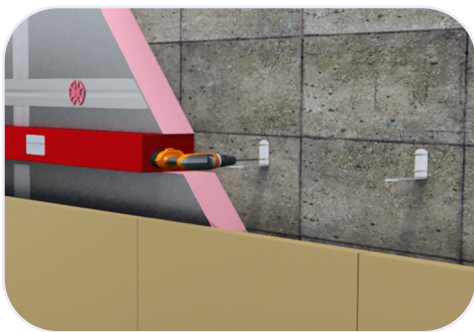


General Fitting Instructions

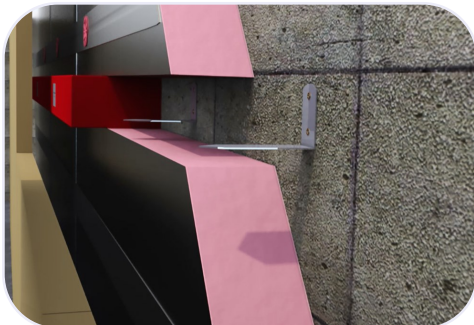
For detailed fitting instructions for various applications please contact **TENMAT**.

TENMAT's VFB Plus is a particularly versatile and extensively fire tested Ventilated Fire Barrier which can be installed in a wide range of construction types. The product is simply mechanically fixed in position to leave up to a maximum 44mm* air gap.

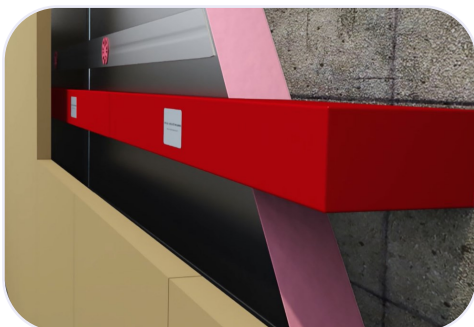
Total Cavity Size	Fixings required (per 1/m)	Fixing Centres (per 1/m)
Up to 120 mm	None (screw fixed)	Max.250mm centres
120-259 mm	2No. Multipurpose Brackets (supplied)	Max.500mm centres
260-300 mm	3No. Multipurpose Brackets (supplied)	Max.300mm centres
300-450 mm	2No. HP Brackets (supplied)	Max.500mm centres



- Fix VFB Plus with required fixings and recommended fixing centres as specified in above table.
- Screw Fixing—Non-combustible stainless steel screws. Maximum screw head diameter is 11.5mm (trumpet/countersunk type head only).
- Brackets should be fixed to the substrate with 2no.non-combustible screws. The brackets should impale the VFB Plus at mid barrier depth.



- Cut the barrier down to size/length if required.
- Each section of VFB Plus greater than 250mm, must be mechanically fixed with 2no. Brackets; if VFB Plus section is 250mm or less than, only 1no. Bracket is required.
- The bracket should not protrude through the rigid intumescent element, but should penetrate the barrier to approx. three quarters of the width of the product.



- Ensure label side is facing out so that the intumescent element faces into cavity in case of fire.
- Adjacent lengths must be tightly butted together.
- Ensure the product is pushed back to be fully in contact with supporting wall.



- Maximum remaining air gap to the back of the external face is 44mm*.
- Ensure Fire Barrier is free to expand in a fire situation.

*Max 44mm air gap (54mm air gap possible in limited applications only, please check with **TENMAT**).