

# QWR-PC230-01

## Plastic Pipe penetrating a Plasterboard timber framed ceiling (229.5mm or thicker)



PROTECTING PEOPLE & PROPERTY

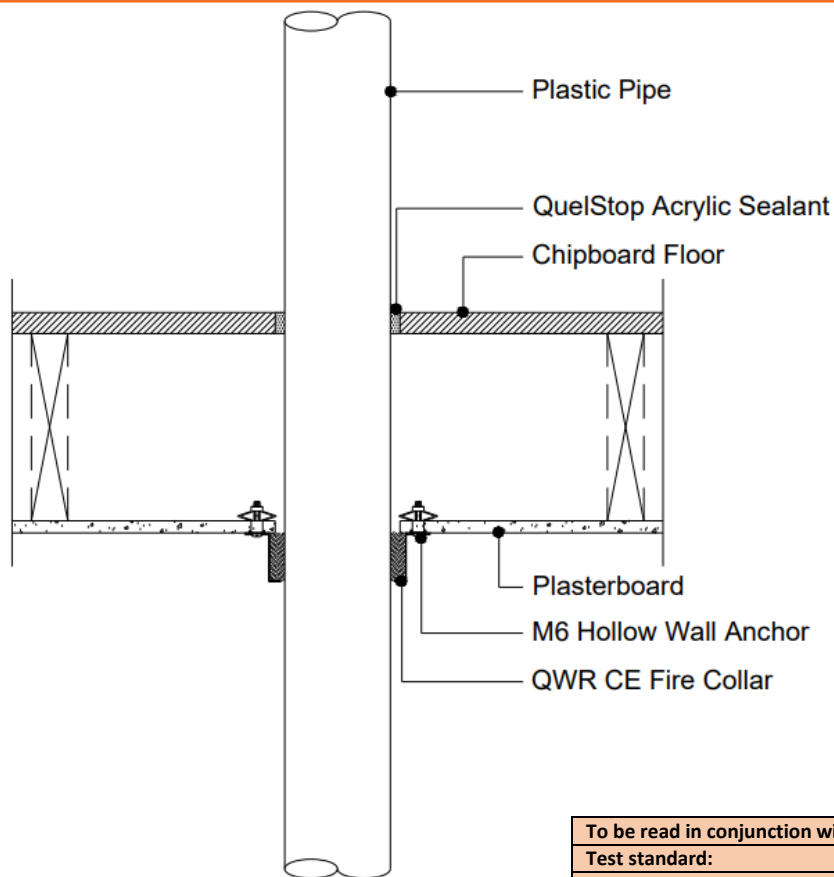
This standard detail is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines. In line with the company's policy of continual development, details are subject to change and/ or withdrawal therefore you must ensure this is the latest published detail and instructions.

**Additional Information**

The floor comprised of 195mm deep by 45mm thick grade C16 timber joists at 600mm centres. The exposed face comprised 1 layer of 12.5mm Gyproc Fireline Plasterboard fixed to the underside of the joists at 150mm centres. 22mm chipboard was used on the unexposed face of the construction, fixed at 150mm centres.

The QWR Fire Collar is secured using M6 X 52mm steel hollow wall anchors through all lugs.

22mm deep x ≤10mm annulus of QuelStop Intumescent Acrylic Sealant to floorboard on the unexposed face.



Quelfire Products Required	
Product Code	Description
QWR50/CE	Fire Collar for 50mm pipes
QWR110/CE	Fire Collar for 110mm pipes
QSS310	QuelStop Intumescent Sealant

Service Type	Size of Service	Pipe Wall Thickness	Recommend Hole Dia.	QWR Collar	Fire Rating
U-PVC	Ø50mm	2.4mm	Ø52 - 70mm*	QWR50/CE	60 minutes integrity U/C 60 minutes insulation U/C
	Ø110mm	3.2mm	Ø112 - 130mm*	QWR110/CE	
<b>*Up to a 10mm annulus around the pipe should be sealed with QuelStop CE Marked Intumescent Acrylic Sealant</b>					

<b>To be read in conjunction with:</b>	Test Report WF504204/R, Specimens B & C
<b>Test standard:</b>	Generally, In accordance with BS EN1366-3:2009
<b>Substrate minimum thickness:</b>	229.5mm
<b>First service support:</b>	≤400mm
<b>Drawing Scale:</b>	Not to Scale
<b>Issue Number:</b>	1
<b>Date of Issue:</b>	November 2021
<b>Detail Reference:</b>	QWR-PC230-01

### Important Information:

- The supporting construction must be installed in accordance with the manufacturer's guidelines and must be capable of achieving the required fire rating of the firestop.
- All Services should be adequately supported either side of the firestop to ensure that no load is transferred onto the firestop seal.

### Scope and Liability:

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