EUROTHANE SILVER

Insulation board

October 2026

DESCRIPTION:
Eurothane Silver is an insulation board with a core of rigid polyisocyanurate (PIR) foam, faced on both sides with a gastight multi-layered complex.

BRANZ Appraised
Appraisal No. 1169

PACKAGING:

Dimensions	Eurothane Silver
Width	1200 mm
Length	2400 mm

PRODUCTIVE R-VALUE:

Thickness	R-Value
50 mm	2.25
60 mm	2.70
81 mm	3.65
90 mm	4.05
100 mm	4.50
120 mm	5.45
140 mm	6.36

TECHNICAL DATA:

Technical Characteristics	Eurothane Silver
Thermal conductivity	λ_D-value according to EN 12667: 0,022 W/mK
Core volume weight	± 30 kg/m³
Mechanical performance - Compressive strength with 10% deformation: - Performance under the influence of an equally distributed load: - Transformation under the influence of a load:	 CS(10/Y)150 according to EN 826: ≥ 150 kPa (1.5 kg/cm²) UEAtc class C DLT(2)5 according to EN 1605: 40 kPa, at 70ºC during 168 hours: ≤ 5%
Vapour diffusion resistance number μ of the PIR*foam*	50-100
Facing	Gastight multi-layered complex
Tensile strength perpendicular to surface	TR80 according to EN 1607 ≥80 kPa
Long-term water absorption WL(T)2 according to EN 12087	< 2%
Fire behaviour	- A1 according to RD 19/12/1997 - Euroclass B s2 d0 (end use steel deck) - Euroclass F according to EN 13501-1 - Class 1 according to BS 476 Part 7
Dimensional stability DS(TH)8 according to EN 1604 - Humidity text 48 hours: - Change in length: - Change in width: - Change in thickness:	 70ºC, 90% RH ≤ 2% ≤ 2% ≤ 6%

masterspec partner

4421ED Equus Duotherm Warm Roof & Deck System by Soprema
4421EN Equus Nova-SK Flameless Roof & Deck Membrane by Soprema
4421ES Equus Soprasun Plus Roof & Deck Membrane by Soprema
4122EF Equus Soprema Flagon TPO Roof & Deck Membrane by Soprema

Equus Industries Ltd. 4 Sheffield St, Blenheim 7274 | Phone: 03 578 0214 | Email: info@equus.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 up-date information parameters and formulations without notice.

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CERTIFICATES AND STANDARDS:
EN 13165
The production of these boards is certified according to ISO 90001:2000.

SCOPE OF USE:
Eurothane Silver is used in Equus SOPREMA Warm Roof and Deck systems, installed over a vapour barrier and underneath a waterproofing membrane system. Eurothane Silver boards are either mechanically fastened, or adhered with an approved PU Foam to the roofing substrate and can be overlaid with a roof cover board. Eurothane Silver is available in flat or tapered boards for design flexibility.

It is suitable for new builds and refurbishments, residential and commercial construction, in any location or wind zone in New Zealand (determined by project specific wind uplift calculations).

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

CONDITIONS OF USE:
Eurothane Silver must be covered by a specified waterproofing membrane system. Written approval is required for this product to be in a 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 (b), Eurothane Silver has a durability of at least 15 years when installed with the correct specification, installation and maintenance. BRANZ Appraisal No. 1169.

E3 Internal moisture - E3.3.1 Eurothane Silver provides habitable buildings with adequate thermal resistance and R-Values that are equal to or above those specified in E3/AS1. See BRANZ Appraisal No. 1169.

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

H1 Energy Efficiency - H1.3.1 (a) Eurothane Silver provides the building with adequate thermal resistance and R-Values that are equal to or above those specified in H1/AS1 and H1/AS2. See BRANZ Appraisal No. 1169.

SUPPORTING DOCUMENTATION:
Can be found at: www.equus.nz

STORAGE:
Do not throw, use shockproof transport. Must be stored in dry conditions and protected from direct weathering.

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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

MANUFACTURERS CONTACT DETAILS:

Manufacture location	Belgium
Legal and trading name of manufacturer	Recticel NV/SA
Manufacturer address for service	Bourgetlaan 42 Avenue du Bourget, 1130 Brussels
Manufacturer website	www.recticel.com
Manufacturer email	corporate@recticel.com
Manufacturer phone number	+32 2 755 18 11
Manufacturer NZBN	

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