

Bostik Bostik FP330 Pipe Collar

VASTLY EXPANDING COLLAR IN CASE OF FIRE



Product Description

Bostik FP330 Pipe Collar is a fire collar which expands in the case of a fire to fill voids left by melting plastic and burning of combustible pipe insulation. Bostik FP330 Pipe Collar consists of a split white coated, circular steel casing designed to fit around plastic pipes. The collars have a secure and simple locking device. The steel sleeve contains a graphite based expanding material which on exposure to heat fills voids left by combustible pipes and pipe insulation passing through fire walls and floors. Available on request: - Material safety data sheet - Installation Instructions Bostik FP330 Pipe Collar - ETA 19/0391

Benefits

- Fire classifications up to 240 minutes
- Classified for fire sealing in all types of constructions
- Excellent sound insulation
- Very easy to install
- Certified to the latest European standards EN 1366-3
- CE marked to ETAG 026-2
- Fire resistance up to 4 hours for both integrity and insulation
- Fast expanding graphite material
- Classified for fire sealing all types of constructions and many different building service penetrations including plastic pipes, composite pipes, metal pipes and cable
- bundles
- Approved plastic pipe sizes range from smallest pipes available to Ø 400mm, each with a wide range of pipe wall thicknesses
- Collars are available in two different heights for different fire classifications to maximize cost efficiency
- Smaller pipes can be fitted within larger collars with the benefit of accommodating pipes that are at an angle or if the opening around the pipe is too large
- Tested and certified for U/U pipe end applications
- No emissions, environmental and user friendly
- Very easy to install using widely available standard fixings

- Excellent sound insulation
- Unlimited storage time (under correct conditions)

Applications

The intended use of Bostik FP330 Pipe Collar is to reinstate the fire resistance performance of flexible walls, rigid walls and floor constructions where they are penetrated by plastic pipes and combustible pipe insulation. The fire collar is placed and anchored around the pipe. In concrete floors, only one Bostik FP330 Pipe Collar needs to be fitted to the floor or soffit. In case of wall penetration a fire collar on both sides is required. Bostik FP 330 Pipe Collar prevents the spread of heat, smoke and fire to the next compartment.

Directions Of Use

For sealing plastic pipes in floors, a single pipe collar is installed to the underside of the floor. For flexible and solid walls, a pipe collar is installed on both sides of the wall. Before fitting the pipe collar ensure that any gaps between the pipe and the separating element are sealed as follows: - In gypsum walls, gaps between the pipe and the construction below 8 mm must have a bead of Bostik FP 310 Intumescent Acoustic Acrylic to cover the opening, and for gaps 8 mm or above, the seal must be plugged with 25 mm deep Bostik FP310 Intumescent Acoustic Acrylic. - In masonry/concrete walls, gaps between the pipe and the construction below 8mm must have a bead of Bostik FP310 Intumescent Acoustic Acrylic to cover the opening, and for gaps 8 mm or above, the seal must be plugged with 20mm deep Bostik FP310 Intumescent Acoustic Acrylic on 20 mm deep backing of stonewool. - In floors, gaps between the pipe and the construction below 10 mm must have 20 mm deep stonewool to plug the opening, and for gaps 10 mm or above, the seal must be plugged with 10 mm deep Bostik FP310 Intumescent Acoustic Acrylic on 40 mm deep backing of stonewool. Place a pipe collar around the service penetration (pipe) and ensure that the fixing lugs are positioned tightly to the surface of the wall or the floor so that the anchors/fixings can be inserted fully. Where the surface is uneven, apply a sealing bead of Bostik FP 310 Intumescent Acoustic Acrylic between the wall/floor and the pipe collar. Attach the pipe collar with steel screws, anchors or fixings that are suitable for the substrate that the pipe collar will be fitted to. For flexible walls use $\geq \text{Ø}4$ mm gypsum-, wood screws or anchors with a length suitable for the number of boards that form the wall. For concrete/masonry walls and floors, use $\geq \text{Ø}4 \times 50\text{mm}$ long masonry screws or expansion bolts. On site where the penetration size is greater than the pipe diameter and/or the pipe is in an angle an oversized collar can be used. Bostik

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FP 330 Pipe Collar are tested 'oversize', i. e. the internal diameter of the collar can be larger than the pipe. In this case the empty space between collar and pipe has to be filled with Bostik FP310 Intumescent Acoustic Acrylic. Before application consult the installation instructions and ETA to ensure to achieve the intended fire resistance.

circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.

Limitations

Surface Preparations and Finishing

Cleaning

Colour(s)

-

Packaging

- Manchet

For product specifications, please refer to the Product Detail Page

Shelf Life

Shelf life is unlimited when stored in temperatures between +5 and +30°C.

Certifications

| | |
|--|-----------|
| | EN 1366-3 |
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Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

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