

# COLPHENE BSW V

## Waterproofing membrane

July 2026

### DESCRIPTION:

COLPHENE BSW V is a high-performance waterproofing membrane composed of SBS modified bitumen and a composite reinforcement.

The topside is covered with specially engineered carbon dioxide crystals and the underside is covered by a silicon release film. COLPHENE BSW V is designed for vertical blind side waterproofing applications.



### FIELD OF APPLICATION:

COLPHENE BSW V is a pre-applied membrane designed for vertical blind side waterproofing applications (below grade and tanking works).

COLPHENE BSW V can be used for the following general applications:

- Retaining walls
- Foundations

### PACKAGING:

| Specifications | COLPHENE BSW H        |
|----------------|-----------------------|
| Dimensions     | 1 x 10 m              |
| Weight         | 4.3 kg/m <sup>2</sup> |
| Qty/Pallet     | 25                    |

### APPLICATION METHOD:

COLPHENE BSW V is a self-adhered 'peel and stick' membrane installed over a prepared substrate using Equus Peel & Stick Primer and neoprene roller.

### DUO SELVEDGE

Over the entire width of DUO SELVEDGE, 60% of the surface is covered with exposed sticky bitumen. The remaining surface of the selvedge (40%) is covered by a thermofusible plastic film to seal overlap by heat-welding with a propane torch or with the SOPRAMATIC automatic hot-air welder.

### APPLICATION PROCEDURE:

#### SUBSTRATE

- No work should be started until all surfaces are smooth, dry and free of ice, snow or any other substance that may prevent the membrane from adhering properly.
- Commencement of installation shall be taken as acceptance of the substrate by the Applicator.
- The use of Equus Peel & Stick Primer is required before installation of COLPHENE BSW V membrane if the adhesion is not enough.

#### INSTALLATION

- COLPHENE BSW V is installed in vertical strips of 5 m maximum onto acceptable substrate.
- COLPHENE BSW V membrane is adhered to substrate by peeling off the silicone release film.
- Side lap joints must be a minimum of 100 mm and end lap joints must be a minimum of 150 mm.
- Once installed, pressure must be applied over the whole surface using a membrane roller to ensure good contact.
- Membrane overlaps are sealed, by heat welding, with a propane torch or using an electric hot-air welder.
- The uppermost edge of each strip must be mechanically fastened to substrate using round plates of 50 mm diameter and
- appropriate fasteners for base material every 300 mm on center.

For complete installation specification and information please contact your local Equus Representative.



4131EB Equus Soprema Colphene Tanking Membrane

Equus Industries Ltd. 4 Sheffield St, Blenheim 7274 | Phone: 03 578 0214 | Email: [info@equus.nz](mailto:info@equus.nz) | Web: [www.equus.nz](http://www.equus.nz)

The information in this product data sheet is based on our experience and testing. It represents the latest information available at the time of printing, but no guarantee of its accuracy is made or implied, nor responsibility taken for use to which this information may be put. We reserve the right to alter or up-date information parameters and formulations without notice.

# COLPHENE BSW V

Waterproofing membrane

July 2026

## SCOPE OF USE:

COLPHENE BSW V is used as waterproofing membrane for foundations and other below ground horizontal surfaces with low to high risk of hydrostatic water pressure against concrete and masonry substrates. The membrane can be overlaid with an Equus approved drainage mat for protection.

Suitable for other waterproofing applications with written approval by Equus Industries Ltd.

## CONDITIONS OF USE:

Written approval is required for this membrane to be used on a substrate or in a waterproofing system not outlined in the standard Equus specifications. 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 Ltd. 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 BSW V 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 BSW V 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 BSW V complies with this performance requirement. Refer to SDS at [www.equus.nz](http://www.equus.nz).

## SUPPORTING DOCUMENTATION:

Can be found at: [www.equus.nz](http://www.equus.nz)

## STORAGE AND HANDLING:

Rolls must be stored upright, with the selvedge side on top. If the product is stored outdoors, cover them with an opaque protective cover after the removal of the delivery packaging.

## HEALTH AND SAFETY:

For more information, please refer to the relevant Safety Data Sheet.

## WARNINGS AND BANS:

|                                                                                                                    |    |
|--------------------------------------------------------------------------------------------------------------------|----|
| Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004? | No |
|--------------------------------------------------------------------------------------------------------------------|----|

## MANUFACTURERS CONTACT DETAILS:

|                                        |                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------|
| Manufacture location                   | Canada                                                                                        |
| Legal and trading name of manufacturer | Soprema New Zealand Limited                                                                   |
| Manufacturer address for service       | Level 3, Candida Building 4, 61 Constellation Drive, Mairangi Bay, Auckland 0630, New Zealand |
| Manufacturer website                   | <a href="http://www.soprema.com.au">www.soprema.com.au</a>                                    |
| Manufacturer email                     | <a href="mailto:info@soprema.com.au">info@soprema.com.au</a>                                  |
| Manufacturer phone number              | +61 3 9221 6230                                                                               |
| Manufacturer NZBN                      | 9429050312962                                                                                 |