

ROULROCK KRAFT

Stone wool rolls faced with a polyethylene kraft paper vapour barrier to be unrolled on a horizontal loft space floor board.



FIRE SAFETY

■ Reaction to fire

No determined performance (Euroclass F).

Use authorised in Buildings Open to the Public (E.R.P - Etablissement Recevant du Public) under article AM8 of the order of 6 October 2004 and its addition of 4 July 2007.

CERTIFICATES

■ ACERMI
02/015/001

■ KEYMARK
008-SDG5-001

■ DoP
CPR- DoP-FR-023

ADVANTAGES

- Quick to unroll on a flat floor

TECHNICAL CHARACTERISTICS

Weight characteristics	Performance
Thermal conductivity (W/m.K)	0.042 / 0.039
Reaction to fire (Euroclass)	F*
Nominal density (kg/m³)	21 to 26
Thickness tolerance	T1
Dimensional stability under specified temperature and humidity conditions	DS(TH)
Short term water absorption	WS
Health labelling	A+

* no performance determined

REFERENCES, PACKING

Reference	Dimensions L x W x t (mm)	Thermal resistance (m².K/W)	Number of units / packages	Number of m²/ package	Number of packages / pallet	Number of m²/ pallet
53435	8000 x 1200 x 60	1.40	1	9.60	18	172.80
53436	6000 x 1200 x 80	1.90	1	7.20	18	129.60
53437	5000 x 1200 x 100	2.35	1	6.00	18	108.00
59419	4000 x 1200 x 120	2.85	1	4.80	18	86.40
59420	3500 x 1200 x 140	3.30	1	4.20	18	75.60
63555	3000 x 1200 x 160	3.80	1	3.60	18	64.80
63479	2700 x 1200 x 180	4.25	1	3.24	18	58.32
74745	2200 x 1200 x 200	5.10	1	2.64	18	47.52



APPLICATION

■ Step 1: Preparing the work site

■ Calculating the number of rolls

$$\text{Number of rolls} = \frac{\text{loft area (m}^2\text{)}}{\text{area of a roll (m}^2\text{)}} \times \text{number of layers}$$

The packages can be taken up into the loft as needed or all at the same time if they can be placed on structures (frames or floors) and are not a hindrance during application.

This technique only needs one person.

■ Step 2: Laying the insulation

The insulation must be placed between frames or on the flat floor with the vapour barrier arranged against the ceiling. The roll packages must only be opened in the loft.

When laying between frames it is preferable to cut the tools to the spacing width before opening them. Once opened the rolls unroll almost on their own. They must be positioned to provide perfect continuity of the insulating layer.

They must be in contact with the gable walls and placed at the level of the undersides of the roof slope up to the bottom rails. The insulation must not be compressed in thickness because this will damage the ceiling facings or reduce the thermal performance of the product. Between frames, check that the insulation is in good contact with the ceiling and that it actually passes under the frames.

When laying in two or more layers the vapour barriers on the upper layers must be perforated or slashed.

Storing objects on the insulation is not authorised.

Moving around on the insulation is prohibited. If movement becomes necessary for maintenance reasons, the insulation must be cleared from the path and put back in place after the work.

■ Insulating an access hatch:

The access hatch for a horizontal loft space must be insulated by inserting a panel of insulation cut to the shape of the hatch. The edge of the access hatch must be fitted with a rubber seal or equivalent to provide airtightness. The thermal resistance of the insulation used on the hatch must be equal to that of the rest of the loft space if it is situated above a heated room.

■ Special case where a floor is laid in an unused loft space to store objects or ease any movements:

When a partial or complete division surface (floor on joists, particle boards, circulation path, etc.) is placed above the insulation there is a risk of condensation. In particular on the underside of this surface if it has low permeability compared to the permeability of the lower layers comprising the floor before insulation (ceiling of the lower storey) and the insulation. A vapour barrier sheet must be laid on the ceiling before applying the insulation and 2 cm ventilation must be allowed between the insulation and the underside of the floor.