

SPACETHERM[®] A2 CBS (COLD BRIDGE STRIP)

Spacetherm A2 CBS (Cold Bridge Strip)

Product specification to be Spacetherm A2 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 A2 CBS (Cold Bridge Strip) supplied by The A Proctor Group, Blairgowrie. Spacetherm A2 CBS is a high performance, fire resistant, thermal insulation strip encapsulated in foil tape to Class I and Class 0.

Product

Product performance specification as follows:

Thickness

Thicknesses to be minimum 10mm.
 Available in other thicknesses as requested in multiples 10mm.

Sheet Size

Variable lengths and widths available

Material

Fibre reinforced silica Aerogel. Aluminium foil tape to Class 0 and Class I.

Fixings

Fixings assessed with Spacetherm A2 CBS are recommended to be [Ejot TKE 4.8 x 60](#) or [Ejot JT3-ST-2-6.0 x 60](#) for fixing into timber battens. Due to the nature of the fixings these will self-countersink when used to fix plasterboard therefore providing a flush finish.

Fixing centres should be assessed by the project/structural engineer to ensure that adequate fixings are used to resist any imposed or dead loads, wind loads etc that may be exerted on the insulated panels.

Other fixings are available and may be suitable. Consideration should be made to their fire resistance and advice sought from the fixing manufacturer/suppliers.

Technical Properties

- Thermal Conductivity: Aerogel to be no greater than 0.019W/mK when tested to EN13162
- Reaction to Fire: Aerogel to be no worse than Class A2-s1,d0 when tested to EN13501
- The Aerogel classification applies to the following end-use conditions:
 The building product may be used on all wooden substrates of Euroclass D-s2, d0 and all substrates of Euroclass A1 and A2-s1, d0 with a minimum thickness of 10 mm and a minimum density of 510 kg/m³.
 The building product may be used on metal substrates with a minimum thickness of 0,6 mm, a minimum density of 5887,5 kg/m³ and a minimum melting point of 1000 °C.
- The building product must be fixed mechanically to the substrate.
- The building product may be used with vertical and horizontal joints.
- The building product must be protected from soaking and weathering influences.
- Density: Aerogel to be no less than 190 kg/m³ when tested to DIN EN 1602
- Insulation will withstand temperatures from -50°C to +400°C
- Compressive strength: to be not less than 30 kPa at 10% Compression when tested to DIN EN 826.

Spacetherm A2 CBS is a non-burning, flexible, high performance silica aerogel-based insulation used for exterior and interior applications. Spacetherm A2 CBS is used to optimise the thermal performance of façade systems in a number of applications, including as part of a ventilated façade insulation boards and to provide thermal decoupling of ventilated façade elements.

Spacetherm A2 CBS is also useful in minimising cold bridging around windows such as window reveals and roller shutter cases.

SPACETHERM[®] A2 CBS (COLD BRIDGE STRIP)

Benefits

- Combined fire and thermal properties in a class leading product
- Thin thermal bridge insulation ideal for timber, steel or concrete frame structures
- Fully encapsulated
- Easily installed
- Available to any width or thickness

Product Reference [Spacetherm A2 CBS \(Cold Bridge Strip\)](#)

Issue Date: 23.04.2019