



FIRESTOP CENTRE

Authorised New Zealand Distributor
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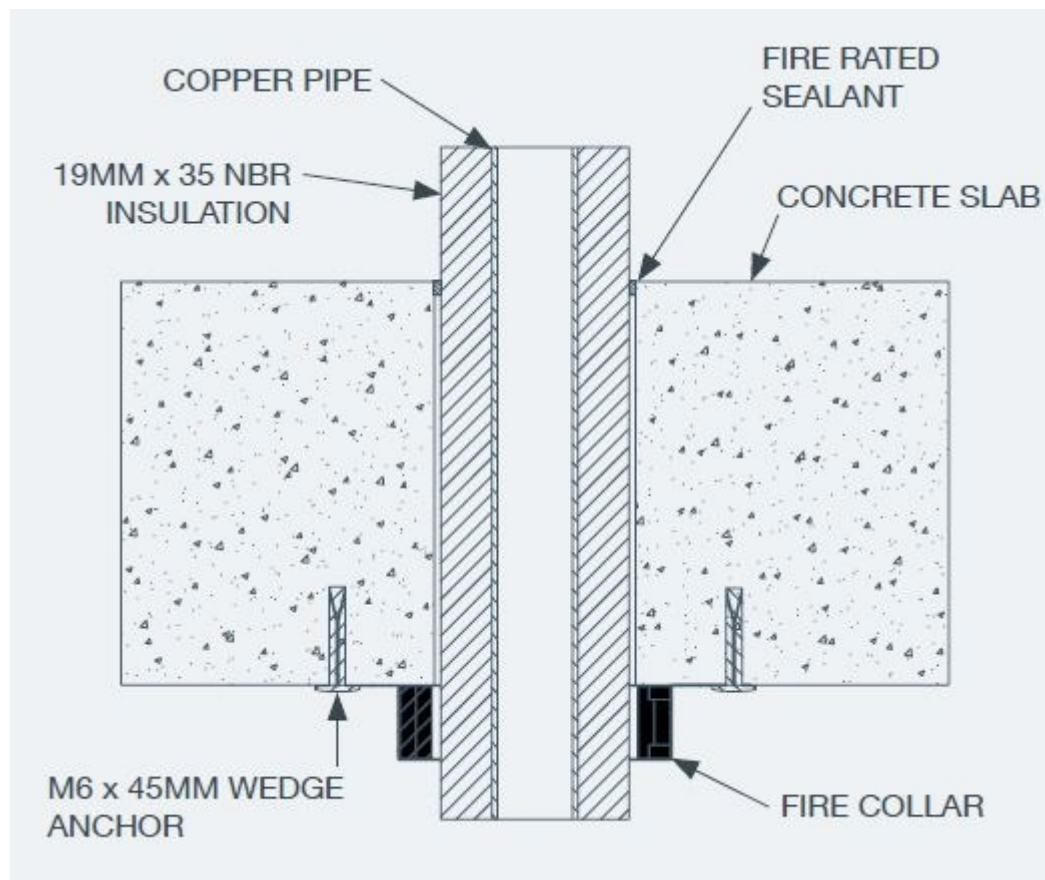
Allproof Low Profile Fire Collar Insulated 32mm Copper Pipe in 150mm Concrete Floor

INSTALLATION INSTRUCTIONS:

1. Ensure substrate around pipe is flat and free from obstructions.
2. Open pipe collar and position around pipe.
3. Slide tab through slot in pipe collar and fold back 180° to secure.
4. Secure pipe collar using M6x25 masonry anchors or M6x4.5 DBZ wedge anchors into the concrete slab. Do not use fixings which rely on plastic or nylon components for grip.
5. Install only from underside on floor penetrations.
6. Seal the annular space at the top of the slab with min 5mm of Allproof MAS310 fire sealant. Use backing rod if annular gap > 4mm.



BRANZ Appraised
Appraisal No.1088 [2019]



BRANZ Appraisal 1008
Technical Manual - Plumbing Pg 5
AS1530.4-2014 AS4072.1-2005

System ID# FC501

Products	Allproof Low-Profile Fire Collar
Application	Fire stopping of insulated copper pipes in rigid floors
Construction	Minimum floor thickness of 150mm and comprise aerated concrete or concrete

Fire Classification:

Copper pipe 32mm diam insulated with 19mm NBR through a 75mm core-drilled hole
FRR -/120/90

ALLPROOF
INDUSTRIES

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For all technical details on the products specified please refer to the technical data sheets that can be found on www.firestopcentre.co.nz

Signed and approved:

Sheet size: A4	Drawn date & no: 28/5/25
Scale: NTS	Drawn by: G.P

CONCRETE SLAB TEST RESULTS:

NOMINAL PIPE SIZE (MM)	SLAB DEPTH (MM)	NOMINAL PIPE WALL THICKNESS (MM)	PRODUCT CODE	PENETRATION HOLE SIZE (MM)	FLOOR FRL	REPORT NUMBER
PVC PLASTIC PIPE						
40	70	2.0	ALLFC40	47	-/90/60	6017
50	70	2.2	ALLFC50	57	-/90/60	4831
65	70	2.7	ALLFC65	72	-/90/60	4831
80	70	2.9	ALLFC80	87	-/90/60	4831
100	70	3.2	ALLFC100	112	-/90/60	6017
20	120	1.8	ALLFC25	28	-/120/120	5125
40	150	2.0	ALLFC40	47	-/120/120	3788
50	150	2.2	ALLFC50	57	-/120/120	3788
65	150	2.7	ALLFC65	72	-/120/120	4100
80	150	2.9	ALLFC80	87	-/120/120	3808
100	150	3.2	ALLFC100	112	-/120/120	3788
150	150	4.5	ALLFC150	162	-/120/120	4100
225	150	6.0	ALLFC250	262	-/180/180	145430
PVC PLASTIC PIPE - WITH SOCKET						
40	120	Socket	ALLFC40	47	-/240/180	5573
50	150	Socket	ALLFC50	57	-/120/120	4465
65	150	Socket	ALLFC65	72	-/120/120	4465
80	150	Socket	ALLFC80	87	-/120/120	4465
100	150	Socket	ALLFC100	112	-/120/120	3974
150	150	Socket	ALLFC200	183	-/120/120	148721
PVC PLASTIC STORMWATER PIPE						
175	150	5.5	ALLFC200	205	-/120/120	148721
225	150	6.0	ALLFC250	262	-/240/180	143281-004
HDPE PLASTIC PIPE						
90	120	3.5	ALLFC100	95	-/180/180	146150
125	120	4.9	ALLFC150	130	-/45/45	146150
50	150	3.0	ALLFC50	52	-/120/120	3974
56	150	3.0	ALLFC50	58	-/120/120	4834
63	150	3.0	ALLFC65	65	-/120/120	4834
75	150	3.0	ALLFC80	77	-/120/120	3974
110	150	4.3	ALLFC100	112	-/120/120	3974
150	150	6.2	ALLFC150	162	-/120/120	4100
PP-R PLASTIC PIPE (SDR 7.4)						
20	120	2.2	ALLFC25	28	-/120/120	5125
25	120	3.5	ALLFC25	35	-/180/180	146150
40	150	5.5	ALLFC40	42	-/120/120	4058
50	150	7.2	ALLFC50	54	-/120/120	148721
63	150	9.2	ALLFC65	67	-/60/45	148721
75	150	10.3	ALLFC80	77	-/120/120	4058
110	150	15.1	ALLFC100	112	-/90/90	4058

Continued on next page.

CONCRETE SLAB TEST RESULTS (CONTINUED):

NOMINAL PIPE SIZE (MM)	SLAB DEPTH (MM)	NOMINAL PIPE WALL THICKNESS (MM)	PRODUCT CODE	PENETRATION HOLE SIZE (MM)	FLOOR FRL	REPORT NUMBER
RAUPIANO PP-MD						
40	120	1.8	ALLFC40	42	-/120/120	5169
50	120	1.8	ALLFC50	52	-/120/120	5169
75	120	1.9	ALLFC80	77	-/120/120	5169
110	120	2.7	ALLFC100	112	-/120/120	5169
D BLUE PP-MD						
40	120	1.8	ALLFC40	42	-/120/120	4467
50	120	1.8	ALLFC50	52	-/240/240	5573
75	120	2.3	ALLFC80	77	-/120/120	4467
110	120	3.4	ALLFC100	112	-/240/240	5573
PEX						
16 PEX	120	2.35	ALLFC25	28	-/120/120	5125
20 PEX	120	2.95	ALLFC25	28	-/120/120	12424-001
25 PEX	120	3.75	ALLFC25	28	-/120/120	5125
32 PEX	120	2.8	ALLFC50	55	-/180/180	146150
PB						
16 PB	120	1.7	ALLFC25	28	-/120/120	5125
20 PB	120	2.1	ALLFC25	28	-/120/120	12424-001
28 PB	120	2.8	ALLFC25	32	-/120/120	5125
PEX/AL/PEX						
16 PEX/AL/PEX	120	2.0	ALLFC25	30	-/180/120	146150
20 PEX/AL/PEX	120	2.0	ALLFC25	30	-/120/120	146150
25 PEX/AL/PEX	120	2.8	ALLFC25	28	-/120/120	5125
40 PEX/AL/PEX	120	4.0	ALLFC50	50	-/60/-	146150
19MM WALL NBR INSULATED COPPER						
32	150		ALLFC65	75	-/120/90	148721

Fixing: Collars tested using M6x25 masonry anchors or M6x45mm Wedge Anchors.

For installations resulting in an annular gap of 4mm or greater insert PE backing rod prior to fire rated sealant.