

ANTI ROCK

Waterproofing membrane

July 2026

PURPOSE AND AREAS OF USE:

ANTI ROCK waterproofing membrane is composed of SBS modified bitumen and a non-woven polyester reinforcement. Its top face is covered with mineral granules and its underface is protected by a thermofusible plastic film.

ANTI ROCK membrane is designed to waterproof bridges.



PACKAGING:

Thickness	4.5 mm
Reinforcement	Non-woven polyester
Dimensions	8 x 1 m (26 x 3.3 pi) 200 x 1 m (656 x 3.3 pi)*
Weight	45 kg 1150 kg
Selvedge width	75 mm
Surface	Granules - grey
Underface	Thermofusible plastic film

(All values are nominal)
On order only

PROPERTIES:

Properties	Standards	ANTI ROCK
Stain energy, MX/XD	CAN-CSGB-37.56-M 9 th draft	9.0/7.0 kN/m
Breaking strength	CAN-CSGB-37.56-M 9 th draft	17.0/12.5 kN/m
Tensile strength	ASTM D5147	17.0/11.5 kN/m
Ultimate elongation, MD/XD	CAN-CSGB-37.56-M 9 th draft	60/65%
Elongation at maximum load, MD/XD	ASTM 5147	50/65%
Cold bending	CAN-CSGB-37.56-M 9 th draft	- 30°C
Low temperature flexibility	ASTM 5147	- 20°C
Static puncture	CAN-CSGB-37.56-M 9 th draft	400 N
Static puncture	ASTM D5602 modified	215 N

(All values are nominal)

INSTALLATION:

HEAT-WELDED

ANTI ROCK is mechanically installed (Macaden, Mini-Mcaden) or heat-welded with a propane torch.

It must be installed by thermofusion on dry and clean surfaces previously primed with SOPRADERE QUICK primer.

Side laps must be a minimum of 75 mm and end lap joints must be a minimum of 150 mm.

Decks that are to be waterproofed with membrane must conform to the specified surface profile (CSP) of 3-5 of the International Concrete Repair Institute (ICRI). Shotblasting with steel balls is recommended over the entire surface.

For complete information on product installation, please consult your Equus Representative.



ANTIROCK

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SCOPE OF USE:

ANTIROCK is specifically designed for heavy-duty applications in civil engineering projects. It is ideal for use on car park decks, bridge decks, tunnels, and other critical infrastructure where robust waterproofing and durability are vital. ANTIROCK is installed over a concrete substrate and adhered either by gas torch, or by using the specifically designed Soprema Mini-Macaden machine and is overlaid by asphalt. It is suitable for new builds and refurbishments, residential and commercial construction, in any location and wind zone in New Zealand.

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

CONDITION OF USE:

The asphalt overlay must be installed within one week of the ANTIROCK membrane installation minimum, and the thickness of the overlay shall be 40 mm after compaction for light vehicles, or 60 mm after compaction for heavy vehicles. The maximum temperature of the asphalt installation is 200°C.

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 (b), ANTIROCK has a durability of at least 15 years when installed with the correct specification, installation and maintenance. See BRANZ Appraisal 685.

E2 External moisture - E2.3.1, E2.3.2, E2.3.7 Test data, together with in-service history internationally, of the correctly installed ANTIROCK membrane over correctly designed and constructed substrates, show that the membrane successfully resists the ingress of moisture. See BRANZ Appraisal 685

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

SUPPORTING DOCUMENTATION:

Can be found at: www.equus.nz

STORAGE:

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 (SDS).

SOPREMA has always attached the highest importance to the quality of the products, the environment and safety. For this reason, they operate independently monitored Quality and Environment Assurance Systems in line with EN ISO 9001 and EN ISO 14001.

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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MANUFACTURERS CONTACT DETAILS:

Manufacture location	Belgium
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	www.soprema.com.au
Manufacturer email	info@soprema.com.au
Manufacturer phone number	+61 3 9221 6230
Manufacturer NZBN	9429050312962