

Effective ventilated fire barrier designed to close the void between the inner and outer construction elements

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Products



FFB-VS VentiStop installed with Multi-Purpose Bracket



FFB-VS VentiStop installed with DHM Anchor

BUILDING MATERIALS

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

ASSESSMENT/APPROVAL

BS EN 1363-1-TG19

ADVANTAGES

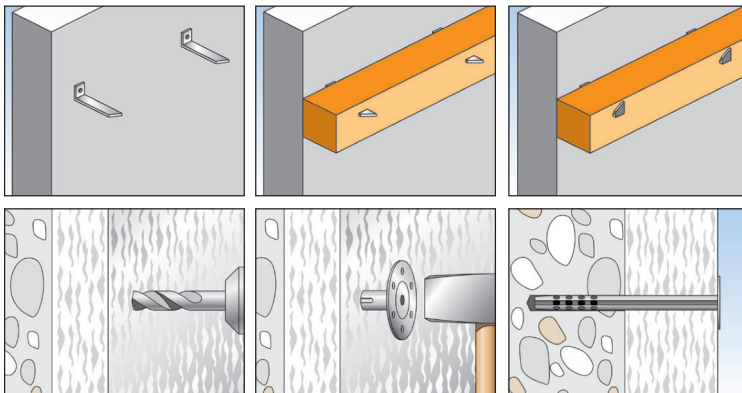
- Tested up to 120 minutes integrity and 90 minutes insulation utilising the heating and pressure conditions of EN 1363-1: 2012 and ASFP TDG19: 2014 - Open State Cavity Barriers.
- Suitable to close 25 & 50 mm ventilation gap
- Voids up to 350 mm wide
- Free of halogens, asbestos, fibres and silica and is non-toxic
- Long life expectancy
- Contributes to green building

APPLICATIONS

- Horizontal cavities between the inner and outer construction elements

FUNCTIONING

- FFB-VS 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.
- FFB-VS has been designed to provide a 25 & 50 mm ventilation gap, that allows air flow and 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.



SPECIFICATIONS FFB-VS

Item	Art.-No.	To suit cavity void width [mm]	Colour	Sales unit [pcs]
FFB-VS/25-50	521520	25 - 50	Red/silver/black	48
FFB-VS/51-100	521521	51 - 100	Red/silver/black	24
FFB-VS/101-150	521522	101 - 150	Red/silver/black	48
FFB-VS/151-200	521523	151 - 200	Red/silver/black	14
FFB-VS/201-250	521524	201 - 250	Red/silver/black	11
FFB-VS/251-300	521525	251 - 300	Red/silver/black	11
FFB-VS/301-350	521526	301 - 350	Red/silver/black	TBA
FFB-VS/351-400	521527	315 - 400	Red/silver/black	9
FFB-VS/401-450	521528	401 - 450	Red/silver/black	6

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

SPECIFICATIONS FFB-VS50

Item	Art.-No.	To suit cavity void width [mm]	Colour	Sales unit [pcs]
FFB-VS50/51-100	545628	51 - 100	Red/silver/black	48
FFB-VS50/101-150	545629	101 - 150	Red/silver/black	24
FFB-VS50/151-200	545630	151 - 200	Red/silver/black	48
FFB-VS50/201-250	545631	201 - 250	Red/silver/black	14
FFB-VS50/251-300	545632	251 - 300	Red/silver/black	11
FFB-VS50/301-350	545633	301 - 350	Red/silver/black	11
FFB-VS50/351-400	545634	351 - 400	Red/silver/black	TBA
FFB-VS50/401-450	545635	401 - 450	Red/silver/black	9

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 leading edge
Fire resistance - FFB-VS	Up to 120 minutes
Closure time - FFB-VS	needs to be < 5 min
Activation	Approx. 180 °C (intumescent material)
Expansion pressure	Approx. 07 N/mm ²
Density	Stone wool - 80 kg/m ³ intumescent 1.3 g/cm ³
Weather resistance	Yes
Sag	0 %
Open void size - FFB-VS	25 mm to 50 mm
Dimensions	80 mm Thick 1000 mm Long
Width	FFB-VS (30 mm to 450 mm)
Fixing points (Brackets or DHM Anchor)	FFB-VS (300 mm Centres)

MULTI PURPOSE BRACKET

Item	Art.-No.	To suit cavity void width [mm]	Colour	Fire rating	Sales unit [pcs]
Multi Purpose Bracket	551868	390 x 25 x 1 (A2)	silver	N/A	1
Multi Purpose Bracket	551954	500 x 25 x 1 (A2)	silver	N/A	1