SOPRATHERM WARM ROOF SYSTEM

Economical, waterproof roofing membrane, vapour barrier and thermal insulation

November 2026

PURPOSE AND SCOPE OF USE:
The SOPRATHERM Warm Roof System is a thermally insulated roof & deck waterproofing system consisting of the economical SOPRASUN PLUS two-layer membrane system applied over thermal insulation board and a vapour barrier. A warm roof system guarantees a continuous and efficient thermal resistance (R-value), negating condensation build up and creating energy savings.

The system is designed for use on exposed flat roofs and decks, with UV and weather resistance suitable for any location and wind zone in New Zealand.

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

SOPRATHERM Warm Roofs can be overlaid with Equus Jacks 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.

ELASTOCOL STICK	Eurothane Silver PIR Board
SOPRAVAP'R	SOPRA-ISO PIR Board
SOPRAVAP'R ALU	SOPRAROCK HD 60 Mineral Wool
SOPRASUN PLUS 3	Roof Cover Board
SOPRASUN PLUS 4.5KG MINERAL	Liquid Membrane Detailing
COLTACK EVOLUTION 750	
Mechanical Fixings	

SPECIFICATIONS:

SOPRATHERM on concrete substrate
SOPRATHERM on plywood substrate
SOPRATHERM on metal substrate
Masterspec 4421ES Equus SOPRASUN PLUS Roof & Deck Membrane by SOPREMA

COLOUR:
Standard Cap Sheet Colours: Grey.

CONDITIONS OF USE:
In areas of regular foot traffic, higher than for normal maintenance traffic, the membrane must be overlaid with Equus Jacks 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), SOPRATHERM Warm Roof has a durability of at least 15 years, when installed with the correct specification, installation and maintenance. See CodeMark CMNZ70151, BRANZ Appraisal 819.

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 SOPRATHERM Warm Roof over correctly designed and constructed substrates, show that the membrane successfully resists the ingress of moisture. See CodeMark CMNZ70151, BRANZ Appraisal 819.

E3 Internal moisture - E.3.3.1 SOPRATHERM Warm Roofs provide the habitable buildings with adequate thermal resistance and R-values that are equal to or above those specified in E3/AS1. See technical data sheet of the appropriate thermal insulation.

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

H1 Energy efficiency - H1.3.1(a) SOPRATHERM Warm Roofs provide the building with adequate thermal resistance and R-values that are equal to or above those specified in H1/AS1 and H1/AS2. See technical data sheet of the appropriate thermal insulation.

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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