

SPACE BLANKET®

February 2025

Applications



Description

Space Blanket® is a specialist under-metal roof insulation designed for use in residential buildings. Space Blanket® is made with super-soft Earthwool® insulation laminated with anti-condensation facing foil. Space Blanket® is available in energy efficient R-values to provide builders, designers, installers and DIYers the opportunity to choose the best thermal performance for their project. Space Blanket® will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter. Super-soft to handle and install, Space Blanket® is made using up to 80% recycled glass and with ECOSE® Technology, a sustainable, plant-based binder that contains no added formaldehyde.



with **ECOSE** TECHNOLOGY

Performance

Thermal	AS/NZS 4859.1 (2018).
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0 Spread of Flame: 0 Heat Evolved: 0 Smoke Developed: 2-3
Water Vapour Absorption	Less than 5% by weight.*
Microbial Growth	Does not support microbial growth.*
Corrosiveness (C665)	Pass*
Combustibility (AS 1530.1)	Non-combustible.*
Group Classification	Group 1, AS 5637.1.

* Applies to glasswool blanket only.

Benefits

- ✓ Contributes to BAL rating compliance 12.5 - 40
- ✓ High thermal performance - year round comfort
- ✓ Sound absorbing
- ✓ Saves energy - lower energy bills
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Compression packed - more product per pack
- ✓ Odourless

Certifications



Please scan the QR Code to view the complete list of certifications on our website.

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Specifications

Product Code	R-Value (m²K/W)	Thermal Conductivity (W/mK)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m²)	Pieces per pack
250982	1.3	0.042	55	1200	15000	18	1
288785	1.8	0.042	75	1200	10000	12	1

All faced products can be supplied cut-to-length. Products are AS/NZS 4859.1 compliant.

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Additional Information

Specification Compliance

AS/NZS 4859.1 (2018) Materials used in the Thermal Insulation of Buildings, AS 1530.1 Method of Fire Testing on Building Materials, AS 1530.3 Early Fire Hazard Properties. Space Blanket® will contribute to compliance with the National Construction Code (NCC) requirements.

Specification Guide

The insulation shall be Space Blanket®, R* or *kg/m³, *mm thick, BRANZ appraised to meet the provisions of the NCC. The product will be non-combustible, glasswool insulation with high post-consumer recycled glass content and with ECOSE® Technology. It will be manufactured under Quality Assurance Standards ISO 9001:2008 and ISO 14001:2004 by Knauf Insulation and shall be installed in accordance with the instructions issued by them.

*architect to insert details of products used.

Bio-solubility

The formulation used for Space Blanket® has been independently assessed to meet the requirements of the stringent Note Q standard (and is therefore consistent with the highest Australian and New Zealand industry standards), and also assessed by Knauf Insulation against the criteria of the Safe Work Australia (SWA). Earthwool® insulation is classified as a non-hazardous substance in line with the NOHSC: 1008 3rd Edition.

Proven Performance

- Earthwool® insulation is preferred by professional installers concerned with quality, appearance and productivity.
- Earthwool® insulation has excellent acoustical properties reduce sound transmission when properly installed in roof systems.
- Foil-faced roofing rolls provide condensation control.



Earthwool® products made with ECOSE® Technology benefit from a no added formaldehyde binder, which is less energy intensive than traditional binders and is based on rapidly renewable, plant-based materials instead of petro-based chemicals. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Earthwool® products made with ECOSE® Technology contain no added dyes or artificial colours.

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Durability

- Space Blanket® is odourless, rot proof, non-hygroscopic, do not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Superior Handling

- Highly resilient insulation recovers quickly to full thickness for a snug fit and superior finished aesthetics.
- Consistent quality materials feel good, cut easily and install fast.
- Low dust for easier handling and increased productivity.

Convenient Packaging, Easier Handling

- Space Blanket® rolls are packaged in a strong polybag that offers excellent protection from abuse, dust and moisture.

Superior Service and Support

- Knauf Insulation is totally focused on providing first class customer service, producing high quality product and 'on time in full' deliveries.
- Knauf Insulation supports a professional network of distributors and re-sellers in order to service a growing insulation market.
- Knauf Insulation is committed to providing a comprehensive range of relevant sales and marketing literature and web-based technical information to support specifiers and customers.