

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

Product Information

Description

A lightweight, flexible fire curtain which provides a barrier to smoke and flames. It consists of a specially coated glass fabric material. This is stretched between perimeter fixings and staple jointed for maximum effectiveness. FB810 is suitable for 60-120 minutes fire resistance*.

* See performance table for 120 minute applications.

Usage / Purpose

- Subdividing ceiling
- Subdividing roof
- Partitioning the void below a raised floor

Colour

Grey

Packaging

1000 mm x 50 m Roll

Availability

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

USAGE GUIDELINES

Necessary Tools

- General hand tools
- Mild steel frame 40 x 50 x 0.8 mm or equivalent
- M6 x 65 mm diameter sleeve anchor bolts or equivalent

Preparation

- Ensure the soffit substrate is suitable for fixing FB810.
- There are 4 solid sides to fix the curtain.
- Fixings around penetrations are in line with Nullifire specification (contact tremco illbruck Technical Services Department if in doubt).
- The type of curtain is suitable for the fire rating.
- Fixing tools are available.
- The void does not exceed 3 metre high (contact tremco illbruck Technical Services Department for higher drops).
- The curtain will only be used in dry/internal situations.

Installation

1. FB810 Fire Curtain can be fixed to solid substrates such as blockwork, concrete and brickwork.
2. Fold edge of curtain around a mild steel framing angle with dimensions of 40 mm x 50 mm x 0.8 mm $\leq 1\text{mm}$. As shown in figure 1.
3. Loose fix the top edges of the curtain at 250 mm centres, to the underside of the soffit. Using 65 x 6 mm diameter "sleeve" anchor bolts and 38 mm diameter washers. N.B. All overlaps running vertically, to be 60 mm as shown in figure 2.
4. Fix vertical seams at 60 mm centres, 5 mm away from the face of the curtain and staple the vertical seams using zinc coated steel plates, 11.5 mm x 6 mm x 0.5 mm, see Figure 2.
5. Secure the top perimeter framing angle, followed by fixing and side perimeter angles, as specified above. N.B. The curtain must cover three sides of the angle, as shown in Figure 1.
6. Fold over all 60 mm overlaps in half to form a double overlap and staple together as before, at 60 mm centres, 15 mm away from the face of the curtain and at a 30 mm stagger to the first fix positions, as shown in Figure 2.

N.B. Alternative angles
32 mm x 19 mm x 0.9 mm
50 mm x 25 mm x 0.9 mm

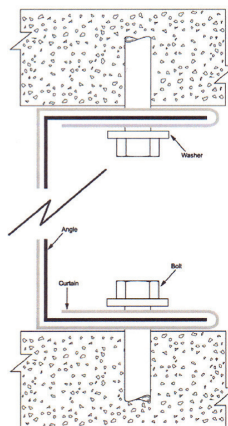


Figure 1

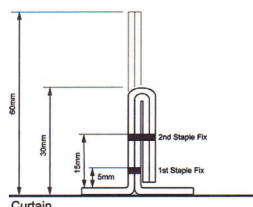
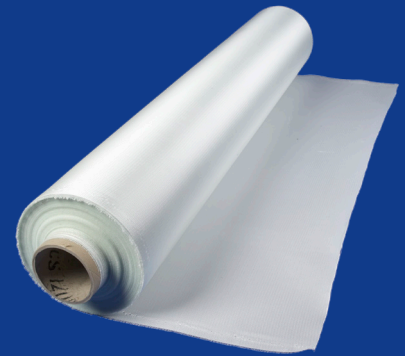


Figure 2

FB810

Fire Curtain



Key Benefits Summary

- Tested in accordance with BS 476-Pt20
- Smoke and cavity fire barrier
- Approval with service penetrations
- Suitable for large openings up to 10.8 m
- Dry installation



FB810

Fire Curtains

Nullifire

Smart Protection

PERFORMANCE

Service Type	Integrity (minutes)	Insulation (minutes)
100 mm PVC pipes	30	N/A
115 mm steel pipes	30	N/A
150 mm steel duct	30	N/A
300 mm cable tray	30	N/A
Blank opening	120	N/A

Storage

Store in a clean, dry area.

Shelf Life

Unlimited when stored as recommended.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

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 01942 251400.

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.

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