

THIS METHOD STATEMENT COVERS THE INSTALLATION OF **MasterFlame PC 2350 FIRE STOP PIPE COLLARS**.

**MasterFlame PC 2350 is supplied in pre-cut sections to suit the following requirements and is designed for use with plastic pipes, metal pipes with insulation and bundled electrical cables:**

**Ø Pipe – 32 to 160mm for flexible walls**

**Ø Pipe – 32 to 160mm for rigid floors**

**Ø Pipe – 32 to 250mm for rigid walls**

## **1. DIMENSIONAL REQUIREMENTS:**

- 1.1. **MasterFlame P 2252** is recommended to be installed onto pipes and cables passing through walls and floors of various formats (rigid / flexible / block-work / concrete / fireproof board, etc.) where the spread of flame is to be prevented.
- 1.2. Floors must be a minimum thickness of 100mm and floors 150mm to accommodate the installation of the **MasterFlame PC 2350 Fire Stop Pipe Collar**.
- 1.3. If cables are to be “bundled” use **MasterFlame JS 110** to effectively seal all the gaps between individual cables as they are brought together.
- 1.4. **To gain the full effectiveness of this system it is imperative that the “holes” through which the pipes will pass are accurately created / drilled so that the “annulus” gap between the pipe and the formed hole is NO MORE THAN 10mm (for pipes up to Ø200mm)**

## **2. Installation Procedures:**

- 2.1. Ensure ALL service penetration holes have been created and approved to the satisfaction of the main contractor / client and are within the required tolerances for diameter, etc.
- 2.2. Remove ALL / any combustible materials from within the opening to be sealed and thoroughly clean the face of the blockwork / concrete / stud walling within the “hole”.
- 2.3. Install the pipes as required ensuring they are centralized within the hole that passes thru the wall / floor and are mechanically supported.
- 2.4. Fill the annulus “gap” with a 10mm deep bead of **MasterFlame JS 110** sealant ensuring the “annulus” is completely sealed both in width and circumference.
- 2.5. Place the pipe collar around the pipe and secure the clips to tighten the collar.
- 2.6. **Regulations may require that collars be fitted to both sides of the wall / floor.**
- 2.7. Slide the collar tight up against the wall / floor surface and secure in place with the appropriate fixings.

Masonry block	75mm x Ø6mm anchor bolts
Concrete	40mm x Ø6mm anchor bolts
Fire rated stud wall	M8 spring toggles or bolt thru if collars fitted to both sides
>3mm steel plate	M6 bolts or self-tapping screws

**Ensure ALL fitting used are non-flammable, plastic fixing must not be used.**

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**STATEMENT OF RESPONSIBILITY**

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**NOTE**

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