DUO ROOF & DECK MEMBRANE SYSTEM

Two-layer bitumen membrane waterproofing

July 2026

PURPOSE AND SCOPE OF USE:
The DUO Roof & Deck Membrane system is a torch-applied waterproofing system, consisting of two-layers of modified bitumen membrane forming a 6.5 mm thick layer. DUO provides a fire-retardant, UV-resistant, flexible waterproofing membrane designed for exposed flat roofs and decks, and other areas such as podiums, balconies and terraces.

The system has a range of base sheets and cap sheets suitable for different building requirements, including self-adhesive membranes, making it a customisable solution with UV and weather resistance suitable for any location and wind zone in New Zealand. With the correct primer, DUO can be applied over concrete, plywood and CLT substrates.

Suitable for new builds and refurbishments, residential and commercial construction.

DUO Roof & Deck Membrane can be overlaid with Fixplus or other approved pedestals, pavers and decking, Kraitec Step walkway tiles, or SOPRASOLAR non-penetrative solar panel supports or other approved supports.

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 specifications for full specification details. Technical datasheets and specifications can be found on www.equus.nz.

SOPRADERE QUICK	SOPRASTICK
SOPREMA Elastocol Stick	SOPRASTICK VENTI TACK PLUS
DEBOFLEX 2.5 T/F C175	DUO HT 4 Slates/F C180 FC (or variant)
SOPRASUN PLUS 3	

SPECIFICATIONS:

P3401 DUO on concrete substrate
P3402 DUO on plywood substrate
Masterspec 4421EB Equus DUO Roof & Deck Membrane by SOPREMA

COLOUR:
Standard Cap Sheet Colours: GW (Grey White), NOIR (Black), WGG (White Grey Green), BO (Brown Oxide). Colour availability is stock dependant and may need to be specially ordered.

CONDITIONS OF USE:
In areas of regular foot traffic, higher than for normal maintenance traffic, the membrane must be overlaid with Fixplus pedestals and pavers or decking, Kraitec Step walkway tiles or other approved protection.

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.

Equus Industries Ltd. 4 Sheffield St, Blenheim 7274 | Phone: 03 578 0214 | Email: info@equus.co.nz | Web: 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 update information parameters and formulations at any time without notice.

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BUILDING CODE COMPLIANCE:

B2 Durability - B2.3.1 (b), DUO Roof & Deck Membrane has a durability of at least 15 years, and a life expectancy of 35 years, when installed with the correct specification, installation and maintenance. See CodeMark CMNZ70151, BRANZ Appraisal 685, DUO Durability Study.

E2 External moisture - E2.3.1, E2.3.2, E2.3.7 Test data, together with in-service history in New Zealand and internationally, of the correctly installed DUO Roof & Deck Membrane over correctly designed and constructed substrates, show that the membrane successfully resists the ingress of moisture. See BRANZ Appraisal 685, DUO Durability Study.

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

SUPPORTING DOCUMENTATION:

Can be found at: www.equus.nz

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	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

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