

## COLPHENE 3000

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

*COLPHENE 3000* is used to waterproof foundation walls and others below grade vertical surfaces. 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   | –                      | Tri-laminate woven polyethylene          |
| 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)