

CI/SfB		(29)	(K2)
CAW	P10		
Uniclass	JP10:L68114		
January 2014			

B805/B810

Fire Curtains

KEY BENEFITS SUMMARY

- Up to 2 hours protection
- 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

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. B805 is suitable for up to 30 minutes fire resistance. B810 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

B805: White
B810: Grey

Packaging

1000 mm x 50 m Roll

Availability

Direct from Nullifire (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 B805/B810.
- There are 4 solid sides to fix the curtain.
- Fixings around penetrations are in line with Nullifire specification (contact Nullifire Technical Desk 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 Nullifire Technical Desk for higher drops).
- The curtain will only be used in dry/internal situations.

Installation

1. The B805/B810 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 <>1 mm. As shown in figure 1.
3. Loose fix the top edges of the curtain at 250mm 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 60mm centres, 5mm 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

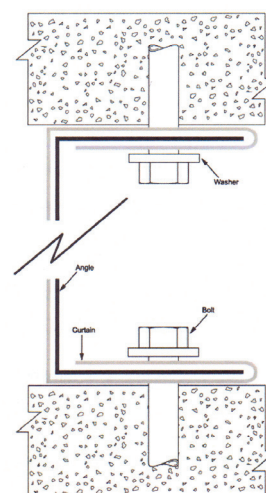


Figure 1

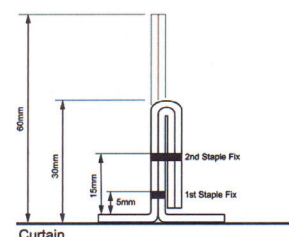


Figure 2

Nullifire®

B805/B810

Nullifire - a brand of tremco illbruck Ltd
Torrington Avenue
Coventry, West Midlands CV4 9TJ
Tel: 02476 855000
Fax: 02476 469547
Email: protect@nullifire.com
Website: www.nullifire.co.uk

PERFORMANCE

Product	Service Type	Integrity (minutes)	Insulation (minutes)
B805	250 mm steel duct	30	N/A
	112 mm steel pipe	30	N/A
	50 mm x 60 mm steel trunking	30	N/A
	300 mm cable tray	30	N/A
	Cables up to 35 mm	30	N/A
B810	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

Product Safety Data Sheet must be read and understood before use.

Technical Service

Nullifire 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 02476 855000.

Guarantee / Warranty

This information is offered in good faith but without guarantee or liability. In cases of doubt, users should consult with relevant authority.

Information given herein is supplied for your guidance only and is based upon the results of controlled tests and experience obtained in the application of the product referred to by Nullifire. As the supplier only, Nullifire has no control over the method or conditions of application of the product and consequently no warranties expressed or implied are intended to be given as to the coverage or performance of the products mentioned or referred to herein and no liability will be excepted for any loss, damage or physical injury resulting from the use or application of the information, data or products mentioned or referred to herein.