

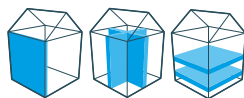
CAVITY ROLL

January 2018



with **ECOSE** TECHNOLOGY

APPLICATIONS



DESCRIPTION

Conveniently packaged as two separate ready-cut 600mm wide rolls suitable for friction-fit installation in residential or commercial applications within timber or metal frame systems. This permits faster installation including drywall partitioning. The product also provides R-values recognised in South Africa. Cavity Roll is non-combustible.

PERFORMANCE

Thermal

R-value: 1.34 to 2.70 m²K/W

Fire

Classification: EUROCLASS A1 to BS EN 13501-1.



Vapour resistivity

Water vapour resistivity: 5.00MNs/g.m.


BENEFITS


- ✓ All the benefits of Cavity Batt in a Roll
- ✓ Lightweight, easy to install quickly
- ✓ Dimensions to suit studs and joists at 600mm centres
- ✓ Long roll lengths for quick and economic installation
- ✓ Friction fits between studs, ensuring continuity of the absorbent layer with no air gaps
- ✓ High level of thermal performance

SPECIFICATIONS

Thickness (mm)	R-value (m ² K/W)		R-value (m ² K/W)		Length (m)	Width (mm)	Area per pack (m ²)	NRC
100	2.63		2.70		7.50	1200 (2x600)	9.00	1
63	1.65		1.70		12.00	1200 (2x600)	14.40	
51	1.34		1.35		14.00	1200 (2x600)	16.80	0.77

All dimensions are nominal

 South African R-values calculated assuming 23°C mean temperature.

 Euro R-values based on 10°C mean temperature, calculated according to requirements of EN ISO 90:90 for declaring thermal performance and following the European norm standard including audited factory production control.

CERTIFICATION



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ADDITIONAL INFORMATION

Durability

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

Application

Cavity Roll is specifically designed for friction fitting between joists and studs at 600mm centres to improve the sound insulation of:

- separating walls and floors
- internal walls and floors
- timber and metal stud partitions and walls

Cavity Roll is also designed for fast installation.

Standards

Cavity 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

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

Vapour resistivity

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

Handling and storage

Cavity Roll is easy to handle and install, being lightweight and easily cut to size, where necessary. It is supplied in polythene packs which are 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. Cavity 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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