

TENMAT

VENTILATED FIRE BARRIER

TENMAT FF102/25 & FF102/50

Designed to reinstate fire resisting performance to external wall cavities that are required to be ventilated (open-state) in non-fire conditions. In the event of a fire the intumescent material will expand to close the external wall cavity, providing effective fire resistance for up to 120 minutes depending upon the construction of the external walls.

The FF102 is manufactured from a rigid intumescent material allowing it to be provided in a strip format, it is also covered with a protective layer of aluminium foil for ease of handling.

Designed for use within cavities of 25mm and 50mm and once installed will close the remaining free air gap in front of the 6mm cavity barrier of up to a maximum of 44mm (depending on construction type).

- An “open state” cavity fire barrier for use horizontally within uninsulated, ventilated and drained cavities
- Suitable for “open-state” ventilated cavities 25 to 50mm wide
- Fire rated up to 120 minutes when tested to the principles of BS EN 1363-1 following ASFP TGD 19 guidance
- Allows maximum ventilation and drainage of cavities reducing the need for cavity trays or weepholes
- Lightweight - designed to be easily and quickly installed
- No maintenance required after installation



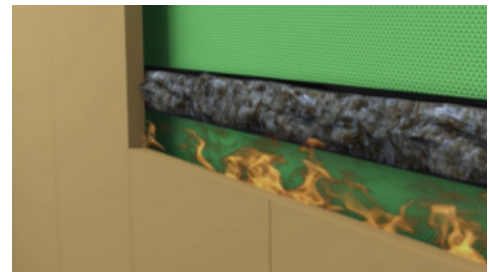
Tenmat Fire Strip FF102/25 (460892)
Tenmat Fire Strip FF102/50 (460893)

TECHNICAL INFORMATION

Product	FF102/25 and FF102/50
Free Expansion	26:1 Ratio
Colour	Silver
Finish	Aluminium Foil
Cuttability	Can be cut to length
Working Life	60 years
Long term storage conditions	Dry, ambient
Transportation temperature	-20 ^o c to +70 ^o c
Durability	Intended for use in conditions exposed to weather (UV, rain, frost)
Smoke/Halogen Content	Low Smoke / Zero Halogen
Sizes	FF102/25 4mm (thick) x 35mm (wide) x 1000mm (long) FF102/50 6mm (thick) x 75mm (wide) x 1000mm (long)

INSTALLATION INSTRUCTIONS

- FF102/25 and FF102/55 is simply mechanically fixed in position to leave up to a maximum 0.827" / 21mm air gap. (Check with Potters if a greater air gap is required)
- Fix with non-combustible **SS Concrete Screws**
- Maximum screw head diameter is 0.45" / 11.5mm (trumpet/countersunk type head only)
- Product must be fixed at maximum 10" / 250mm centres
- If product is cut to length, ensure minimum two fixing per cut length
- Fixings must be along center line of the fire barrier
- Ensure label side is facing out into cavity
- Adjacent lengths must be tightly butted
- Ensure fire barrier is free to expand in a fire situation



STAINLESS STEEL CONCRETE SCREWS

Designed for :	Concrete
Drive Bit :	#2 Phillips
Point :	Diamond Point
Thread From :	Hi-Lo Thread
Material :	Stainless Steel T304
Tensile Strength :	500 N/mm ²
Diameter :	5.5mm
Length : 55mm	-20 ^o c to +70 ^o c
Head OD :	9.2mm max



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