



March 2010

Rocksilk Pitched Roof Slab

For pitched roofs

Description

Rocksilk Pitched Roof Slab is a high density, compression resistant, water repellent, rock mineral wool slab.

Application

Rocksilk Pitched Roof Slab is specifically designed for the thermal insulation of pitched roofs in over rafter applications.

Standards

Rocksilk Pitched Roof Slab is made of non-combustible inorganic rock mineral wool, defined as mineral wool in BS 3533:1981 and is manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001:2000 and Product Standard EN 13162.

Performance

Thermal

Rocksilk Pitched Roof Slab has a thermal conductivity of 0.038W/mK.

Fire

Rocksilk Pitched Roof Slab is classified as Euroclass A1 to BS EN ISO 13501-1.

Benefits

- Robust and lightweight
- High compressive strength
- Non-combustible
- Excellent acoustic absorption

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Durability

Rocksilk Pitched Roof Slab is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Vapour resistance - resistivity

Rocksilk Pitched Roof Slab offers negligible resistance to the passage of water vapour and has a vapour resistivity of 7.00MN/g.m.

Water resistance

When exposed to 90% relative humidity and 20°C, Rocksilk Pitched Roof Slab absorbs less than 0.004% of moisture. Rocksilk Pitched Roof Slab is non-wicking when tested in accordance with BS 2972:1989 Section 12.

Environmental

Rocksilk Pitched Roof Slab is free from CFCs, HCFCs and any other material with ozone depletion potential in it's manufacture and content and represents no known threat to the environment. **Rocksilk Pitched Roof Slab's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.**

Handling and storage

Rocksilk Pitched Roof Slab is easy to handle and install, being lightweight and easily cut to size, where necessary. Rocksilk Pitched Roof Slab is supplied in polythene packs 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. Rocksilk Pitched Roof Slab should not be left permanently exposed to the elements.

| Thickness (mm) | Thermal conductivity (W/mK) | Thermal resistance (m ² K/W) | Length (mm) | Width (mm) | Slabs per pack | Area per pack (m ²) |
|-------------------|--------------------------------|--|----------------|---------------|----------------|------------------------------------|
| 70 | 0.038 | 1.80 | 1800 | 600 | 32 | 34.56 |
| 50 | 0.038 | 1.30 | 1800 | 600 | 46 | 49.68 |

All dimensions are nominal

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