

EARTHWOOL UNIVERSAL ROLL

March 2018



APPLICATIONS



DESCRIPTION

Universal Roll is uncut at a width of 1200mm for use as a general purpose thermal and acoustic building roll. This product is ideal for topping up existing 20mm or 40mm loft insulation to provide 100mm between joists prior to overlaying with additional layers of Earthwool Loft Roll.

PERFORMANCE

Thermal

Thermal conductivity: 0.044 W/mK

Fire

Classification: EUROCLASS A1 to BS EN 13501-1

Vapour resistivity

Water vapour resistivity: 5.00MN/g.m

BENEFITS

- ✓ Lightweight quilt for ease of installation
- ✓ Provides thermal and acoustic performance
- ✓ Ideal for topping up existing loft insulation

SPECIFICATIONS

Thickness (mm)	Thermal conductivity (W/mK)	Thermal resistance (m ² K/W)	Length (m)	Width (mm)	Area per pack (m ²)
80	0.044	1.80	11.25	1200	13.50
60	0.044	1.35	2x7.50	1200	18.00

All dimensions are nominal

CERTIFICATION



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ADDITIONAL INFORMATION

Durability

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

Application

Earthwool Universal Roll is uncut at 1200mm wide for use as a general purpose thermal and acoustic building roll in a wide variety of applications.

Standards

Earthwool Universal Roll is manufactured in accordance with BS EN 13162, EN 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 Universal Roll represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Vapour resistivity

Earthwool Universal 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 Universal Roll is easy to handle and install, being lightweight and easily cut to size, where necessary. Earthwool Universal 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 Universal 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.

Knauf Insulation Ltd

PO Box 10, Stafford Road, St.Helens,
Merseyside, WA10 3NS. UK

Customer Service: 0844 800 0135

Technical Support Team: 01744 766 666

Literature: 08700 668 660

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