

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

Product Information

Description

FJ240 Spanatherm is a strong pre-engineered rock fibre movement-joint fire seal, vertical fibre orientation, that allows significant movement accommodation at the same time as providing fire integrity, insulation and an effective smoke seal.

FJ240 is a dense rock mineral fibre board Class A1 core with a BC0 aluminium foil applied to two faces. This provides a vapour barrier and a smoke seal when correctly sealed.

Usage / Purpose

FJ240 is a cost effective and efficient product for compartment reinstatement at edge of slab, or vertically, to external façade of the structure. Suitable for both static or movement joints.

Available Sizes

1200 x 600 x 100 mm thick slabs. Supplied individually (or in pallet quantities).

Availability

Direct from Tremco CPG UK Limited (see details on this TDS).

Usage Guidelines

Always read SDS, pre-application guidance and relevant application detail prior to application. Ensure the latest documents are downloaded prior to every project commencement.

Preparation

- Clean all abutting surfaces, ensuring loose particles, oils, grease and corrosive material have been removed.

Typical Installation

- Measure the gap width of the opening to be sealed.
- Cut FJ240 into strips lengthways to the width of opening plus suitable movement allowance (accommodating a maximum size) plus 5 to 10 mm above maximum gap size expected.
- Under compression, install the cut length of FJ240. Where the opening width exceeds 50 mm or the cladding system is non-fire rated, either 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 FJ240 and mechanically fixed either to top of floor slab (Z-clip), vertical edge of floor slab (V-lock spike) or L-bracket. 3 fixings are required per 1200 mm, minimum 2 per cut piece (maximum 600 mm else 3 fixings required), at maximum 400 mm (200 mm/600 mm/1000 mm from right hand edge). See Fixing Information paragraph below.

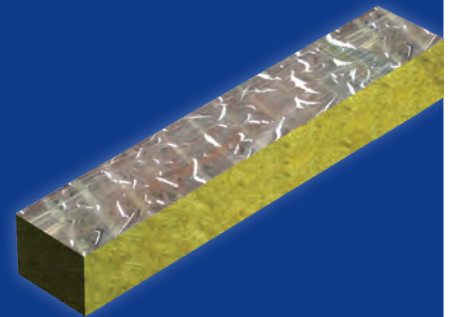
- Butt joint additional lengths of FJ240 to create the seal required.
 - All joints to all substrates, including board to board joints, should be smoke sealed using a minimum 75 mm 30 micron foil tape.
- If area is exposed to high humidity or if moisture is expected, we would recommend a 100 mm 50 micron specialist water resistant tape.
- This should only be used in C1, C2 or C3 Environments.
 - When used vertically the smoke seal must be applied to both faces of the product.

Fixing Information

- Z clips are for vertical and horizontal use, in gaps up to 250 mm.
- V-lock spikes are for vertical and horizontal use, in gaps 250-400 mm.
- L-brackets are for vertical use only, in gaps 50-200 mm.
- All brackets must be cut to permit movement tolerances, and must pass through 75% of the FJ240 width.

FJ240

Spanatherm Cavity Barrier



Key Benefits Summary

- Up to 2 hours integrity and 90 minutes insulation - Tested to BS 476 20-22
- Dry fit system
- Easy to install
- Vapour, smoke and acoustic seal
- Can be installed prior to the application of the cladding system



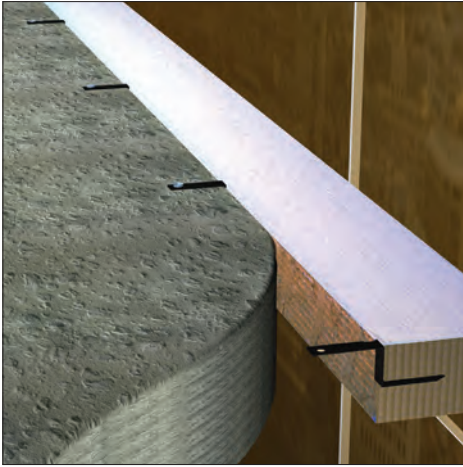
FJ240

Spanatherm Cavity Barrier

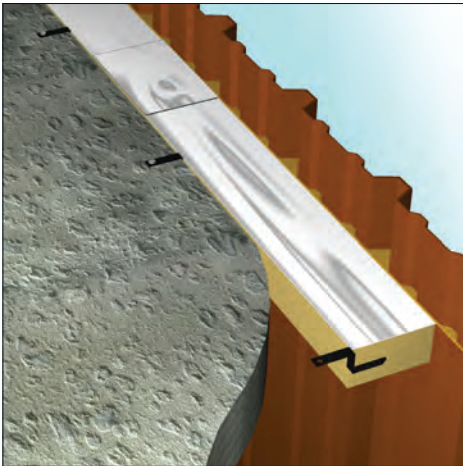
Nullifire

Smart Protection

Typical Details



FJ240 with Z-clips on a non-combustible curtain wall



FJ240 with Z-clips on a steel profile cladding

Important Information

- Maximum tested opening is 400 mm width
- Movement capability is 7.5%
- Can only be cut along the product 1200 mm length
- The Integrity and Insulation rating of FJ240 may be limited to the capability of the surrounding substrates.

Storage

Store in dry conditions between -10°C and +70°C. Do not store directly on concrete floors.

Shelf Life

Unlimited when stored as recommended.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

Tremco CPG UK Limited 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 +44 (0)1322 551010.

Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, 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 CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.