

COLPHENE 3000 TANKING SYSTEM

Self-adhesive membrane system for post-applied underground waterproofing

August 2024

PURPOSE AND SCOPE OF USE:

The SOPREMA COLPHENE 3000 system is an SBS modified bitumen, self-adhesive tanking membrane designed for concrete & masonry foundation walls and other below grade vertical surfaces. COLPHENE 3000 underground waterproofing is suitable for areas with low risk of hydrostatic water pressure, and up to 3m deep below ground.

The complete system also includes a drainage and protection mat laid between the membrane and the earth which is secured in place by a specifically designed termination bar. This provides an extra layer of protection, extending the life of the membrane.

PRODUCTS:

The system encompasses a selection of the products below. Refer to standard specifications P5300 or Masterspec work section 4131EB for full specification details.

COLPHENE 3000	Equus Termination Bar
Equus Peel and Stick Primer	Equus drainage layers
SOPRASEAL Sealant	Equus Swellseal Waterstop
Aquafin CJ4 or CJ6 Waterstops	Equus XPS insulation

SPECIFICATIONS:

P5300 EQUUS SOPREMA COLPHENE 3000 below ground, self-adhesive wall waterproofing to concrete or masonry structures.
Masterspec 4131EB EQUUS SOPREMA COLPHENE Tanking Membrane

CONDITIONS OF USE:

This product is only suitable for areas with low risk of hydrostatic water pressure, and areas up to 3m deep below ground. For areas with high hydrostatic water pressure, or deeper than 3m we have the COLPHEN BSW waterproofing system available.

The product must be installed by a Certified Equus Applicator. Verification of their status can be confirmed by a current applicator certificate or by contacting Equus Industries. Any installation must be done in accordance with the latest specifications and technical documentation, or with written approval by Equus Industries Ltd.

BUILDING CODE COMPLIANCE:

B2 Durability - B2.3.1 (a), COLPHENE 3000 has a durability of at least 50 years where used underground when installed with the correct specification, installation and maintenance. See BRANZ Appraisal 1037.

E2 External moisture - E2.3.2, E2.3.3, E2.3.7 Test data, together with in-service history in New Zealand and internationally, of the correctly installed COLPHENE 3000 membrane over correctly designed and constructed substrates, show that the membrane successfully resists the ingress of moisture. See BRANZ Appraisal 1037.

F2 Hazardous building materials - F2.3.1 Well known experience with the type of materials used together with in-service history, show that COLPHENE 3000 complies with this performance requirement. Refer to SDS at www.equus.nz

SUPPORTING DOCUMENTATION:

Title (Type)	Version	URL
BRANZ Appraisal No. 1037	22 April 2022	www.equus.nz/content/reports/branz-appraisal-colphene-1037.pdf



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WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURER CONTACT DETAILS:

Manufacture location	New Zealand
Legal and trading name of manufacturer	Equus Industries Ltd.
Manufacturer address for service	4 Sheffield Street, Blenheim 7274
Manufacturer website	www.equus.nz
Manufacturer email	info@equus.nz
Manufacturer phone number	03 578 0214
Manufacturer NZBN	9429032000306