

SPACETHERM[®] CBS (COLD BRIDGE STRIP)

Spacetherm CBS (Cold Bridge Strip)

Product specification to be Spacetherm CBS (Cold Bridge Strip) by The A Proctor Group, Blairgowrie

Manufacturer

Name A Proctor Group Ltd
 Web www.proctorgroup.com
 Email technical@proctorgroup.com
 Tel +44 (0) 1250 872261
 Fax +44 (0) 1250 872727
 Address The Haugh, Blairgowrie, Perthshire PH10 7ER

Detailed Description

Insulation to be used shall be Spacetherm CBS (Cold Bridge Strip) supplied by The A Proctor Group, Blairgowrie.

Spacetherm CBS (Cold Bridge Strip) is a high performance thermal insulation strip encapsulated in polyethylene and with a double sided tape to aid installation.

Product

Product performance specification as follows:

Thickness

Thicknesses to be 10mm or 20mm.

Available in other thicknesses as requested

Sheet Size

Length 1200mm or 2400mm

Width 38mm, 50mm, 75mm or 100mm

Available in other widths as requested

Material

Fibre reinforced silica Aerogel.

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.
- Density: to be no less than 184 kg/m³.
- Operating Temperature: -100°C to +650°C.
- Short term water absorption by partial immersion: to be no greater than Wp ≤0.01kg/m² 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 is a fibrous blanket impregnated with silica aerogel producing a highly thermally efficient insulation which surpasses standard rigid board insulation. Spacetherm CBS takes the Spacetherm A1 Blanket cut to size and encapsulated with polyethylene film, backed with double sided tape for temporary fixing. Used to reduce the effects of cold bridging through steel, timber or concrete.

Spacetherm CBS can be supplied without encapsulation or tape for applications where the enhanced fire performance is required.

SPACETHERM CBS (COLD BRIDGE STRIP)

Benefits

- Thin thermal bridge insulation ideal for timber, steel or concrete frame structures
- Fully encapsulated
- Class leading performance
- Fast and easy fix with adhesive backing
- Constant long term thermal performance 50 years +
- Available to any width or thickness
- Non-hazardous material

Product Reference [Spacetherm CBS \(Cold Bridge Strip\)](#)
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