

Firebreak FX500 Pipe Collars

PRODUCT DATA SHEET

A closing solution for large plastic pipes



Firebreak FX500 Pipe Collars comprise of a range of devices primarily designed to be fitted around large plastic pipes where they penetrate fire separating constructions. Under fire conditions the intumescent material within the collar expands to crush the softening pipe and fill the resultant opening, thereby maintaining the fire integrity and insulation performance of the floor or wall.

Key features and benefits

- Available to fit pipes sizes from 200mm to 400mm diameter
- Supplied in stainless steel with hinge and toggle latch fixings
- Opening sealed using intumescent technology alone with no reliance on mechanical devices
- Independently tested to EN 1366-3: 2009 providing up to four hours fire resistance (EI240)
- Mostly tested in 100 mm thick flexible (partition) walls and suitable for use in both flexible and masonry walls of equal or greater thickness

- Most sizes approved for use with ALL types of plastic pipe installations including free air flow to both ends of the pipe
- Durability tested and qualified for use at temperatures below 0°C
- Intumescent material unaffected by moisture
- Simple and quick to install and maintenance free
- Non-toxic, low smoke, mould resistant, halogen free and zero VOC
- Quality assured including ISO 9001, CE Marking and independent third party product certification

Typical applications

- Fire sealing of resultant openings where large combustible plastic pipes pass through fire separating walls and floors

Testing and certification

- Extensive testing to EN 1366-3: 2009 providing up to 4 hours fire resistance around large plastic pipes and plastic pipes having combustible nitrile rubber insulation
- Fire Classification to EN 13501-2 and CE Mark (ETA 21/0209)
- Mechanical and durability testing to EAD 350454-00-1104
- Third party product certification with UL International (Certificate # UL-EU-00513-A1)

For detailed seal specifications please refer to technical data sheet.



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