TENMAT®'s Cavity Fire Barrier on a Roll is a low profile intumescent which provides material and labour cost savings compared to the traditional method of using Cavity Trays, Cavity Socks & Weep Holes.

TENMAT®'s Cavity Fire Barrier on a Roll is designed for Timber and Masonry cavities. The product maintains the ventilated cavity to prevent thermal and moisture bridging and resultant damp problems, but in the event of a fire it expands to fill the cavity and prevent the spread of fire and smoke.

Key Features:
- No unsightly weep holes needed
- Improves aesthetics of building
- 30 minutes fire rating
- For cavities up to 50mm
- Compact 6.3m roll
- Simply stapled into position

Product Dimensions
4 mm x 75 mm x 6.3 m roll

Traditional Method

1. Cavity Trays
   - Cavity is bridged = thermal & moisture bridging
   - Can cause damp problems

2. Cavity Socks
   - Creates unwanted sealed compartments
   - Can often push brickwork away
   - Susceptible to misalignment

3. Weep Holes
   - Unsightly
   - Discolouration of wall below
   - Only allows limited air movement
   - Risk of blockage
   - Wind driven water issues

TENMAT Method

1. TENMAT Cavity Barrier on a Roll
   - No Weep Holes needed = clean wall finish & no wind driven water issues
   - No Cavity Trays needed
   - Material & labour cost savings
   - Product is 4mm thick and therefore maintains air gap
   - Expands to fill cavity in event of fire
   - Takes up imperfections and misalignments
   - Restricts fire & smoke spread
Fitting Instructions

Particularly suited for Timber Frame Construction, TENMAT’s Cavity Fire Barrier on a Roll is supplied in 6.3 metre lengths improving installation time and reducing storage requirements over traditional cavity socks.

- Staple Cavity Fire Barrier on a Roll along centre line using 14mm long corrosion resistant staples at 250mm centres
- All joints should be tightly butted together so that the intumescent material is continuous throughout the cavity

- The TENMAT Cavity Fire Barrier should be installed in such a way to ensure the cavity is left open to allow it to expand freely in a fire situation

- In a fire situation, the Cavity Fire Barrier on a Roll will expand across the cavity to restrict the spread of fire & smoke in the cavity

If the TENMAT Cavity Fire Barrier on a Roll is cut, then the polythene sleeve should be folded around the exposed end to maintain weather protection. This should then be stapled to the sheathing board.