

NBS Specification: FIREPRO® Pipe Collar CE

PRODUCT SUMMARY:

Penetration sealing device for plastic pipework.

PRODUCT GENERAL DESCRIPTION:

Part of the comprehensive FIREPRO® range, ROCKWOOL FIREPRO® Pipe Collar CE is designed and tested to seal service penetration apertures containing plastic pipework. FIREPRO® Pipe Collar CE provides a high-volume expansion and pressure seal during a fire. Tested to the harmonised European Standard EN 1366-3:2009 and proven to perform as a penetration seal, the product offers up to four hours fire resistance for differing plastic pipework services and substrate constructions and up to two hours fire stopping in flexible/ rigid wall constructions.

FIREPRO® Pipe Collar CE is slim in design (depth 30 mm or 40 mm) allowing it to be installed around a service where space is restricted, and can be installed on flexible wall, rigid wall and rigid floor constructions. When used around plastic combustible pipes, FIREPRO® Pipe Collar CE will form a penetration seal to reinstate the fire resistance performance of the wall or floor construction. The product consists of a corrosion resistant powder coated steel sleeve, containing a flexible graphite based intumescent liner which is manufactured to suit standard diameter plastic pipework. Under fire conditions, the intumescent material within the collar expands, crushing the pipework and closing the void left by the pipework, preventing the passage of fire.

FEATURES AND BENEFITS:

- High performance intumescent.
- Quick and easy to install.
- Up to EI240 fire resistance.
- Suitable for flexible wall and rigid wall/floor constructions.
- Available to suit plastic pipe sizes ranging from 32 mm to 160 mm OD and PP pipes up to 250 mm OD.
- Allows for thermal and mechanical movement of pipe.
- FIREPRO® Pipe Collar CE has been tested to BS EN 1366-3:2009.

APPLICATION:

Tested to reinstate the fire performance of rigid and flexible walls (minimum 100 mm) and rigid floors (minimum 150 mm) where combustible plastic pipes penetrate. Fire resistance testing to EN 1366-3 and proven to perform for up to EI 240 in rigid floors and EI 120 in flexible/rigid walls. Used to seal standard plastic pipe penetrations 32–250 mm diameter. Standard plastic pipes tested are PVC-U, PP, PE. FIREPRO® Pipe Collar CE is supplied in assembled form, without fixings. The collar is wrapped around the pipe at the soffit of a rigid floor or both faces of rigid/ flexible walls.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

FIREPRO® Pipe Collar CE

PRODUCT PROPERTIES:

Color: Red

Position

Surface mounted.

Fire performance: Up to EI240 fire resistance

Application temperature: -5°C to 40°C

Expansion (Expansion rate): 20:1

Fixing:

- Not required
- Three 60 x 6 mm expanding anchors - Rigid Floors.
- Three size 70 wood screws - Rigid Walls.
- Three 65 mm spider fixings - Flexible Walls.
- Three 35 mm tap in fixings - Rigid Walls & Floors.
- Three 80 mm steel pigtail screws - Ablative Coated Batt seals in walls.

Size:

- Nominal OD 40mm, 55mm, 63mm, 75mm, 82mm, 90mm, 110mm, 125mm 160mm, 200mm, 250mm
- For advice on types and sizes of pipes or particular applications, please refer to the FIREPRO Standard Details pack

CONTACT DETAILS:

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