

CI/SfB	(29)	(K2)
CAW P10		
Uniclass JP10:L68114		



Product Information

Description

Spanatherm is a strong pre-engineered rock fibre movement-joint fire seal, that allows significant movement accommodation at the same time as providing fire integrity, insulation and an effective smoke seal.

Spanatherm is a dense rock mineral fibre board Class A1 board with a bright Class O foil applied to two faces. This provides a vapour barrier and a smoke seal when correctly sealed.

Usage / Purpose

Spanatherm is a cost effective and efficient firestopping for slab edge and curtain walling, for static or movement joints.

Dimensions and Colour

1200 x 600 x 100 mm thick slabs.
(Firetherm also offer a cut to size service for larger projects).
Colour: foil faced both sides

Availability

Direct from tremco illbruck (see back of leaflet for address and telephone details) or through authorised distributors.

Usage Guidelines

Maximum Openings

Facade and internal movement and slab edge seals up to 400 mm (maximum gap width +/- 7.5% movement)

Applications

Spanatherm is a dry fit system designed to be a cost effective and efficient method of firestopping static and movement joints for slab edge/curtain walling or vertical details.

Typical Service Types

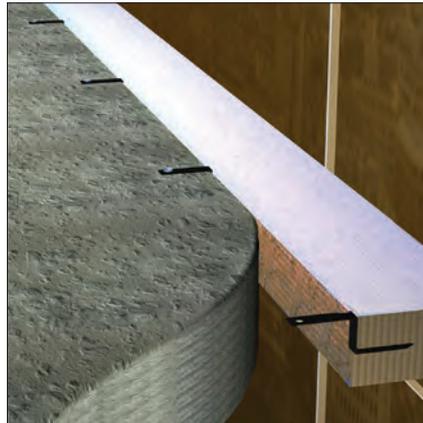
None expected.

Combustible pipework, steel pipework and cables can be accommodated. Please consult Firetherm Technical for detailed solutions.

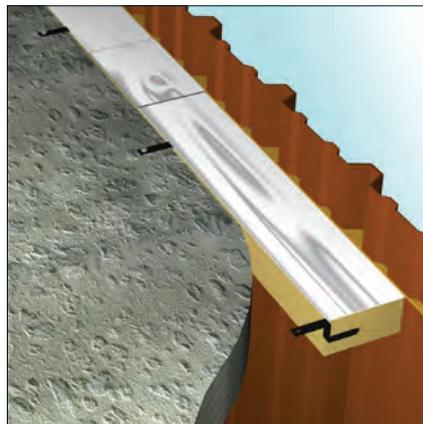
Typical Installation

1. Clean all surfaces to remove loose debris, dirt and grease.
2. Carefully remove Spanatherm from its packaging.
3. Measure the gap width of the opening to be sealed.

Typical Details



Spanatherm

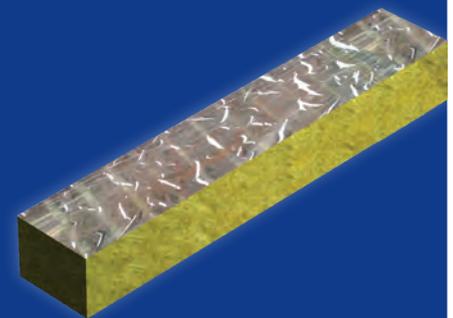


Close up of Spanatherm support bracket

4. Cut the Spanatherm into strips lengthways to the width of opening plus approximately 10% (minimum 5 mm) to ensure a compressed joint.
5. Under compression, install the cut length of Spanatherm. Where the opening width exceeds 50 mm or the cladding system is flexible, edge clips or V-lock spikes will be required to provided sufficient support in relation to gap width.
The clip is fixed into the slab side edge of Spanatherm and mechanically fixed to the top of the floor slab. Clips/ Spikes required: 3 per 1.2 m at 400 mm centres working from the centre line, minimum 2 per cut piece.
6. Butt join additional lengths of Spanatherm along the seal as required.
7. Seal adjoining edges of Spanatherm using suitable adhesive backed foil tape. 50 micron, 100 mm wide tape is recommended and is available from Firetherm. All joints to all substrates should be foil taped using minimum 30 micron 75mm tape, to create a smoke seal.

Spanatherm

Fire Seal



Key Benefits Summary

- Spanatherm has been rigorously tested to BS 476 Pts 20 and 22: 1987 at a UKAS accredited laboratory for up to 120 minutes fire integrity and 90 minutes insulation
- Most economic overall system
- Up to 120 minutes fire protection
- Economic fixings
- Vapour barrier
- Smoke barrier
- Acoustic seal



Spanatherm

Fire Seal



Where it is not possible to scribe the product, discontinuities or irregularities up to 25 mm can be sealed using Intumastic or Intumastic ADL to a 1:1 ratio in conjunction with a minimum 64 kg RF backer to remainder of seal depth. This should only be used in C1, C2 or C3 Environments, For C4 Intusil should be adopted.

When used vertically the smoke seal must be applied to both faces of the product.

NOTE: The Integrity and Insulation rating of this product is limited to the capability of the surrounding substrates, we do not permit the use of this product against combustible cladding.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Storage & Shelf Life

Spanatherm has a 50 year shelf life when stored in shaded, dry conditions between -50°C and +65°C.

Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01322 551010.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.