

SPACETHERM[®] A-RATED

Spacetherm A-Rated

Product specification to be Spacetherm A-Rated by The A. Proctor Group, Blairgowrie

Manufacturer

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Detailed Description

Insulation to be used shall be Spacetherm A-Rated supplied by The A. Proctor Group, Blairgowrie. Spacetherm high performance thermal insulation blanket which can be supplied sheet form.

Product

Product performance specification as follows:

Thickness

Thicknesses available are 5mm and 10mm (subject to availability).

Sheet Size

2400mm x 1200mm – others sizes may be available upon request.

Material

Fibre reinforced Silica Aerogel.

Certification

Minimum required: Not applicable.

Technical Properties

- Thermal Conductivity: to be no greater than 0.0195W/mK when tested to EN12667.
- Water vapour transmission: to be no less than 242 g/m²/day when tested to EN12086.
- Reaction to Fire: to be no worse than Class A1 non-combustible when tested to EN13501.
- Compressive stress: to be no less than 37kPa tested to EN826.
- Weight: to be no less than 187 kg/m³.
- Operating Temperature: -100°C to +650°C.
- Short term water absorption by partial immersion: to be no greater than $W_p \leq 0.01 \text{ kg/m}^2$ when tested to EN1609.
- Dimensional stability: length, width and thickness all to be no higher than 0.2% when tested to EN1604 48h@70°C.

Spacetherm A-Rated is a glass fibre blanket impregnated with silica aerogel producing a highly thermally efficient insulation which surpasses most insulations, mineral and rigid. Spacetherm A-Rated Blanket can be installed in layers, using mechanical fixings such as stickpins, to achieve required thermal performance or overall thickness. As it is A-Rated, it is considered incombustible and can be used where mineral wool may be too great a thickness to employ.

Benefits

- Low thermal conductivity of 0.0195 W/mK.
- Maximum thermal performance in limited space.
- Hydrophobic nature resists water absorption.
- Available cut to any size or shape - contact us for information.
- Does not absorb moisture therefore can be used in direct contact with solid walls.

Product Reference [Spacetherm A-Rated](#)

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