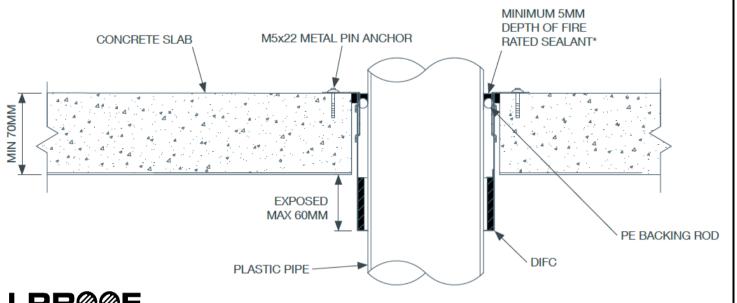


System FC639

Page 1

Penetration Detail: Plastic Pipes up to 150mm fire-stopped with Allproof Drop In Fire Collar

Separating Element: Min. 70mm thick Concrete Floor



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.
- 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 -		Up to FRR -	
		70mm slab	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

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Drawing Rev: 1.1

Scale: NTS

Disclaimer: Firestop Centre may change product specifications without notice as part of our ongoing development and testing. All information in this document is provided in good faith and for guidance only. All drawings are for illustration purposes only and may not reflect the actual product. Since we cannot control how the product is installed or the conditions on-site, we do not guarantee the product's performance. We also accept no responsibility for any loss, damage, or injury resulting from the use of this information.



System FC639

Page 2

Penetration Detail: Plastic Pipes up to 150mm fire-stopped with Allproof Drop In Fire Collar

Separating Element: Min. 70mm thick Concrete Floor

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	-/60/60
	, , ,	,,,,	100	-/120/120
PVC Stack	40, 50, 65, 80 & 100	40, 50, 65, 80 & 100	70	-/60/60
(Socket Connection)	40, 00, 00, 00 & 100	40, 30, 03, 00 & 100	100	-/120/120
PVC FWG	80 & 100	80 & 100	70	-/60/60
PVCFVVG	80 & 100		100	-/120/120
LIDDE Otable	40 50 00 400 0 450	40, 50, 80, 100 & 150	70	-/60/60
HDPE Stack	40, 50, 80, 100 & 150		100	-/120/120
HDPF FWG	100	100	70	-/60/60
NDPE FWG	100		100	-/120/120
D. Dhuo	E0 75 100 0 150	50, 80, 100 & 150	70	-/60/60
D-Blue	50, 75, 100 & 150		100	-/120/120
	00 40 440 8 405	32, 40, 100 & 125	70	-/60/60
PP-R SDR9	32, 40, 110 & 125		100	-/120/120
DD D CDD44	00.9.40	00.8.40	70	-/60/60
PP-R SDR11	PP-R SDR11 32 & 40 32 & 40		100	-/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 PIPI	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



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