

# COLPHENE® 3000

Self-Adhered Waterproof Membrane

PRODUCT DATA SHEET PD10052-REV.022921



APPLICATIONS

WATERPROOFING

## DESCRIPTION:

**COLPHENE 3000** is a 60 mil self-adhered, SBS-modified bitumen membrane for use in approved waterproofing assemblies. **COLPHENE 3000** is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen. The topside is surfaced with a tri-laminated woven HDPE composite facer for exceptional puncture resistance and tensile strength. The underside is surfaced with a silicone release film that is removed during application.

## BASIC USES:

**COLPHENE 3000** is designed for foundation walls and retaining wall applications.

## PACKAGING:

39.4" x 61'

## COVERAGE RATE:

The coverage rate with 3" side overlaps is 185 square feet per roll.

## COLOR:

White polyethylene facer with black self adhesive underside.

## LIMITATION:

- Do not apply to contaminated, wet, or damp surfaces.
- Primer dependent material.
- Material is not designed for horizontal waterproofing applications.

## APPLICATION:

Refer to the **COLPHENE 3000** 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.

## CLEAN UP:

Any adhesive material can be removed mechanically or with hydrocarbon solvents such as xylene or mineral spirits. Always test small areas before full use.



# COLPHENE® 3000

Self-Adhered Waterproof Membrane



APPLICATIONS

WATERPROOFING

| PROPERTY   | MD              | XMD            | TEST METHOD            |
|--|-----------------|----------------|------------------------|
| Tensile strength - membrane, die C, lbf/in <sup>2</sup> (kN/m <sup>2</sup> ) | 1,066 (7,350)   | 600 (4,137)    | ASTM D412 <sup>1</sup> |
| Elongation of rubberized asphalt, %  | > 300           |                | ASTM D412 <sup>1</sup> |
| Tensile strength - film facer, lbf/in <sup>2</sup> (kN/m <sup>2</sup> )      | 13,455 (92,769) | 8,545 (58,916) | ASTM D882 <sup>1</sup> |
| Low temperature flexibility, °F (°C)   | -40 (-40)       |                | ASTM D1970             |
| Lap adhesion, lbf/in (N/m)   | 7.1 (1243.4)    |                | ASTM D1876             |
| Water absorption, max %  | 0.2             |                | ASTM D570              |
| Peel resistance, lbf/in (N/m)  | 7.5 (1,313)     |                | ASTM D903              |
| Water vapor transmission, perms (ng/Pa·s·m <sup>2</sup> )                    | 0.02 (1.1)      |                | ASTM E96 (PROC. A)     |
|  | 0.08 (0.8)      |                | ASTM E96 (PROC. B)     |
| Crack bridging ability, 100 cycles, @ -26 °F (-32°C)                         | Pass            |                | ASTM C1305             |
| Resistance to hydrostatic head, min, ft (m)                                  | 381 (114)       |                | ASTM D5385             |
| Puncture resistance, lbf (N)   | 131 (583)       |                | ASTM E154              |

<sup>1</sup> The test is run at a rate of 2 in. per minute

