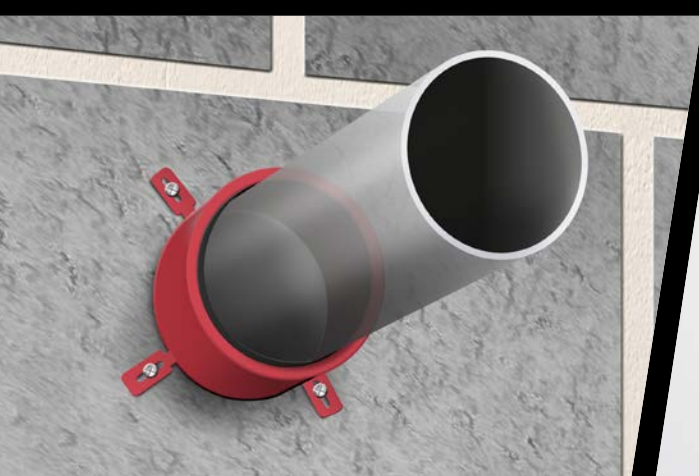


Fire-resistant collars



The ready-to-use solution for routing plastic pipes through a fire barrier.

Fire-Resistant Collar

General Product description

The IBMO Fire Resistant Collars are designed to maintain the fire resistance of fire rated walls and floors where these are breached by service penetrations, and may be used in drywalls, timber, masonry or concrete walls and floors.

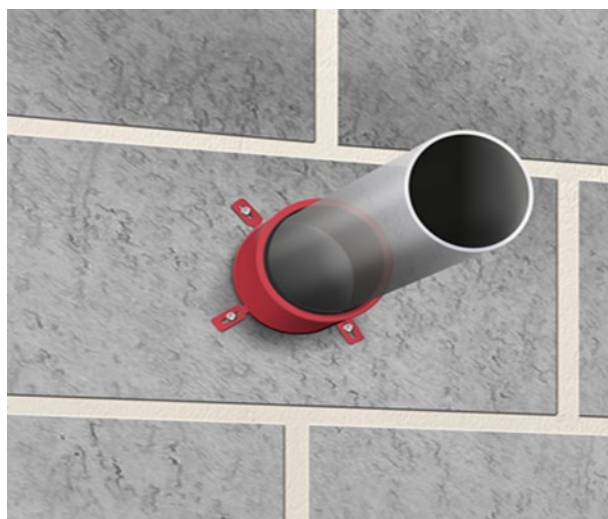


Each collar consists of a white or red coated circular steel shell that splits in two to fit around the service penetrations by means of a simple 'slide-lock' system. The steel shell contains a graphite based reactive material which reacts when exposed to heat from fire closing the openings left by the softening combustible material.

Properties

- High end fast expanding patented graphite material, certified Worldwide
- Classified for fire sealing all types of constructions such as drywalls, masonry and concrete walls, concrete and composite floors, and solid or cross-laminated timber walls and floors
- **Classified for fire sealing all types of building service penetrations such as cable bundles, cable conduits, steel pipes, copper pipes, composite pipes, PVC pipes, PE pipes, ABS pipes, PP pipes and PEX pipe-in-pipes**
- Metal and plastic pipes are classified with commonly used elastomeric pipe insulations, continuous through the fire seal
- Approved plastic pipe sizes range from smallest pipes available to Ø 400mm, each with a wide range of pipe wall thicknesses
- Approved with a single collar in some concrete and masonry wall applications, reducing cost
- Collars are available in two different heights for different fire classifications to maximise 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
- Fire classifications up to 240 minutes for both integrity and insulation
- Tested and certified for U/U pipe end applications

- Very high sound insulation
- No emissions - environmentally and user friendly
- Simple to install using widely available standard fixings
- Unlimited storage time (under correct conditions)
- 30 years working life guarantee



Collar Sizes

Product Code	Product diameter and height
WM E 32	FR Collar Ø32 / 50mm
WM E 40	FR Collar Ø40 / 50mm
WM E 55	FR Collar Ø55 / 50mm
WM E 63	FR Collar Ø63 / 50mm
WM E 75	FR Collar Ø75 / 50mm
WM E 82	FR Collar Ø82 / 50mm
WM E 90	FR Collar Ø90 / 50mm
WM E 110	FR Collar Ø110 / 50mm
WM E 125	FR Collar Ø125 / 60mm
WM E 160	FR Collar Ø160 / 60mm
WM E 200	FR Collar Ø200 / 75mm
WM E 250	FR Collar Ø250 / 75mm
WM E 315	FR Collar Ø315 / 75mm
WM E 400	FR Collar Ø400 / 100mm