

■ Calgary ☎ 403-248-8837 ■ Edmonton ☎ 780-435-2800 ■ London ☎ 519-672-5561 ■ Moncton ☎ 506-384-6101  
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## COLPHENE 3000

**Description:** COLPHENE 3000 is a self-adhesive waterproofing membrane composed of SBS modified bitumen and a polyethylene woven complex. A silicone release sheet protects the self-adhesive side.

COLPHENE 3000 is used to waterproof foundation walls, plaza decks, tunnels, etc. It must always be laid on clean, dry, solid substrates, which have previously been primed with ELASTOCOL STICK.

Available in "Summer Grade" for applications at temperatures above 10 °C and in "Winter Grade" for applications at temperatures between -10 °C and 10 °C.

For complete information on application and systems, please consult our specification manual.

## Properties:

Properties	Standards	COLPHENE 3000
Thickness (mm)	–	1.5
Roll weight (kg)	–	29
Dimension (m)	–	18.7 x 1
Gross / Net coverage per roll (m <sup>2</sup> )	–	18.7 / 17.3 (201 / 186 ft <sup>2</sup> )
Underface	–	Silicone release film
Top face	–	Polyethylene Woven Complex
Storage	–	Upright on pallet
Tensile strength, MD/XD (kN/m)	ASTM D5147	11.3 / 15.4 (64 / 88 lb/in)
Ultimate elongation, MD/XD (%)	ASTM D5147	40 / 25
Elongation of rubberised asphalt (%)	ASTM D5147	> 1000
Flexibility at cold temperature (°C)	ASTM D5147	-35 (-31 °F)
Static puncture (N)	ASTM D5602	400 (90 lb)
Tear resistance, MD/XD (N)	ASTM D5601	375 / 400 (84 / 90 lb)
Lap adhesion (N/m)	ASTM D1876	2000 (11.4 lb/in)
Water absorption (%)	ASTM D5147	0.1 max
Peel resistance (N/m)	ASTM D903	3500 (20 lb/in)
Water vapour permeance (ng/Pa·s·m <sup>2</sup> )	ASTM E96 (Procedure B)	0.49 (0.0086 perm)
Crack cycling at -32 C, 100 Cycles	ASTM C836	Unaffected
Resistance to hydrostatic head	ASTM D5385	70 m min. (231 ft.)

(All values are nominal)



**NOTE:** SOPREMA INC. may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.