

# COLPHENE 3000

**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	Standards	COLPHENE 3000
Thickness	-	1.5 mm
Roll Weight	-	29 kg
Dimension	-	18.7 x 1 m
Gross/Net coverage per roll	-	18.7 / 17.3 m <sup>2</sup> (201 / 186 ft <sup>2</sup> )
Underface	-	Silicone release film
Top Face	-	Polyethylene Woven Complex
Storage	-	Upright on pallet
Tensile Strength, MD/XD	ASTM D5147	11.3 / 15.4 kN/m (64 / 88 lb/in)
Ultimate Elongation, MD/XD	ASTM D5147	40 / 25 %
Elongation of rubberised asphalt	ASTM D5147	> 1000 %
Flexibility at cold temperature	ASTM D5147	-35°C (-31°F)
Static Puncture	ASTM D5602	400 N (90 lb)
Tear Resistance, MD/XD	ASTM D5601	375 / 400 N (84 / 90 lb)
Lap Adhesion	ASTM D1876	2000 N/m (11.4 lb/in)
Water Absorption	ASTM D5147	0.1 % max
Peel Resistance	ASTM D903	3500 N/m (20 lb/in)
Water Vapour Permeance	ASTM E96 (Procedure B)	0.49 ng/Pa·s·m <sup>2</sup> (0.086 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)