

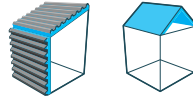
SPACE BLANKET®

May 2018



with **ECOSE** TECHNOLOGY

APPLICATIONS



DESCRIPTION

Space Blanket® is a specialist under-metal roof insulation designed for use in residential and commercial buildings. Space Blanket® is made with super-soft Earthwool® insulation laminated with heavy duty 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, bio-based binder that contains no added formaldehyde.

EARTHWOOL PERFORMANCE

Thermal

Thermal conductivity:
Thermal resistance:

ASTM C 518 and AS/NZS 4859.1: 2002.
ASTM C 653 and AS/NZS 4859.1: 2002.

Fire Hazard Properties (AS/NZ 1530.3)

Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 0-1.

Water Vapour Absorption

Less than 5% by weight. *

Microbial Growth

Does not support microbial growth. *

Corrosion Resistance

No greater than sterile cotton. *

Combustibility (AS 1530.1)

Non-combustible. *

* Earthwool® blanket only

BENEFITS

- ✓ 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.

CERTIFICATION



challenge.
create.
care.

ADDITIONAL INFORMATION

Specification Compliance

AS/NZS 4859.1: 2002 Materials used in the Thermal Insulation of Buildings, AS1530.1 Method of Fire Testing on Building Materials, AS1530.3 Early Fire Hazard Properties. Space Blanket® will contribute to compliance with the Building Code of Australia (BCA) requirements.

Specification Guide

The roof insulation shall be Space Blanket® R*, * mm thick, BRANZ appraised to meet the provisions of the BCA. The product will be non-combustible, CFC/HCF free, zero ODP and GWP, Global GreenTag Cert™ Level A certified, 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 Earthwool® insulation 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 Australian Safety and Compensation Council ASCC Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008 3rd Edition]. As a result of this assessment, Earthwool® insulation is not classified as hazardous according to the NOHSC criteria.

Proven Performance

- Preferred by professional installers concerned with quality, appearance and productivity.
- Excellent acoustical properties reduce sound transmission when properly installed in roof systems.
- Foil-faced roofing rolls provide condensation control.

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.

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SPECIFICATIONS

Product Code	R-Value (m ² K/W)	Thickness (mm)	Length (mm)	Width (mm)	Pieces per pack	Area per pack (m ²)
250982	1.3	55	15000	1200	1	18
288785	1.8	75	10000	1200	1	12

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



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, bio-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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