



Crown Loft Roll 44

Description

Crown Loft Roll 44 is a flexible, shot-free, unfaced, low density glass mineral wool quilt which is lightweight, flexible, resilient and non-combustible.

The rolls are 1160mm wide and partially perforated to produce either 2 rolls 580mm wide or 3 rolls 386mm wide.

Product Data

Thickness	Thermal conductivity	Thermal resistance	Width	Length	Area per pack
(mm)	(W/mK)	(m ² K/W)	(mm)	(m)	(m ²)

Crown Loft Roll 44 (Combi-cut)

200	0.044	4.50	1160/2 x 580/3 x 386	5.20	6.03
170	0.044	3.85	1160/2 x 580/3 x 386	7.03	8.15
150	0.044	3.40	1160/2 x 580/3 x 386	8.05	9.34
100	0.044	2.25	1160/2 x 580/3 x 386	12.18	14.13

Crown Loft Roll 44 (Ready-cut)

200	0.044	4.50	2 x 580	5.20	6.03
200	0.044	4.50	3 x 386	5.20	6.03
170	0.044	3.85	2 x 580	7.03	8.15
170	0.044	3.85	3 x 386	7.03	8.15
150	0.044	3.40	2 x 580	8.05	9.34
150	0.044	3.40	3 x 386	8.05	9.34
100	0.044	2.25	2 x 580	12.18	14.13
100	0.044	2.25	3 x 386	12.18	14.13

All dimensions are nominal

Performance

Thermal

Crown Loft Roll 44 has a thermal conductivity of 0.044 W/mK.

Fire

Crown Loft Roll 44 is classified as Euroclass A1 to BS EN ISO 13501-1.

Benefits

- Lightweight and economic insulation quilt
- Produced for use with timber joists at 400mm and 600mm centres
- Partially cut perforations
- Combines thermal, acoustic and fire performance



Application

Crown Loft Roll 44 is primarily used for the thermal insulation of pitched roofs at ceiling level. However, it can also be used to thermally insulate floors and partitions, or wherever a lightweight mineral wool quilt is required.

When used to insulate at ceiling level it is usually laid in two layers, with the first layer between the joists and the second layer at right angles to the joists.

Standards

Crown Loft Roll 44 is a non-combustible, inorganic glass wool, defined as mineral wool in BS 3533: 1981 and is manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001: 2000.

Durability

Crown Loft Roll 44 is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Environmental

Crown Loft Roll 44 is free from CFCs, HCFCs and any other material with ozone depletion potential in its manufacture and content and represents no known threat to the environment.

Crown Loft Roll 44 has a Global Warming Potential of less than 5.

Handling and Storage

Crown Loft Roll 44 is easy to handle and install, being lightweight and easily cut to size.

It is supplied in polythene packs which is 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. Installation instructions are on every pack.

Crown Loft Roll 44 should not be left permanently exposed to the elements.

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For more information please refer to the Knauf Insulation, Insulation Solutions for Buildings binder sections:
Pitched Roofs – New Build and Upgrade: Residential
Ref: B/R/PR/1
Loft Conversions: Residential
Ref: B/R/PR/2
Pitched Roofs: Non-Residential
Ref: B/NR/PR/1

Ref: CD56206

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