



## SILVERFLAME FIRE COLLAR

### Introduction

The purpose of this document is to give guidance to approved contractors and suppliers who are engaged in the fire stopping of service penetrations in walls and floors using the Firestopit Fire Collar System.

All service holes through floors and compartment walls must be fire stopped to prevent the passage of fire, smoke and hot gases.

The result of this work will: -

- Prevent the spread of fire, smoke and hot gases through a building by containing it in the compartment of origin.
- Maintain the integrity of escape routes from a building.
- Reduce loss or damage to property from the effect of fire and smoke.
- Maintain pressure differential between compartments and ventilation channels.

### The Firestopit Fire Collar System

The Firestopit Fire Collar is made from a stainless steel shell for maximum protection in a damp environment with a fully waterproof intumescent liner. The locking tab is pressed out at the same time as the collar shell, which offers the benefit of no toggle clip to foul when installing.

Firestopit Fire Collars have been engineered to close plastic pipes as they pass through a wall or floor. These can be either studwork or of solid nature.

If protection is required on both sides then 2 collars are to be fitted, one on each side of the building element.

### Installation

Place the Firestopit Fire Collar around pipe and hold in place, using the slide clip to slip through the loop and fix the fire collar tightly in place by bending back the slide back.

Slide in to place to ensure a snug fit to the surrounding building element.

Fix using Rawl bolts or heavy-duty screws as directed in the following details.

**NO PLASTIC or COMBUSTIBLE FIXINGS MAY BE USED**





## Recommended Fixings

<b>Fly Ash Block</b>	75mm x M6 Anchor Bolts
<b>Dense Engineering Bricks</b>	40mm x M6 Anchor Bolts
<b>Standard Bricks</b>	50mm x M6 Anchor Bolts
<b>Cast Lightweight Concrete</b>	60mm x M6 Anchor Bolts
<b>Cast Dense Concrete</b>	40mm x M6 Anchor Bolts
<b>Breeze Blocks</b>	75mm x M6 Anchor Bolts
<b>3mm+ Steel</b>	M6 bolts or drill and self tapping screw
<b>Fire Rated Stud Walls</b>	M8 spring toggles, or if collars are to be used on both sides bolt straight through
<b>Fire Rated Curtains or Mineral Wool systems</b>	M6 bolts on a metal angle frame, which must be fixed securely to the surrounding substrate i.e., ceiling, wall or floor. See the system manufacturers

