



Icerock Ductwrap

Description

Icerock Ductwrap is a strong, flexible roll of non-combustible rock mineral wool with a Bright Class 'O' reinforced aluminium foil facing on one side.

Application

Icerock Ductwrap is for the thermal insulation of round, oval and square internal ductwork operating at temperatures up to 200°C.

Icerock Ductwrap can also be used for the thermal insulation of cold water storage, feed and expansion tanks.

Standards

Icerock Ductwrap is made from non-combustible, inorganic rock wool, defined as mineral wool in BS 3533:1981. It complies with BS 3958: Part 5 and with the requirements of BS 5422 and BS 5970. It is manufactured to a Quality Assurance system which complies with BS EN ISO 9001:2000.

Product Data

Thickness (mm)	Thermal conductivity (W/mK)	Thermal resistance (m ² K/W)	Length (m)	Width (mm)	Area per pack (m ²)
50	0.033	1.50	7.50	900	6.75
40	0.033	1.20	8.50	900	7.65
25	0.033	0.75	10.00	900	9.00

All dimensions are nominal

Performance

Thermal

The thermal conductivity of Icerock Ductwrap is 0.033W/mK at 10°C.

Fire

The rock mineral wool of Icerock Ductwrap is classified as non-combustible to BS 476: Part 4: 1970 (1984), Class 1 Surface Spread of Flame to BS 476: Part 7: 1997. The base rock mineral wool and the foil facing comply with the Class 'O' requirements of the Building Regulations when tested to BS 476: Part 6: 1989 and Part 7: 1997.

Benefits

- Non-combustible
- Acoustically absorbent
- Easy to handle and install
- Superior foil finish



Acoustic Performance

Icerock Ductwrap can be used for noise control of ductwork. The lightweight, fire safe and robust nature combined with excellent sound absorption characteristics make it an ideal choice for sound attenuation applications.

Fire Performance

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Operating Temperatures

Icerock Ductwrap can be used with operating temperatures up to 200°C and down to cryogenic temperatures, provided that a 100% vapour barrier is installed. The surface temperature of the facing should not exceed 80°C.

Durability

The mineral wool of Icerock Ductwrap is odourless, non-hygroscopic, rot proof, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Environmental

Icerock Ductwrap 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.

Icerock Ductwrap's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.

Handling and Storage

Icerock Ductwrap is easy to handle and install, being lightweight and easily cut to size.

Icerock Ductwrap is supplied shrink wrapped in polythene, 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.

Icerock Ductwrap should not be left permanently exposed to the elements.

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