

Rocsulate™

Description

Rocsulate is a binder free, felt-like thermal insulating blanket manufactured from mineral fibres, using a patented process to mechanically link the fibres together.



It is designed for use in high temperature thermal insulation applications and does not emit odours when taken up to temperature.

Rocsulate is available in rolls and can be die-cut to size and shape. It can be faced or totally enclosed in a wide range of materials including aluminium foil and glass cloth.

Colour - Greyish Green

Application

Rocsulate is used extensively for the thermal insulation of domestic cookers, microwave ovens, boilers, industrial and commercial catering equipment, heat shields, industrial and domestic flues.

Operating Temperature

Rocsulate can be used at continuous operating temperatures up to 700°C.

Fire Performance

Rocsulate is non-combustible, when tested to IMO Res A 472 (XII), NT Fire 001, ISO 1182:E.

Thermal Conductivity

Temperature °C	Thermal Conductivity W/mK	Shrinkage %
10	0.033	0
100	0.043	0
200	0.057	0
300	0.075	0
400	0.112	0
500	0.145	0.2
600	0.182	1.1
700	0.225	1.5

Data Sheet
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Acoustic Performance

Product	Thickness mm	Sound Absorption Coefficient					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Rocsulate	20	0.05	0.15	0.37	0.58	0.71	0.78

Dimensions and Density

Thickness mm	Roll Length m	Roll Width mm	Nominal Density kg/m ³
7	22	1000	120 to 160
10	12	1000	120 to 160
15	12	1000	120 to 160
20	7.62	1000	120 to 160

Handling and Storage

Care should be taken when handling **Rocsulate** to maintain its dimensional stability. Binder free fibres are easily distorted and pulled out of shape.

Rocsulate should be stored inside and under cover in a dry, well-ventilated area.

Permanence

Rocsulate is rot-proof, odourless, non-hygroscopic and will not encourage the growth of fungi, mould or bacteria.

For Further Information

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