



KNAUF INSULATION
it's time to save energy

EarthWool™ Space Blanket

Description

Knauf Insulation's EarthWool™ Space Blanket is intended for both thermal and acoustical applications, and have optional foil facing. It is made from highly resilient, inorganic glass fibres bonded by ECOSE® Technology, a revolutionary new binder based on rapidly renewable bio-based materials rather than non-renewable petroleum-based chemicals. ECOSE® Technology reduces Knauf Insulation binder embodied energy and contains no phenol, formaldehyde, acrylics or artificial colours found in traditional glasswool insulation.

Application

EarthWool™ Space Blanket provides a cost-effective thermal and acoustical barrier for energy-efficient construction. Its consistent quality, low dust, and clean-cutting resilient fibres make fabrication easy and installation fast. EarthWool™ Space Blanket can be used in new and retrofit applications in residential and commercial structures, as well as in off or on-site manufactured housing. These applications include thermal and acoustical treatments to metal and roof tile applications. The range of roof insulation can be faced with standard foil laminates or they can be faced and cut to length according to your specification.

Specification Compliance

AS/NZS 4859.1: 2002 Materials used in the Thermal Insulation of Buildings and comply with the Building Code of Australia (BCA) requirements.

Bio-solubility

Glasswool insulation fibres have been tested in laboratory studies according to EC protocols ECB/ TM27 REV. 7, 1998 and shown to be bio-soluble. KNS3 fibres comply with the short term biopersistence test and fulfill the requirements of Australian and international authorities on biosolubility. EarthWool™ has BRANZ certification.

Knauf Insulation's EarthWool products with ECOSE® Technology benefit from a formaldehyde-free binder made from rapidly renewable bio-based materials instead of petroleum-based chemicals which is up to 70% less energy intensive. 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 dye or artificial colours – the colour is completely natural.

Performance

Thermal Conductivity

- ASTM C 518 and AS/NZS 4859.1: 2002

Thermal Resistance

- ASTM C 653 and AS/NZS 4859.1: 2002

Technical Data

Water Vapor Absorption (ASTM C 1104)

- Less than 5% by weight.

Corrosion Resistance (ASTM C 665)

- No greater than sterile cotton.

Microbial Growth (ASTM C 1338)

- Does not support microbial growth.

Fire Resistance (ASTM C 136)

- Non-combustible.

EarthWool™ Space Blanket

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

- EarthWool™ Roof Rolls 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.

Item Ref. No	Thickness (mm)	R-Value (m ² K/W)	Dimensions (mm)	m ² per Pack (m ²)
Space Foil - Roof Rolls				
LD131215	60	1.5	1200x15000	18.0
LD181215	75	1.8	1200x15000	18.0
LD231210	110	2.5	1200x10000	12.0

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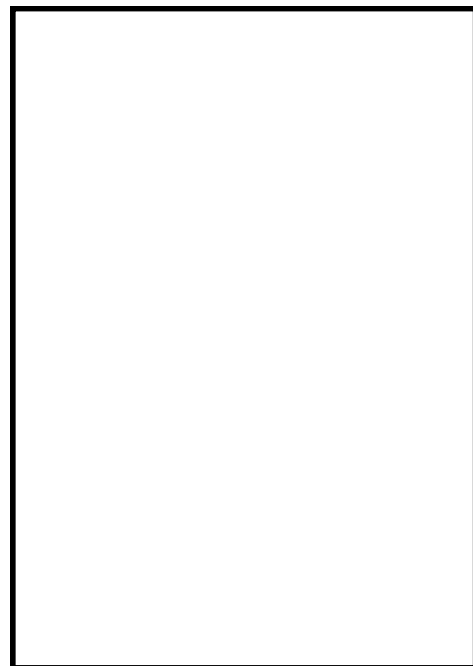
8/3 Donaldson Street
Manunda QLD 4870

Customer Service (Sales)

Tel: 1300 433 768

Email: info@theinsulationdepot.com.au

Your Local Earthwool Installer



For more information please visit
www.theinsulationdepot.com.au