

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

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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 blanket encapsulated 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.

Certification

Minimum required: ETA-11/0471 details available from The A Proctor Group.

Technical Properties

- Thermal Conductivity: to be no greater than 0.015W/mK when tested to EN12667
- Reaction to Fire: to be no worse than Class C - s1, d0 when tested to EN13501
- Surface Burning Characteristics: should be no worse than Flame Spread Index = <5 Smoke Development Index = 20 when tested to ASTM E84
- Compressive stress at 10% deformation : to be no less than >80kPa tested to EN826
- Density: to be no less than 150 kg/m³
- Maximum Operating Temperature: 200°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
- Susceptibility to mould growth: product should be classified as Mould growth is not possible when tested to CUAP 12.01/36-Annex B
- Dimensional stability: length, width and thickness all to be no less than 1% when tested to EN1604 48h@70°C
- Tensile Strength parallel to faces: to be greater than 200kPa when tested to EN1608
- Compressive creep (4kPa load after 10 years): to be no greater than 1.5% when tested to EN 1606

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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 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.

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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