

# Fire stop flexible fire curtain

## FIRE CURTAIN

# B805 B810

### FOR ALL BUILDING AND CONSTRUCTION JOINTS

Nullifire B805/810 Fire Curtain is a specially coated, woven glass fibre blanket. B805/810 can provide up to 2 hours fire and smoke protection to large unsupported openings.

#### **B805:**

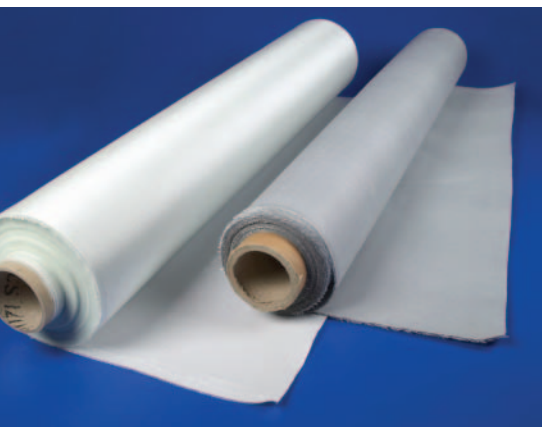
Provides up to 30 minutes fire protection

#### **B810:**

Provides up to 120 minutes fire protection

#### **Key features**

- Up to 2 hours fire resistance
- Smoke and cavity fire barrier
- Approval with service penetrations
- Suitable for large openings up to 10.8m
- Dry installation
- Resistant to mould fungus and vermin attack



## Specification

Nominal Size	100mmx50m
Colour	B805: White B810: Grey

## Product overview

### **Typical applications**

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

### **Permissible services**

- Single bunched cables
- Cable trays
- Cable ladders
- Trunking
- Metallic and plastic pipes
- Ducting
- Steel/timber structural sections

### **Testing and certification**

#### **Fire performance**

- Tested in accordance with BS 476-Pt20
- Up to 2 hours fire resistance

#### **Preparation**

- Ensure solid substrate and timber truss, to provide fixing for all four sides
- Ensure correct curtain selected for drop required

#### **Technical support**

Please refer to our MSDS and technical application data sheets for further details. For guidance on applications outside this scope, contact our technical department.

## Installation guidance

### Preparation

- Ensure solid substrate and timber truss, to provide fixing for all four sides
- Ensure correct curtain selected for drop required

### Installation

1. Fold edge of curtain around mild steel framing angle
2. Loose fix top edge of curtain at 250mm centres to the underside of the soffit using anchor bolts and washers
3. Fix vertical seams at 60mm centres, 5mm away from the face of the curtain. Staple the vertical seams using zinc coated steel plates
4. Secure top perimeter framing angle, then side perimeter angles
5. Fold all 60mm overlaps in half to form a double overlap. Staple at 60mm centres, 15mm away from the face of the curtain, staggered 30mm from the first fix position

### Maintenance

No maintenance required after installation. Routine inspection recommended to ensure no damage.

### Tools required

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

## Fire performance

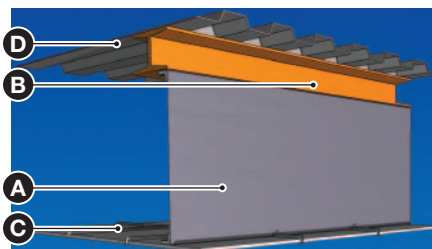
Product	Service type	Integrity (mins)	Insulation (mins)
B805	250mm steel duct	30	N/A
	112mm steel pipe	30	N/A
	50mm x 60mm steel trunking	30	N/A
	300mm cable tray	30	N/A
	Cables up to 35mm	30	N/A
B805	100mm PVC pipes	30	N/A
	115mm steel pipes	30	N/A
	150mm steel duct	30	N/A
	300mm cable tray	30	N/A
	Blank opening	120	N/A

## Product range

Product	Description	Colour	Nominal Size	Item No.
B805	30 minute Fire Curtain	White	1000mm x 50m	350630
B810	120 minute Fire Curtain	Grey	1000mm x 50m	350634

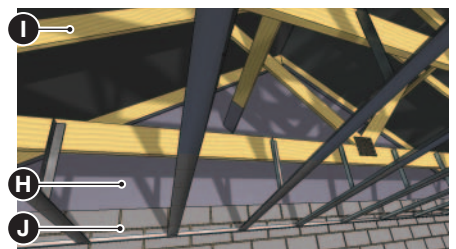
## Application types

### Steel structures



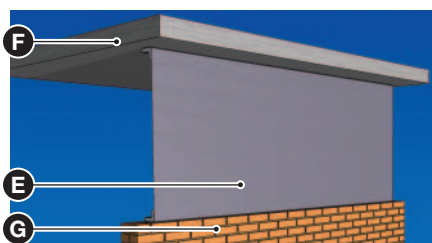
- A** B805/B810 Fire Curtain
- B** Steel beam
- C** Suspended ceiling
- D** Floor slab deck

### Timber structures



- H** B805/B810 Fire Curtain
- I** Timber roof truss
- J** Masonry wall

### Concrete/masonry structures



- E** B805/B810 Fire Curtain
- F** Concrete floor slab
- G** Masonry wall