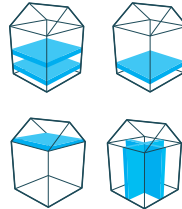


EARTHWOOL OMNIFIT ROLL

March 2018



APPLICATIONS



DESCRIPTION

Earthwool OmniFit Roll is designed to provide both thermal and acoustic performance having superior thermal performance than standard loft rolls, and the required acoustic performance for use in acoustic applications such as separating floors and internal walls and floors. OmniFit Roll is provided partially perforated to allow use between joists and studs at either 400mm or 600mm centres.

PERFORMANCE

Thermal

Thermal conductivity: 0.040 W/mK.

Fire

Classification: EUROCLASS A1 to BS EN 13501-1.

Vapour resistivity

Water vapour resistivity: 5.00MNs/g.m.

Acoustic

Minimum density: 10.5kg/m³

BENEFITS

- ✓ Euroclass A1 non-combustible
- ✓ Better thermal performance than standard loft rolls
- ✓ Friction fits between studs and joists
- ✓ Easy to handle and install
- ✓ Provides excellent acoustic performance
- ✓ Suitable for a wide variety of applications

SPECIFICATIONS

Thickness (mm)	Thermal conductivity (W/mK)	Thermal resistance (m ² K/W)	Length (m)	Width (mm)	Area per pack (m ²)
200	0.040	5.00	3.40	1200 (2x600 or 3x400)	4.08
150	0.040	3.75	4.55	1200 (2x600 or 3x400)	5.46
100	0.040	2.50	6.80	1200 (2x600 or 3x400)	8.16

CERTIFICATION



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ADDITIONAL INFORMATION

Durability

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

Application

Earthwool OmniFit Roll is typically used for the thermal and acoustic insulation of a wide variety of constructions such as pitched roof at ceiling level (loft insulation), internal partitions, internal floors, and timber floors.

Standards

Earthwool OmniFit Roll is manufactured in accordance with BS EN 13162, ISO 50001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

Environmental

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

Earthwool OmniFit Roll is certified under the BRE Environment Profile Certification Scheme and achieves an BRE Ecopoints score of 0.0133 Ecopoints and is confirmed by the BRE as achieving an A+ Green Guide Rating the relevant certificate is ENP: 506e. This can be downloaded from [here](#).¹ A Verified Environmental Product Declaration (EPD) is available for Earthwool OmniFit Roll. The relevant document is BREG EN EPD No; 000059 and is verified by the BRE. This can be downloaded from [here](#).²

Vapour resistivity

Earthwool OmniFit Roll offers negligible resistance to the passage of water vapour and has a water vapour resistivity of 5.00MN/g.m.

Handling and storage

Earthwool OmniFit Roll is easy to handle and install, being lightweight and easily cut to size, where necessary. Earthwool OmniFit Roll 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 indoors, or under cover and off the ground. Earthwool OmniFit 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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