



ALLPROOF
INDUSTRIES

Installation Instructions:

1. Core drill a hole to the specified diameter to accommodate the pipe size.
2. Install the drop in fire collar using two metal pin anchors fixed into the slab.
3. Ensure collar on underside of slab is exposed no greater than 60mm nor recessed more than 5mm into the slab.
4. Insert pipework through the collar and apply 5 mm deep Allproof MAS310 sealant over a PE backing rod at the top of the slab.

Services & Ratings (FRR)

Service Penetration	Pipe size	Up to FRR - 70mm slab	Up to FRR - 100mm slab
PVC pipe (with Socket)	40-150mm	-/60/60	-/120/120
PVC pipe with socket	40-100mm	-/60/60	-/120/120
HDPE pipe	40-150mm	-/60/60	-/120/120
D-Blue PP-MD pipe	50-150mm	-/60/60	-/120/120
PP-R SDR9 pipe	32-125mm	-/60/60	-/120/120
PP-R SDR11 pipe	32-40mm	-/60/60	-/120/120
PP-R SDR7.4 pipe	20-25mm	-/120/60	-
PEX pipe	16-25mm	-/120/120	-
PB pipe	15-28mm	-/120/120	-
PEX/AL/PE pipe	25mm	-/120/60	-

Note: Refer to page 2 for a detailed table outlining the full range of service penetrations, including applicable FRR ratings.

Compliance

Compliance BRANZ Appraisal No. 1088(2025)
Standards AS1530.4-2014 & AS4072.1-2005

Firestop Centre Technical support:
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Drawing Rev: 1.1

Scale: NTS



PIPE MATERIAL	PIPE SIZES (MM)	DIFC PRODUCT	MIN DEPTH (MM)	FRL
PVC Stack	40, 50, 65, 80, 100 & 150	40, 50, 65, 80, 100 & 150	70 100	-/60/60 -/120/120
PVC Stack (Socket Connection)	40, 50, 65, 80 & 100	40, 50, 65, 80 & 100	70 100	-/60/60 -/120/120
PVC FWG	80 & 100	80 & 100	70 100	-/60/60 -/120/120
HDPE Stack	40, 50, 80, 100 & 150	40, 50, 80, 100 & 150	70 100	-/60/60 -/120/120
HDPE FWG	100	100	70 100	-/60/60 -/120/120
D-Blue	50, 75, 100 & 150	50, 80, 100 & 150	70 100	-/60/60 -/120/120
PP-R SDR9	32, 40, 110 & 125	32, 40, 100 & 125	70 100	-/60/60 -/120/120
PP-R SDR11	32 & 40	32 & 40	70 100	-/60/60 -/120/120

Socket Connection: Pipe socket connection located within aperture of DIFC.

NOMINAL PIPE SIZE (MM)	MIN SLAB DEPTH (MM)	NOMINAL PIPE WALL THICKNESS (MM)	PRODUCT CODE	PENETRATION HOLE SIZE (MM)	FLOOR FRL	REPORT NUMBER
OTHER PLASTIC PIPE						
20 PPR SDR 7.4	70	2.8	DIFC32	57	-/120/60	146205
25 PPR SDR 7.4	70	3.5	DIFC32	57	-/120/60	146205
16 PEX	70	2.2	DIFC32	57	-/120/120	143281-002
20 PEX	70	2.4	DIFC32	57	-/120/60	146205
25 PEX	70	3.5	DIFC32	57	-/120/60	143281-002
15 PB	70	1.6	DIFC32	57	-/120/90	143281-002
20 PB	70	2.5	DIFC32	57	-/120/60	146205
28 PB	70	3.5	DIFC32	57	-/120/120	143281-002
25 PEX/AL/PE	70	2.5	DIFC32	57	-/120/60	143281-002

Tested on a composite concrete floor with 70mm minimum thickness and 130mm maximum thickness. Profile change of 60mm.

DIFC Size	Core Hole Size
DIFC32x210	57mm
DIFC40x210	72mm
DIFC50x210	86mm
DIFC65x210	102mm
DIFC80x210	112mm
DIFC100x210	142mm
DIFC125x210	162mm
DIFC150x210	202mm