

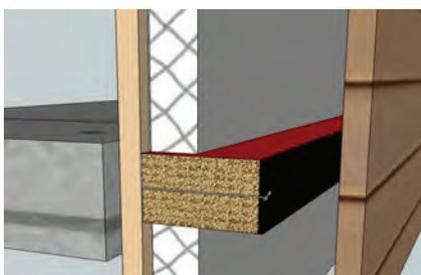
Designed to protect the building void between the inner and outer construction elements



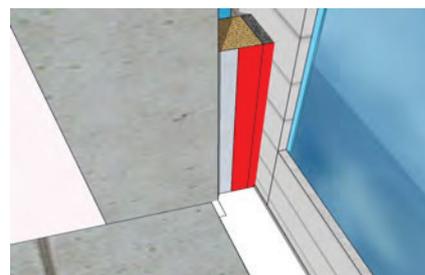
Fire|Barr VentiStop



Fire|Barr Fleximescent FFB-FM



FBB-VS Ventistop



FBB-FM Fleximescent

APPLICATIONS

- Horizontal and vertical cavities between the inner and outer construction elements.
- Fischer Fire|Barr VentiStop has been designed to provide a 25mm air gap, that allows air flow & moisture to pass down the back of the cladding. Under fire conditions, the powerful intumescent along the front edge, expands horizontally to close the gap and prevent the passage of fire.

APPLICATIONS

- Fire Resistant testing to BS476 to 120 & 60 Minutes.
- Air Permeability testing to EN1026 to 600Pa.
- Acoustic isolation on testing to EN10140 to 39dB (non-ventilated).
- Suitable to close up to 25 mm ventilation gap.
- Voids up to 450 mm wide.
- Free of halogens, asbestos, fibres and silica and is non-toxic.
- Life expectancy of over 25 years.
- Contributes to Green Building.

APPROVALS

British Standard

BS 476 - 20: 1987

BUILDING MATERIALS

Suitable for:

- Concrete slabs, columns & walls.
- Curtain wall assemblies.
- Stone cladding etc.

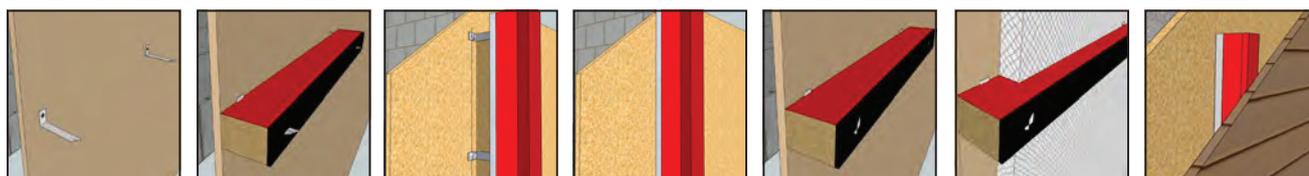
DESCRIPTION

fischer Fire|Barr Cavity Barriers have been developed to protect the void between the outer facade and the inner construction element. There are two versions available depending on the requirement, a Ventilated system which has been designed to allow for the movement of air and moisture by leaving a specified gap up to 50 mm and a non-Ventilated version which closes the void completely but still allows for movement of the construction elements. Both systems are encased in aluminium foil which provide excellent resistance to smoke and is class 'O' for reaction to fire..

fischer Fire|Barr FFB-VS Ventistop is a foil faced stone wool pre-cut unit which has a powerful intumescent graphite strip bonded to the exposed face. The intumescent graphite strip is pre-wrapped with a durable polythene adhesive sheet to prevent water ingress.

fischer Fire|Barr FFB-FM Fleximescent is a foil faced stone wool unit which has an elastomeric flexible intumescent graphite strip bonded to one side which accommodates for the structural movement. The whole system is then encased with a durable polythene wrap to prevent water ingress.

INSTALLATION GUIDANCE



- FFB-VS & FFB-FM must be installed with un-faced mineral fibre in contact with sides of structural element.
- FFB-VS - Insert seal in to cavity with a 25mm gap to the external edge of cavity in respect of the ventilated version
- FFB-FM - Must be installed with the un-faced stone wool in contact with sides of structural element
- Strips are located with dedicated 'split' fixing brackets which are impaled in to FFB-VS OR FFB-FM material at mid-thickness.
- Bracket to be at 400mm centres, push legs back to mechanically retain intumescent strip.
- Brackets must be fixed to structure using non-combustible fixings. (please refer to fire rated fixing page)
- Ensure all joints of FFB-VS are tightly butted

TECHNICAL DATA

Fire | Barr VentiStop **FFB-VS**

Items to order only		Approval	To suit cavity void width	Colour	Fire Rating	Pack quantity
Item	Art No.	ETA	[mm]			[pcs]
FFB-VS / 25-50	521520		25-50	Red / Silver / Black	1hr	48
FFB-VS / 51-100	521521		51-100	Red / Silver / Black	1hr	24
FFB-VS / 101-150	521522		101-150	Red / Silver / Black	1hr	18
FFB-VS / 151-200	521523		151-200	Red / Silver / Black	1hr	14
FFB-VS / 201-250	521524		201-250	Red / Silver / Black	1hr	11
FFB-VS / 251-300	521525		251-300	Red / Silver / Black	1hr	11
FFB-VS / 301-350	521526		301-350	Red / Silver / Black	1hr	TBA
FFB-VS / 351-400	521527		351-400	Red / Silver / Black	1hr	9
FFB-VS / 401-450	521528		401-450	Red / Silver / Black	1hr	6

IMPORTANT- Please provide TOTAL cavity width for your application, excluding any insulation there might be.

Fire | Barr Fleximescent **FFB-FM**

Items to order only		Approval	To suit cavity void width	Colour	Fire Rating	Pack quantity
Item	Art No.	ETA	[mm]			[pcs]
FFB-FM/25-50	521511		25-50	Red / Silver / Black	2hr	*On request
FFB-FM/51-100	521512		51-100	Red / Silver / Black	2hr	*On request
FFB-FM/101-150	521513		101-150	Red / Silver / Black	2hr	*On request
FFB-FM/151-200	521514		151-200	Red / Silver / Black	2hr	*On request
FFB-FM/201-250	521515		201-250	Red / Silver / Black	2hr	*On request
FFB-FM/251-300	521516		251-300	Red / Silver / Black	2hr	*On request
FFB-FM/301-350	521517		301-350	Red / Silver / Black	2hr	*On request
FFB-FM/351-400	521518		351-400	Red / Silver / Black	2hr	*On request
FFB-FM/401-450	521519		401-450	Red / Silver / Black	2hr	*On request

IMPORTANT- Please provide TOTAL cavity width for your application, excluding any insulation there might be.

TECHNICAL DATA

Description	Foil faced stone with a black intumescent edge
Fire Resistance - FFB - VS	BS467 20/22 60 min, DIN 4102 B2 - 30/30
Fire Resistance - FFB - FM	BS467 20/22 120 min
Closure Time - FFB - VS	>5min
Activation	Approx 180°C (Intumescent material)
Expansion Volume - FBB - FM	25 times thickness of material (1.4mm to 30mm)
Expansion Pressure	Approx.07N/mm ²
Density	Stone Wool - 80Kg/m ³ intumescent 1.3g/cm ³
Weather Resistance	yes
Sag	0%
Acoustic Isolation (EN10140) - FBB - FM	39db
Air Permeability (EN1026) - FBB - FM	600pa - 100pa 11.1/89m ³ /h/m ²
Open Void Size - FBB - VS	25mm to 50mm
Dimensions	75mm Thick 1000mm Long
Width	FFB - VS (30mm to 450mm) FBB - FM (40mm to 450mm)
Brackets	FFB - VS (3 per unit) FBB - FM (2 per unit)

ADDITIONAL INFORMATION

Note: Please refer to SDS for further information

Storage

1. Storage temperatures between +2°C and +49°C
2. Store away from heat sources