



June 2011

EcoBlanket

For walls, floors and roofs



Description

EcoBlanket is a flexible, lightweight, low density, non-combustible glass mineral wool roll with high tear strength.

Application

EcoBlanket is intended for use as a general purpose thermal and acoustic product for a wide range of applications.

Standards

EcoBlanket is non-combustible inorganic glass wool, defined as mineral wool in EN ISO 9229 and are manufactured in accordance with Quality Assurance Standard EN ISO 9001 and Product Standard NS-EN 13162.

Durability

EcoBlanket is rot proof, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria, it is odourless and non - hygroscopic.

Vapour resistance - resistivity

EcoBlanket offers negligible resistance to the passage of water vapour and has a vapour resistivity of 7.00 MN.s.g.m.

Performance

Thermal

EcoBlanket has a thermal conductivity of 0.037W/mK.

Fire

EcoBlanket is classified as Euroclass A1 to EN ISO 13501-1.

Acoustics

EcoBlanket has excellent sound absorption performance.

CE-labelling

EcoBatt is CE-labelled. That is the visual proof that the product meets the standard for mineral wool – NS-EN 13162.

Benefits

- Euroclass A1 to EN ISO 13501-1
- Lightweight and economic insulation quilt
- Exceptionally high tear strength
- Combines excellent thermal and acoustic insulation
- Quick and easy to use and install
- Lightweight and easy to handle
- Produced with a high content of recycled glass
- Designed for friction or press fitting

EcoBlanket

Environmental

EcoBlanket is free from CFCs, HCFCs and any other material with ozone depletion potential in its manufacture and content and represents no known threat to the environment. **It's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.**

Handling and Storage

EcoBlanket is easy to handle and install, being lightweight and easily cut to size, where necessary. EcoBlanket is supplied in polythene packs which are designed for short term protection only. For longer term protection on site, the product should either be stored inside, or under cover and off the ground. Installation instructions are on every pack. EcoBlanket should not be left permanently exposed to the elements.

Thickness	Thermal conductivity	Thermal resistance	Width	Length	Area per pack
(mm)	(W/mK)	(m ² K/W)	(mm)	(mm)	(m ²)
EcoBlanket					
50	0.037	1.35	2 x 570	9900	11.29
70	0.037	1.85	2 x 570	7620	8.69
100	0.037	2.70	2 x 570	5840	6.66
150	0.037	4.05	2 x 570	4360	4.97
200	0.037	5.40	2 x 570	3510	4.00
250	0.037	6.75	2 x 570	2930	3.34

Note: Other thicknesses are available but subject to availability and request.
Also available in λ 0,035 and 0,039. Each roll is partially cut so that it can be split into 2 roll widths at 570mm wide or used as a full width of 1140mm wide.



Knauf Insulation mineral wool products with ECOSE® Technology benefit from a revolutionary, bio-based, formaldehyde-free binder technology, based on rapidly renewable materials, instead of petro-based chemicals. It reduces embodied energy and delivers superior environmental sustainability. 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. Insulation products made with ECOSE® Technology contain no dye or artificial colours – the colour is completely natural

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