer to SOPREMA's published technical literature for additional details and application requirements.

## 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:

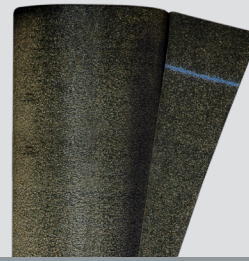


## WARRANTY:

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

# COLPHENE® 180 SANDED

Sanded-Surfaced SBS-Modified Bitumen Membrane



APPLICATIONS

WATERPROOFING

PRODUCT DATA SHEET PD10058 - REV 230413

## TECHNICAL INFORMATION & TESTING:

### SHEET PROPERTIES

PROPERTY	VALUE
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
ASTM standard	D6164, Type I, Grade S
Reinforcement	Non-woven polyester
Top surfacing	Sanded
Back surfacing	Sanded

### DIMENSIONS & MASS

PROPERTY	VALUE	ASTM TEST METHOD
Length, ft (m)	49.2 (15.0)	D5147
Width, in (m)	39.4 (1.0)	D5147
Coverage,* ft <sup>2</sup> (m <sup>2</sup> )	147.6 (13.7)	D5147
Roll weight, lb (kg)	83 (37.7)	D5147
Rolls per pallet	30	D5147
Pallet weight, lb (kg)	2,540 (1,152)	D5147
Thickness, mils (mm)	84 (2.2)	D5147
Net mass per unit area, lb/100 ft <sup>2</sup> (g/m <sup>2</sup> )	52.3 (2,552)	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)	110 (19.3)	85 (14.9)	D5147
Elongation at peak load @ 0°F (-18°C), %	35	40	D5147
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	85 (14.9)	65 (11.4)	D5147
Elongation at peak load @ 73.4°F (23°C), %	55	65	D5147
Ultimate Elongation @ 73.4°F (23°C), %	60	65	D5147
Tear strength @ 73.4°F (23°C), lbf (N)	125 (556)	85 (378)	D5147
Low temperature flexibility, °F (°C)	-15 (-26)	-15 (-26)	D5147
Dimensional stability, %	< 0.5	< 0.5	D5147
Compound stability, °F (°C)	240 (116)	240 (116)	D5147
Hydrostatic head pressure	Pass		D5385
Water vapor permeance, perms (ng/s•m <sup>2</sup> •Pa)	< 0.004 (0.23)		ASTM E96 Procedure B
Puncture Resistance, max load, lbf (N)	215 (956)		E154

Data is represented by average values, unless noted otherwise.