

# Fire Collars

Our Fire Collar is designed to maintain the fire resistance of fire rated walls & floors where they are penetrated by plastic pipes.

They consist of a stainless steel shell which contains a heat reactive unexpanded graphite based intumescent material. Each collar is fastened to the wall using fixing lugs at the base of the unit. The unexpanded graphite material inside the collar expands up to 8 times its current volume restricting the passage of fire within plumbing penetrations.



## Key Features

- Provide up to 4 hours fire resistance
- Unaffected by moisture
- Standard and non-standard sizes available
- 10 years warranty on intumescent material

## Australian Standard

Testing in accordance with the methodology and criteria described in AS1530.4:2005 for PVC piping on a Cement Slab.

## Installation Instructions

Our Fire collar can be surface mounted, or they can be cement cast in or semi-cast in when fixing space is limited.

- **WALL FIXING:** Where there is a fire risk on both sides of a wall, our Fire Collar should be fitted to both sides of the wall.
- **FLOOR FIXING:** Penetrations through floors require a fire collar fitted to the underside only of each penetration.

Efficiency Matrix Fire Collars are suitable for use on UPVC for both wall and floor penetrations.



Code No.	Pipe Size Nom (mm)	Body (mm)			Fire Rated
		ID	OD	Height	
EMF50	50	52	66	40	4hrs
EMF75	75	78	92	40	4hrs
EMF110	110	112	130	50	4hrs
EMF160	160	164	200	65	4hrs

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