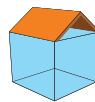




July 2011

## Knauf Insulation KR SK



Insulation slab for pitched roof

### Description

Knauf Insulation KR SK is a compact rock mineral wool slab with stable density which belongs to the soft products. The product is incombustible, resistant to high temperatures, water-repellent, resistant to aging and chemically neutral.

### Dimensions and packages

Thickness [mm]	Length [mm]	Width [mm]	Pieces per package	m <sup>2</sup> /package	m <sup>3</sup> /package
50	1000	600	12	7.20	0.36
60	1000	600	9	5.40	0.32
70	1000	600	8	4.80	0.34
80	1000	600	6	3.60	0.29
90	1000	600	6	3.60	0.32
100	1000	600	6	3.60	0.36
120	1000	600	5	3.00	0.36

### Basic characteristics

#### Thermal insulation

Low thermal conductivity coefficient

#### Fire protection

Reaction to fire Class A1, incombustible material

#### Sound insulation

Excellent sound insulation due to dense fibre structure of the material

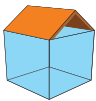
### Advantages

- Stability and compactness
- Resistance to aging
- Self-supporting material: enabled by cutting the slabs to be 1 cm wider than the width between the rafters
- The material meets health safety and environmental requirements
- Simple and quick installation

## Knauf Insulation KR SK

### Technical characteristics

Characteristic	Unit	Value
Thermal conductivity coefficient $\lambda_D$	W/mK	0,038
Reaction to fire Class	–	A1 – incombustible material
Airflow resistance $r$	kNs/m <sup>2</sup>	> 5



### Application

The product is intended for thermal and sound insulation, as well as for fire protection of pitched roofs and in all places where the insulation is not subjected to pressure load. Depending on the ventilation degree of the roof structure and/or the layer above the insulation material, installation of vapour barrier is mandatory on the warmer side of the roof insulation. If the ventilation of the roof structure is intensive, use of vapour barrier is recommended.

### Packaging and storing

The product KR SK is delivered in PE heat-shrinking foil. The products must be stored indoors or under roof. In exceptional situations, the packages stored outdoors should be protected by watertight foil. The packages must not be placed directly on the ground.

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