

ANTIROCK CARPARK MEMBRANE SYSTEM

Modified-bitumen waterproofing membrane with asphalt overlay

August 2024

PURPOSE AND SCOPE OF USE:

The EQUUS SOPREMA ANTIROCK membrane is a high-performance, polymer-modified bitumen waterproofing membrane specifically designed for heavy-duty applications in civil engineering projects. It is ideal for use on carpark decks, bridge decks, tunnels, and other critical infrastructure where robust waterproofing and durability are vital. ANTIROCK provides exceptional resistance to punctures, chemicals, and extreme weather conditions, ensuring long-term protection and performance.

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.

PRODUCTS:

The system encompasses a selection of the products below. Refer to standard specification P36701 for full specification details.

ANTIROCK	SOPRADERE QUICK
Liquid Detailing Membranes	ALSAN MASTIC 2200

SPECIFICATIONS:

P36701 EQUUS SOPREMA ANTIROCK over concrete carparking decks and bridges with subsequent asphalt cover

CONDITIONS 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:

Title (Type)	Version	URL
BRANZ Appraisal No. 685	27 April 2022	www.equus.nz/content/reports/branz-appraisal-duo-685.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