Spacetherm® CBS

THERMAL INSULATION

OVERVIEW

Spacetherm® CBS (Cold Bridge Strip) uses Spacetherm® aerogel insulation encapsulated in Polyethelene for use in the prevention of cold bridging through a component or element of a structure. Spacetherm® CBS is an ideal specification when trying to reduce cold bridging in timber or steel frame structures. Upon request the Spacetherm® CBS can be cut to a variety of widths to suit different applications.

KEY FEATURES

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

INSTALLATION

Peel off release paper to temporarily adhere to structure where required.

CUTTING

Spacetherm® CBS can be cut using scissors or knife. Care should be taken that cutting blades are kept sharp, if using a knife, the angle between the blade and the Spacetherm® CBS should be kept as low as possible. It is advisable to re-seal the ends with tape after cutting is complete.

FIXINGS

Spacetherm® CBS is supplied with double sided adhesive tape for ease of installation. Spacetherm® CBS can be applied to either timber or metal framing systems.

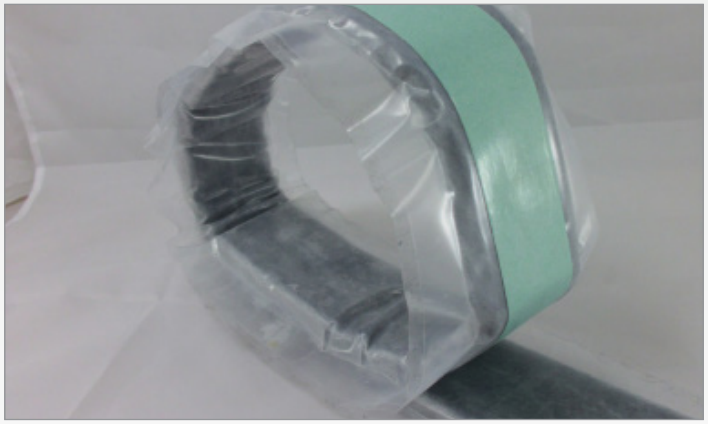

Image showing Spacetherm® CBS components, encapsulated Spacetherm® aerogel insulation.

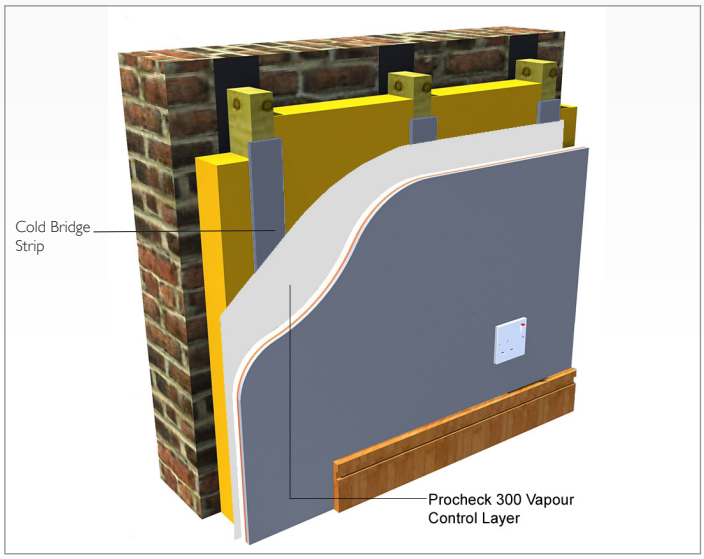

Image showing Spacetherm® CBS applied to a timber frame structure

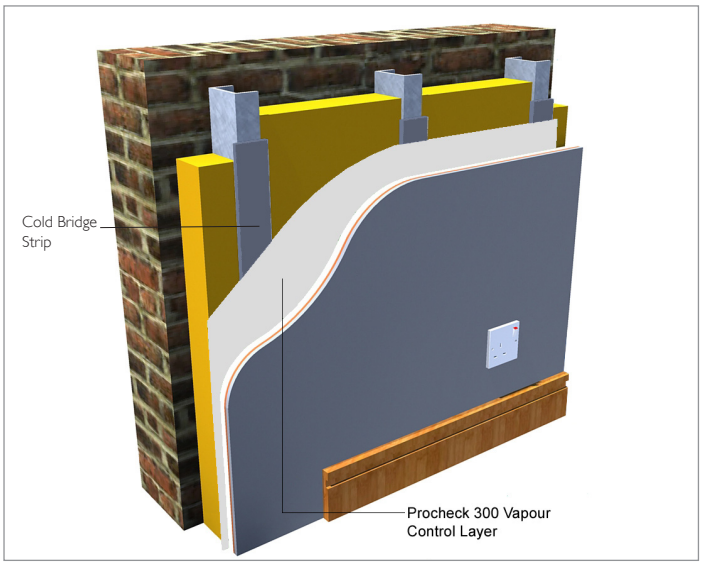

Image showing Spacetherm® CBS applied to a metal frame structure

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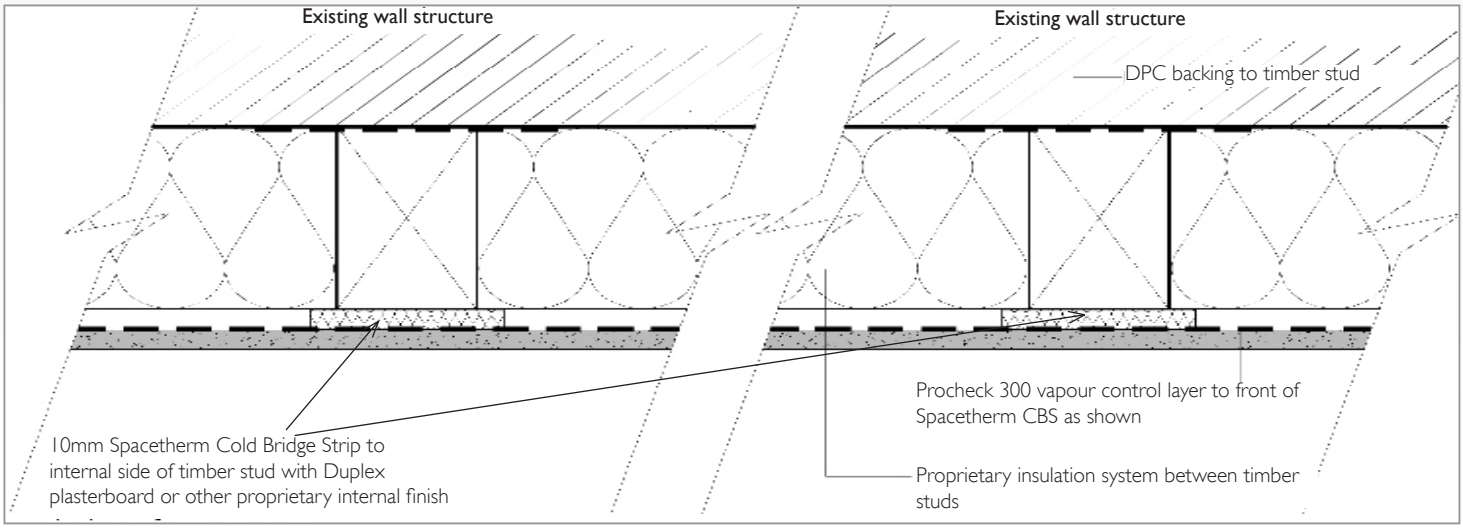
HEALTH & SAFETY

Spacetherm® CBS and in particular the dust produced when cutting and handling the material may cause drying of the skin and therefore gloves and dust masks should be worn when handling the material. Ensure the working space is well ventilated and when necessary appropriate personal protection equipment should be used.

Physical Properties	Result
Width	38, 50, 75 & 100mm
Thickness	10mm / 20mm
K-Factor Aerogel	0.015 W/mK
Fire Resistance Aerogel	Class C-s1, d0 (EN 13501-1)
Vapour Resistance	0.37 MNs/g
Compressive Strength	tbc

For other thicknesses, or for U-value calculations for your project, please contact Technical Services on 01250 872261 or technical@proctorgroup.com



Drawing showing Spacetherm® CBS breaking thermal bridge between timber studs and internal finish

TECHNICAL SERVICES

The A Proctor Group's technical back-up has always been an integral part of our strategic development, with an outlook based on advanced technical solutions, rather than commodity driven. Our dedicated technical team is focussed on providing high quality advice and support to our customers all the way from drawing board to site.

Our experienced in-house technical staff are fully trained on industry-standard software and procedures from across our product ranges allowing our customers to specify and install our products safe in the knowledge that we will assist fully throughout the process.

SAP CALCULATIONS

SAP calculations are used to demonstrate compliance with building regulations as regards energy performance. We provide SAP calculations for domestic projects in Scotland, England, Wales and NI.

TAPERED ROOFING DESIGN

Designing and quoting for cut to falls flat roof insulation (Prodeck). To provide a quotation we require a roof plan, with dimensions and positions of outlets clearly shown, along with the required fall direction.