

# FIRE COLLARS

## Cast In Fire Collar

### DESCRIPTION

A cast in, high impact plastic fire collar housing an intumescent material which is activated in the event of fire, crushing the plastic pipe and sealing against the passage of flame and hot gases. The intumescent material is unaffected by water, atmospheric influences and industrial environments, and is also resistant to dilute acids, alkalis, paints and conventional construction materials such as gypsum, lime, cement and adhesives.

### APPLICATIONS

Suitable for use in fire rating plastic pipes passing through floors in high residential construction, flats, townhouses, apartments, civil projects, health care and aged care facilities, offices, etc.

### FEATURES

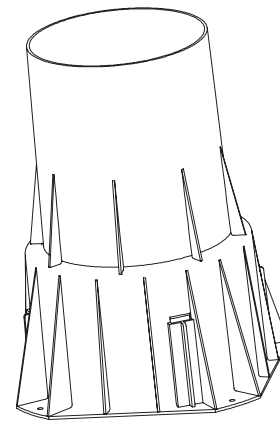
- Fully certified to Australian Standards AS1530.4 and AS4072.1
- 250mm height of collars covers wide range of floor slab thicknesses
- Integral moisture, grout and smoke seal
- Collar sizes service pipe sizes from 65-100mm (nom)
- Base of collar has ability to accommodate pipe fittings
- Reinforced fixing holes
- Quick and easy to install
- A cost effective fire stopping solution
- 10 year warranty on intumescent material
- Australian made

### MODELS AVAILABLE

Model	To suit nominal Pipe (mm)	Actual PVC pipe O.D (mm)	Collar opening	Collar height	Collar width	Fire resistance level (floor application)
CI65-100	65-100	69-110	114	250	210	uPVC, -180/120 PP -/240/120
CI65-100S	65-100	69-110	114	250	210	uPVC, HDPE, PP, PE -/240/240

### INSTRUCTIONS

- Screw or nail fire collar to formwork
- Pour slab around collar (do not allow concrete to enter fire collar)
- Remove formwork
- Cut collar off at top of slab if desired
- Insert plastic pipe
- Back fill around pipe with concrete or mortar if desired (not required for fire rating)



CI65-100

### HOW TO SPECIFY

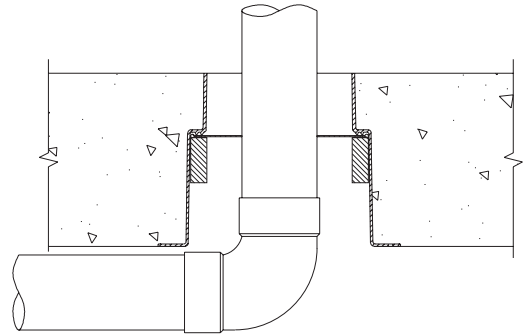
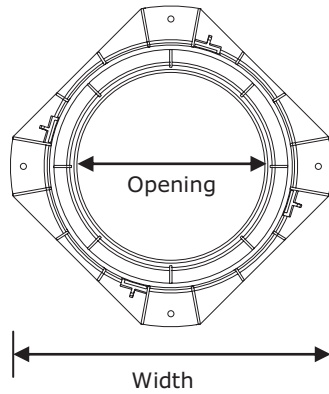
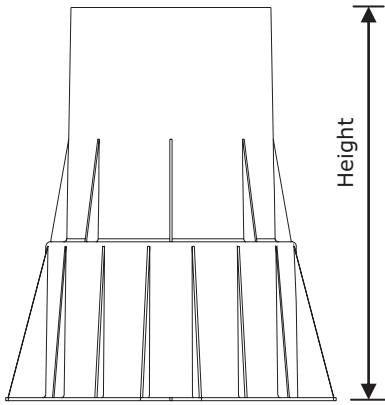
*Eg, "Fire Collars to be Pyropanel 'CI' Cast In fire collars , incorporating integrated smoke seal, and installed as per manufacturers instructions"*

\* denotes example - delete, change or specify as required

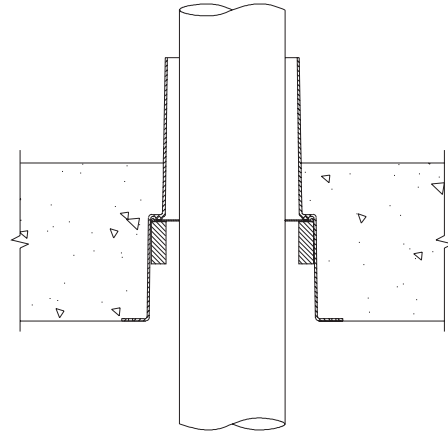
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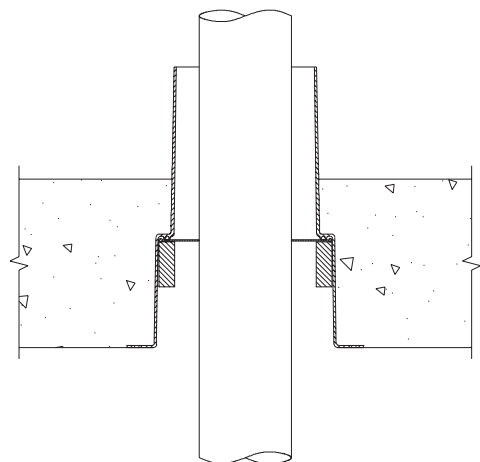
### BUILDING IN DETAILS



Example of 65mm pipe with elbow through CI65-100 collar with top of collar cut level with slab



Example of 100mm pipe through CI65-100 collar



Example of 80mm pipe through CI65-100 collar

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