

# COLPHENE® BSW-V

Pre-Applied Waterproof Membrane

PRODUCT DATA SHEET PD10054 REV.006121



APPLICATIONS

WATERPROOFING

## DESCRIPTION:

**COLPHENE BSW-V** is 120 mil sheet composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen and is reinforced with a tough, dimensionally stable composite polyester/glass fiber reinforcement.

The topside is surfaced with fine mineral aggregate that adheres to poured concrete and shotcrete with a silicone release film on the backside that is removed during application to adhere to the lagging.

**COLPHENE BSW-V** also has an engineered DUO SELVEDGE edge on the top side of the roll that when overlapped from and adjacent membrane will be heat welded to seal the lap.

## BASIC USES:

**COLPHENE BSW-V** is designed specifically for vertical pre-applied or blind side waterproofing applications.

## PACKAGING:

39.4" x 32.8' (Product #: 00282)

## COVERAGE RATE:

95.2 square feet per roll

## LIMITATION:

- Do not use for pre-applied horizontal applications.
- Not for use as post-applied waterproofing
- Primer may be needed
- Heat welding of the overlap seams is required

## APPLICATION:

Refer to the **COLPHENE BSW-V** application guidelines for complete details.

## WARRANTY:

Please refer to [www.SOPREMA.us](http://www.SOPREMA.us) for the SOPREMA Standard Warranty, Form 115, or contact SOPREMA at 800.356.3521 for more information.



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PROPERTY	VALUES	TEST METHOD
Tensile strength, MD/XMD, psi (MPa)	3,437 / 2,638 (23.7 / 18.1)	ASTM D412
Elongation at Peak Load at 73°F, MD/XMD, %	67 / 74	ASTM D412
Adhesion to poured concrete, lbf/in (N/m)	24.2 (4235)	ASTM D903
Low temperature flexibility, °F (°C)	Unaffected at -4 (-20)	ASTM D1970
Puncture resistance, membrane, lb (N)	350 (1557)	ASTM E154
Tear resistance, lbf (N)	28.1 (125)	ASTM D5601
Low temperature crack bridging, °F (°C)	Unaffected at -9 (-23)	ASTM C836 (C1305)
Lap peel adhesion, lbf/in (N/m)	7.7 (1360)	ASTM D1876
Water vapor transmission, perms (ng/Pa•s•m <sup>2</sup> )	< 0.037 (< 2.1)	ASTM E96 Procedure B
Water absorption (maximum), %	0.5	ASTM D570
Lateral water migration resistance, ft (m)	360 (110)	ASTM D5385
Hydrostatic head pressure resistance, ft (m)	360 (110)	ASTM D5385
Methane gas permeability, ft <sup>2</sup> /hr at 14.7 psi (cm <sup>2</sup> /sec at 1 atm)	1.6 * 10 <sup>-6</sup> (4.12 * 10 <sup>-7</sup> )	ASTM D1434
Coefficient of friction, sanded side on sanded side, static/kinetic	1.03/0.76	ASTM D1894
Coefficient of friction, sanded side on concrete, static/kinetic	0.84/0.67	ASTM D1894

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

