

COLPHENE® 3000

Self-Adhered Waterproof Membrane

PRODUCT DATA SHEET PD10052 - REV.231013



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 and is available in both a summer and winter grade and in cut rolls for use in flashing applications (summer grade only). 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 installed using **ELASTOCOL STICK** primers and is designed for use on vertical and horizontal waterproofing including foundation and retaining walls, tunnels, split slabs, plaza decks, and balconies.

Waterproofing systems using **COLPHENE 3000** are typically installed using **COLPHENE BARR FLASHING**, **SOPRAMASTIC SP1** and **SOPRASEAL SEALANT** as accessory products. Refer to the **COLPHENE 3000** Application Guidelines and drawings for additional detail.

COLOR:

White polyethylene facer with black self adhesive underside.

LIMITATIONS:

- Do not apply to contaminated, wet, or damp surfaces.
- Primer dependent material.
- Contact SOPREMA Technical Services for horizontal applications.
- Allow structural concrete to cure a minimum of 7 days and lightweight structural concrete a minimum of 14 days before the application.

SIZE & PACKAGING:

FULL ROLLS	PRODUCT CODE	ROLL WEIGHT, LBS (KG)	ROLLS/BOX	BOXES/PALLET
39.4" x 61'	10211 (Winter)	62.8 (28.5)	1	25
39.4" x 61'	10209 (Summer)	62.8 (28.5)	1	30

CUT ROLLS	PRODUCT CODE	ROLL WEIGHT, LBS (KG)	ROLLS/BOX	BOXES/PALLET
19.6" x 61'	1021002	31.5 (14.3)	2	24
13" x 61'	1020903	20.9 (9.5)	3	24
9.8" x 61'	1020904	15.6 (7.1)	4	24
6.5" x 61'	1021006	10.5 (4.8)	6	24

Note: Cut rolls are summer grade only.

APPLICATION:

Refer to the **COLPHENE 3000** application guidelines for complete details.

WARRANTY:

Please refer to 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.

COVERAGE RATE:

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

TESTING & APPROVALS:



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TECHNICAL INFORMATION & TESTING:

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	TEST METHOD
Tensile Strength (Membrane, Die C), lb/in² (kN/m²)	1,066 (7,350)	600 (4,137)	ASTM D412 ¹
Tensile Strength (Film Facer), lb/in² (kN/m²)	13,455 (92,769)	8,545 (58,916)	ASTM D882 ¹
Elongation of Rubberized Asphalt, %	> 850		ASTM D412 ¹
Elongation of Membrane, %	> 300		ASTM D412 ¹
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·m²)	0.02 (1.1) 0.08 (0.8)		ASTM E96 (Proc. A) ASTM E96 (Proc. B)
Crack Bridging Ability, 100 Cycles at -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
Methane Gas Permeability (50 psig at 75°F), ml/day·m²·atm	0.066		ASTM D1434
UV Exposure Rating, days	60		-

¹ The test is run at a rate of 2 in. per minute