

CEILING ROLLS (COMBI-CUT)

July 2021



APPLICATIONS



DESCRIPTION

Knauf Insulation Ceiling Rolls (Combi-cut) are Glass Mineral Wool rolls, designed for use in cold lofts where pitched roofs are insulated at ceiling level.

Combi-cut rolls have partially cut perforations allowing ease of separation into roll widths to suit joist centres at 750mm without having to measure or use tools. 750mm joist centres are installed using 1 x 800mm or 2 x 400mm widths.

They are non-combustible with the best possible Euroclass A1 reaction to fire classification, and are manufactured using Knauf Insulation's unique bio-based binder, ECOSE® Technology.

PERFORMANCE

Thermal

R-value: 1.25 to 3.38 m²K/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: 5.00 MNs/g.m.

BENEFITS

- ✓ Lightweight quilt for ease of installation
- ✓ Economical packs for less storage and handling
- ✓ Manufactured with ECOSE® Technology for improved handling and installation.

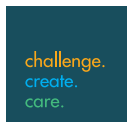
SPECIFICATIONS

Thickness (mm)	R-value (m ² K/W)		Length (m)	Width (mm)	Area per pack (m ²)	NRC	Product code
135	3.38*		7.50	1200mm (800 + 400mm)	9.00	1.13	632899
100	2.50*		10.10	1200mm (800 + 400mm)	12.12	1.04	632858
75	1.88*		12.80	1200mm (800 + 400mm)	15.36	0.93	597309
50	1.25*		19.00	1200mm (800 + 400mm)	22.80	0.81	632897

*products designed to meet the requirements of thermal legislation of South African climate zones

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

CERTIFICATIONS, CLASSIFICATIONS AND INDUSTRY STANDARDS



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ADDITIONAL INFORMATION

Durability

Ceiling Rolls (Combi-cut) are odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Application

Ceiling Rolls (Combi-cut) are primarily used for the thermal insulation of pitched roofs at ceiling level. When used at ceiling level it is usually laid in one or two layers, with the first layer between the joists and the second layer over and at right angles to the joists.

Standards and certification

Ceiling Rolls (Combi-cut) are manufactured in accordance with BS EN 13162, ISO 50001 Energy Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management systems, as certified by TÜV Nord. All our Glass Mineral Wool products have been awarded the DECLARE 'Red List Free' label. Having the 'Red List Free' label means that there are no ingredients in the product that are on the red list - including formaldehyde or phenol.

Environmental

Ceiling Rolls (Combi-cut) contain no ozone-depleting substances or greenhouse gases. For further environmental information consult the relevant Environmental Product Declaration, available on our website.

Vapour resistivity

Ceiling Rolls (Combi-cut) offer negligible resistance to the passage of water vapour and has a vapour resistivity of 5.00MN/g.m.

Handling and storage

Ceiling Rolls are easy to handle and install, being lightweight and easily cut to size, where necessary. Ceiling Rolls are supplied in recyclable polythene packs (4-LDPE) 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. Ceiling Rolls should not be left permanently exposed to the elements.



ECOSE® Technology is our unique bio-based binder, that is used in the manufacture of all of our Glass Mineral Wool products and the majority of our Rock Mineral Wool products, to bind insulation strands together. ECOSE® Technology contains no added formaldehyde or phenol. It is made from natural raw materials that are rapidly renewable and is 70% less energy-intensive to manufacture than traditional binders, so it is more environmentally-friendly. Products made with ECOSE® Technology generate low levels of dust and VOCs and have been awarded the Eurofins Gold Certificate for Indoor Air Comfort.

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challenge.
create.
care.