FIREPRO

FIRE PROTECTIVE BUILDING PRODUCTS

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CI/SfB
B318 DATASHEET – Mar 14

Product specifications can change. Contact us to ensure you have our latest datasheet

FIREPRO B318 One-plumb Floor Waste Pipe Collar System

Firepro B318 Pipe Collar System is designed specifically for floor waste situations where there is a requirement to meet the specifications of AS4072.1 Section 4.6.2 on 100mm ID uPVC pipes penetrating concrete floor slabs of 150mm or greater thickness. In situations where compliance with 4.6.1 is appropriate is appropriate, see our B315 datasheet.

The B318 System is made up of 3 parts: a B318 Cast-in Collar, a FWD101 Rubber Disc, and a FWD100 Intumescent Puck.

The collar is cast in place around the outside of the pipe. The disc and puck installed within the pipe.

Fire Testing
The Firepro B318 One-plumb System is fire tested by Bodycote Warrington Fire to AS1530.4 1997 and AS4072 1992 for floor waste only in concrete floors of 150mm or greater thickness. The system achieved a fire rating of -/240/180.
Assessed to AS1530.4 2005 and AS4072.1 2005 – Part 4.6.2 as appropriate for floor wastes using a steel or brass floor grating.

Water Flow Test
The intumescent puck FWD100 was tested and approved by CSIRO to MP52-2005 ATS5200.040. 8.3 waterway requirements for floor waste outlet systems.

Installation

1 Nail the B318 floor waste collar to the formwork using the pre-drilled holes.

2 Insert a short length of 100mm pipe into the collar ensuring contact with the formwork and that the pipe will extend above the top of the floor slab when poured.

3 After the formwork is stripped the pipe can be retained in the floor waste collar or removed for other service connections.

4 Apply PVC glue to the outside of the rubber disc FWD101 and place the disc within the pipe between the top of the floor waste collar and the floor slab.

5 When the glue is dry and the rubber disc secure within the pipe, the FWD100 intumescent puck is inserted into the rubber disc. Ensure that the cavity in the rubber disc is in alignment with the cavity of the intumescent puck to enable the necessary water flow to be maintained.