



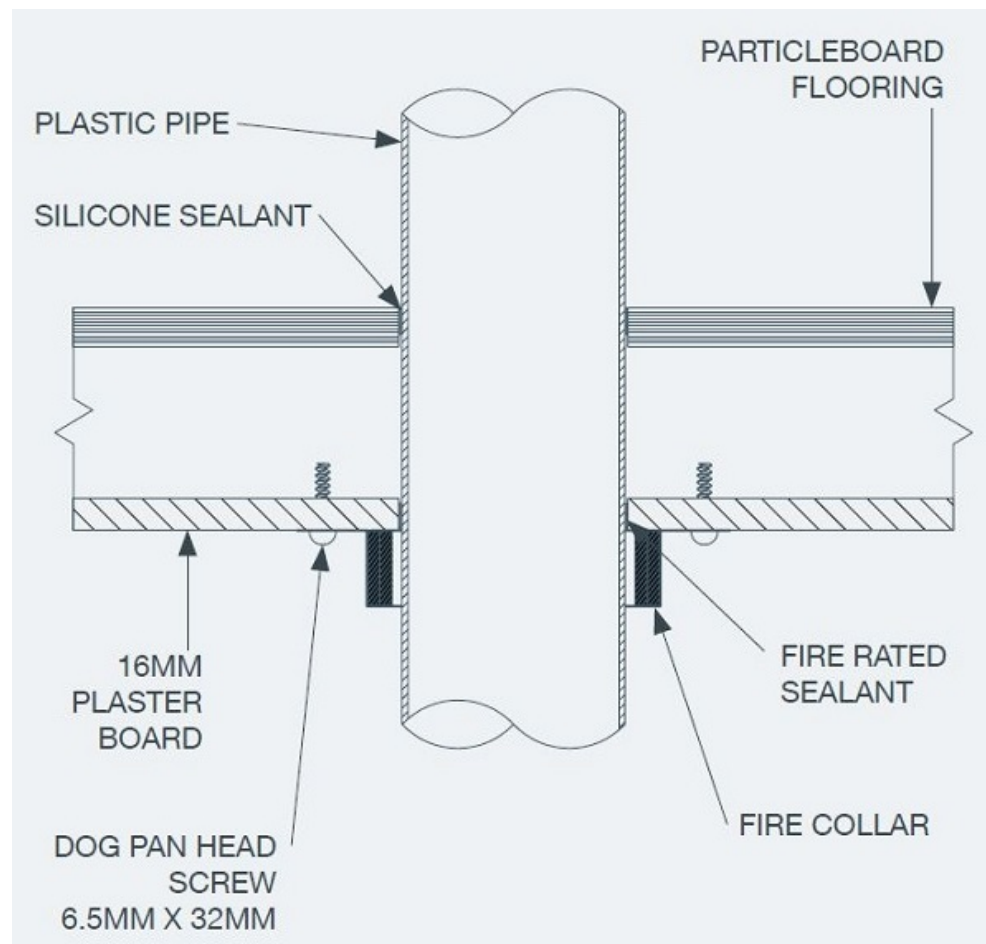
# FIRESTOP CENTRE

Authorised New Zealand Distributor  
Ph (09) 483 4000 www.firestopcentre.co.nz

## Allproof Low Profile Fire Collar Plastic Pipe through a 1x16mm Plasterboard Ceiling-Particleboard Floor See pg 2 for details

### INSTALLATION INSTRUCTIONS:

1. Ensure substrate around the pipe is flat and free from obstructions.
2. Seal the annular space between the plasterboard and the pipe with Allproof MAS310 fire sealant to a depth of at least 13mm
3. Open pipe collar and position around the pipe.
4. Slide tab through slot in pipe collar and fold back 180° to secure.
5. Secure collar using 6.5mm x 32mm dog pan-head screw anchors fixed directly into the plasterboard. Do not use fixings which rely on plastic or nylon components for grip.
6. Finally seal the space between the pipe and the particleboard with a silicone sealant (or with FR Acrylic/MAS310).



BRANZ Appraised  
Appraisal No.1088 [2019]

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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](http://www.firestopcentre.co.nz)

Signed and approved:



BRANZ Appraisal 1008  
Technical Manual - Plumbing Pg 16  
AS1530.4-2014 AS4072.1-2005

System/FPA Register ID# FC740

<b>Products</b>	Allproof Low-Profile Fire Collar
<b>Application</b>	Fire stopping of plastic pipe in floor-ceiling system
<b>Construction</b>	Ceiling of 1x16mm FR plasterboard on 190mm timber framing and floor above of 19mm particleboard

### Fire Classification:

See pg 2 for details of pipe types and sizes:

PVC up to 100mm diam	FRR -/60/60
PEX up to 25mm diam	FRR -/60/60

## ALLPROOF INDUSTRIES

Allproof Industries Ltd  
17 Bay Park Place  
Beach Haven, AK 0626

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

# 16MM PLASTERBOARD CEILING TEST RESULTS:

NOMINAL PIPE SIZE (MM)	NOMINAL PIPE WALL THICKNESS (MM)	PRODUCT CODE	PENETRATION HOLE SIZE (MM)	PLASTERBOARD CEILING FRL*	REPORT NUMBER
PVC PLASTIC PIPE					
40	2.0	ALLFC40	55	-/60/60	148449
50	2.5	ALLFC50	70	-/60/60	148449
65	2.7	ALLFC65	76	-/60/60	148449
80	2.9	ALLFC80	89	-/60/60	148449
100	3.5	ALLFC100	110	-/60/60	148449
PEX PIPE					
16	2.3	ALLFC25	24	-/60/60	148449
20	2.7	ALLFC25	25	-/60/60	148449
25	3.2	ALLFC25	28	-/60/60	148449

Fixing: Collars tested using 6.5mm x 32mm dog pan head screw anchors

Tested using a 190mm deep timber framing with one layer of 16mm fire rated plasterboard on the exposed side of the frame and 19mm particleboard flooring on the unexposed side of the frame. A total floor-ceiling thickness of 225mm. Fire collars are fixed using 6.5mm x 32mm Dog Pan Head Screws directly into plasterboard - not fixed into framing or studs. Fire rated sealant is applied in the space between the pipe and plasterboard on the exposed face and silicone sealant between the pipe and particleboard flooring on the unexposed face.

## PLASTERBOARD CEILING INSTALLATION DETAILS:

