Technical Data Sheet

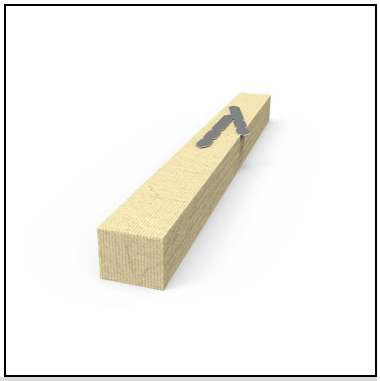
FJ260

Cavity Barrier

25-02-2025 / V 2

Description

FJ260 Cavity Barrier is a close state cavity barrier made of rock mineral wool and designed to maintain the required fire resistance when following fire compartment lines.



Features and Benefits

- Up to 2 hours fire resistance tested to EN 1366-4 (up to EI 120)
- Reaction to Fire class A1 (unfaced)
- Suitable for cavities up to 600 mm
- Easy to install
- Tested including SFS Systems with calcium silicate or cement particle boards
- Suitable for use vertically and horizontally
- No maintenance required after installation

Usage Purpose

FJ260 Cavity Barrier is used as a cavity barrier, within external wall cavities in all required locations plus at the junction of compartment floors, compartment/party walls and around openings. It maintains
fire resistance performance of cavities of up to 600 mm and only requires 5 mm of compression when fitting.

Packaging

Supplied as slab of 1003 x 605 x 102 mm and can be cut to size to suit the cavity width.

Available Colour

Light yellow, natural unfaced mineral woll.

Certificates & Approvals

UL-EU-01273-CPR

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Technical Characteristics

Dimensions		Supplied as slab of 1003 x 605 x 102 mm and can be cut to size to suit the cavity width.
Composition		Compressed rock fibre
Density		110 kg/m³
Reaction To Fire		A1
Application Temperature		-20°C to +70°C
Service Temperature		up to +500°C (plain)
Storage		Store in dry, ambient conditions between -20°C and +70°C
Shelf Life		Unlimited when stored as recommended

Application

FJ260 can be supplied with 2 fixing spikes where required, FO306 Small Steel Brackets, dependent on requirement – please see Brackets Fixings table on the next page. The central section is pre-drilled to secure the bracket to the substrate. Option A will protrude 65 mm or Option B will protrude 160 mm from the face of the substrate. If the bracket protrusion is greater than 75% of the product width, the bracket shall be cut down in length. The bracket should never be less than 50% of the product width. FJ260 Cavity Barrier from 15 mm up to 80 mm wide - directly faced fixed Use stainless steel countersunk head screws, with a maximum head diameter of 11.5 mm and with a length suitable for the cavity barrier and the substrate. Ensure that the countersunk screw head does fully penetrate the face of the cavity barrier, the screw head should sit at least 5 mm behind the face of the cavity barrier. Care should be taken not to compress the surface more than 10mm as this may compromise the performance of the cavity barrier. Position the first screw fixing through the centre line of the face of the cavity barrier at a maximum 125 mm from one end, continue to face fix through at maximum 250 mm centres (4 screws per linear meter), ensuring that the final fixing is a maximum 125 mm from the end of the cavity barrier. This will ensure that face fixings are positioned at 250 mm centres across the continuous run of cavity barrier. Where sections of cavity barrier are less than 1 linear meter in length, ensure that face fixings are positioned at a maximum 250 mm from each end. For cut sections of cavity barrier less than or equal to 500 mm in length only one fixing is required.

FJ260 Cavity Barrier from 81 mm up to 95 mm - fixed using 2 Suitable Steel Brackets (FO306 for Stainless steel)

Use a 5 mm Ø stainless steel screws, with a maximum head diameter of 13 mm and with a embedment suitable for the substrate. Ensuring the screw head sits as flush as possible with the substrate to enable the FJ260 to sit tight against the substrate leaving no gaps. Fix through both of the fixing holes.

Fix 2 brackets, per linear meter, to the substrate at maximum 250 mm from the end of the cavity barrier, with a maximum spacing between brackets of 500 mm. Where sections of cavity barrier are less than 1 linear meter in length, ensure that FO306 required brackets are positioned at a maximum 250 mm from each end. Push the cavity barrier onto the bracket spike, the brackets should impale the FJ260 to mid barrier depth and should protrude into the barrier between 50% and 75% of the cavity width. The cavity barrier should be pushed fully onto the bracket spike and sit flush with the substrate, at the rear of the cavity barrier, ensuring that there are no gaps behind the cavity barrier.

FJ260 Cavity Barrier from 96 mm up to 220 mm - fixed using 2 Suitable Steel Brackets (FO306 for Stainless steel)

Use a 5 mm Ø stainless steel screws, with a maximum head diameter of 13 mm and with a embedment suitable for the substrate. Ensuring the screw head sits as flush as possible with the substrate to enable the FJ260 to sit tight against the substrate leaving no gaps. Fix through both of the fixing holes.

Fix 2 brackets, per linear meter, to the substrate at maximum 250 mm from the end of the cavity barrier, with a maximum spacing between brackets of 500 mm. Where sections of cavity barrier are less than 1 linear meter in length, ensure that

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FO306 required brackets are positioned at a maximum 250 mm from each end.
Push the cavity barrier onto the bracket spike, the brackets should impale the FJ260 to mid barrier height and should protrude into the barrier between 50% and 75% of the cavity width. The cavity barrier should be pushed fully onto the bracket spike and sit flush with the substrate, at the rear of the cavity barrier, ensuring that there are no gaps behind the cavity barrier.
FJ260 Cavity Barrier from 221 mm up to 280 mm - fixed using 3 Suitable Steel Brackets (FO306 for Stainless steel)
Use 3 brackets and a 5 mm Ø stainless steel screws, with a maximum head diameter of 13 mm and with a embedment suitable for the substrate. Ensuring the screw head sits as flush as possible with the substrate to enable the FJ260 to sit tight against the substrate leaving no gaps. Fix through both of the fixing holes.
Fix 3 brackets, per linear meter. Bracket locations at 150 mm from each end of the cavity barrier with the final bracket being located on the centre line of the cavity barrier. Where the cavity barrier is less than 350 mm in length 2 brackets are required.
Push the cavity barrier onto the bracket spike, the brackets should impale the FJ260 to mid barrier height and should protrude into the barrier between 50% and 75% of the cavity width. The cavity barrier should be pushed fully onto the bracket spike and sit flush with the substrate, at the rear of the cavity barrier, ensuring that there are no gaps behind the cavity barrier.
FJ260 Cavity Barrier from 281 mm up to 455 mm wide fixed using 2 Brackets (FO306 for Stainless steel)
Use a 6 mm Ø stainless steel screws, with a maximum head diameter of 13 mm and with a embedment suitable for the substrate. Ensuring the screw head sits as flush as possible with the substrate to enable the FJ260 to sit tight against the substrate leaving no gaps. Fix through both of the fixing holes.
Fix 2 brackets, per linear meter, to the substrate at maximum 250 mm from the end of the cavity barrier, with a maximum spacing between brackets of 500 mm. Where sections of cavity barrier are less than 1 linear meter in length, ensure that FO306 required brackets are positioned at a maximum 250 mm from each end.
Push the cavity barrier onto the bracket spike, the brackets should impale the FJ260 to mid barrier height and should protrude into the barrier between 50% and 75% of the cavity width. The cavity barrier should be pushed fully onto the bracket spike and sit flush with the substrate, at the rear of the cavity barrier, ensuring that there are no gaps behind the cavity barrier.

Please Note

- Before placing an order please complete the Nullifire Project Questionnaire for suitable product recommendation and presentation to the principal designer for acceptance.
- The cavity barrier should not be penetrated by anything other than the mechanical fixings which are used to fix the cavity barrier to the building.
- The cavity barrier should be installed onto a flat surface, with no gaps behind the cavity barrier.
- FJ260 Cavity Barrier should be installed in a continuous run. Where this is not possible, details should be agreed with the projects principal designer and or fire engineer.
- The product is tested without interruptions with the exception of masonry support brackets (see specific detail).
- Horizontal cavity barriers should be installed adjacent and tightly abutted to any vertical cavity barriers, the vertical cavity barriers should be installed first. FJ260 Cavity Barrier may be cut to length as required, adjacent lengths must be tightly abutted together.
- Cavity barrier fixing brackets must not penetrate through the face of the cavity barrier. Screws for direct fixing and fixings to secure brackets are not supplied by CPG Europe.
- The brackets used to fix the FJ260 Cavity Barrier must be installed with the spike inserted centrally (horizontally) to the rock mineral wool.
- The use of tape is not required over the joints between the lengths of FJ260.
- FJ260 must be installed following the installation methods described above. FJ260 must not be penetrated by any other mechanical or electrical services.
- Our technical support should be consulted in any instance where the principal designer is uncertain as to any issues which may impede the ability of the cavity barrier to perform as expected.

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Maintenance

No active maintenance required. Where alterations are made around the product it should be checked visually to ensure that the product is still installed as per the approved original design and fitting instructions at the time of original installation.

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.
It is a requirement of the installer to ensure suitability and compatibility of all elements before installation commences and that compliance can be achieved as required.

Health And 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 information, service, advice please call Customer Services on 01942 251400.

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Certification

Tremco CPG UK Limited
Coupland Road, Hindley
Green
Wigan, WN2 4HT
United Kingdom
+44 (0)1942 251400
hello@tremcocpg.com