

LOFT ROLL

November 2018



APPLICATIONS



DESCRIPTION

Loft Roll is a flexible low density glass mineral wool quilt which is lightweight, resilient and non combustible. It is for use in pitched roof construction at ceiling level.

PERFORMANCE

Thermal

Classification: 0.044W/mK

Fire

Classification: Euroclass A1 to BS EN 13501-1.

Vapour resistivity

Water vapour resistivity: 5.00MNs/g.m

BENEFITS

- ✓ Lightweight, and easy to install
- ✓ Long roll lengths for quick and economic Installation

SPECIFICATIONS

Facing	Thickness (mm)	Length (m)	Width (mm)	Area per pack (m ²)	Thermal Conductivity (W/m.K)	R Value (m ² .K/W)	Density kg /m ³	Rolls per pack
Unfaced	100	14	1200	16.80	0.044	2.27	10	1

All dimensions are nominal.

CERTIFICATION



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ADDITIONAL INFORMATION

Application

Loft Roll is primarily used for the thermal insulation of pitched roofs at ceiling level, it can also be used to thermally insulate floors. When used at ceiling level it is usually laid in two layers, with the first layer between the joists and the second layer over, and at right angles to the joists.

Standards

Loft Roll is manufactured in accordance with BS EN 13162, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

Certification

Loft Rolls are certified under UL 723, DCL Product Conformity, EUCEB for conformity of fibres produced with the requirements of Note Q of the Regulation (EC) No 1272.2008 of EP and EC, EUROFIN Indoor Air Quality Gold, SASO Product Conformity.

Durability

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

Environmental

Loft Roll represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Handling and storage

Loft Roll is easy to handle and install, being lightweight and easily cut to size, where necessary. It is supplied enclosed in polythene which is designed for short term protection only. For longer term protection on site, the product should be stored either indoors, or under cover and off the ground.

Loft Roll should not be left permanently exposed to the elements.



Knauf Insulation mineral wool products made with ECOSE Technology® benefit from a no added formaldehyde binder, which is up to 70% less energy intensive than traditional binders and is made from rapidly renewable bio-based materials instead of petroleum-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. Insulation products made with ECOSE Technology® contain no dye or artificial colours.

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KINE3888DAT - V1118

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