

## 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	114 m min. (374 ft)

(All values are nominal)