

CEILING ROLL (MULTI PACK)

August 2018

APPLICATIONS



DESCRIPTION

Ceiling Roll (Multi Pack) is a Glass Mineral Wool roll that has a Euroclass A1 non-combustible reaction to fire rating and is manufactured using our revolutionary ECOSE® technology.

Ceiling rolls provide installers with flexibility of being used as a complete 100mm deep roll or as 2 x 50mm deep rolls. Rolls can easily be cut to suit joist centres.

Our advanced compression packaging technology ensures more insulation per pack, saving on transportation, storage space and reducing the amount of handling.

PERFORMANCE

Thermal R-value:	50mm 1.05m ² K/W, 100mm 2.10m ² K/W
Fire Classification: In accordance with SANS 428:2012:	EUROCLASS A1 to BS EN 13501-1. A / A1 / 1 SANS 10177-5 A - Non Combustible SANS 10177-10 A1 - No flame spread
Vapour resistivity Water vapour resistivity:	5.00MN/g.m.


BENEFITS

- ✓ Non-combustible
- ✓ Multi-roll pack; can be used as 1 x 100mm roll or 2 x 50mm rolls
- ✓ Lightweight quilt for ease of installation
- ✓ Economical packs for less storage and handling
- ✓ Manufactured with ECOSE® Technology for improved handling and installation.

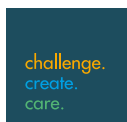
SPECIFICATIONS

Thickness (mm)	R-value (m ² K/W)	Length (m)	Width (mm)	Area per pack (m ²)	NRC
50	1.05	27.00*	1200	32.40	0.81
100	2.10	13.5	1200	16.20	1.04

*Combined length of 2 x 50mm rolls

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

CERTIFICATION



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ADDITIONAL INFORMATION

Durability

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

Application

Ceiling Rolls are used for the thermal insulation of pitched roofs at Ceiling level. Ceiling Roll (Multi Pack) can be installed as a 50mm or 100mm layer. For 100mm unroll the product and leave both layers together to form 100mm depth. For 50mm insulation, unroll the product as 100mm and then turn over the top layer into the next set of joists to create a 50mm installation. This is also a faster method of installation for 50mm.

Standards

Ceiling Roll (Multi Pack) is manufactured in factories that are certified by Bureau Veritas to the following management system standards: EN 50001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems. These factories also produce materials compliant with the European product standard for insulation materials EN 13162.

Environmental

Ceiling Roll (Multi Pack) represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Vapour resistivity

Ceiling Roll (Multi Pack) offers negligible resistance to the passage of water vapour and has a vapour resistivity of 5.00MN/g.m.

Handling and storage

Ceiling Roll (Multi Pack) is easy to handle and install, being lightweight and easy to cut to size when required. 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. Ceiling Roll (Multi Pack) 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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