

QB-PC230-P-12

TracPipe CC penetrating a plasterboard timber framed ceiling (229.5mm or thicker)



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 Instructions

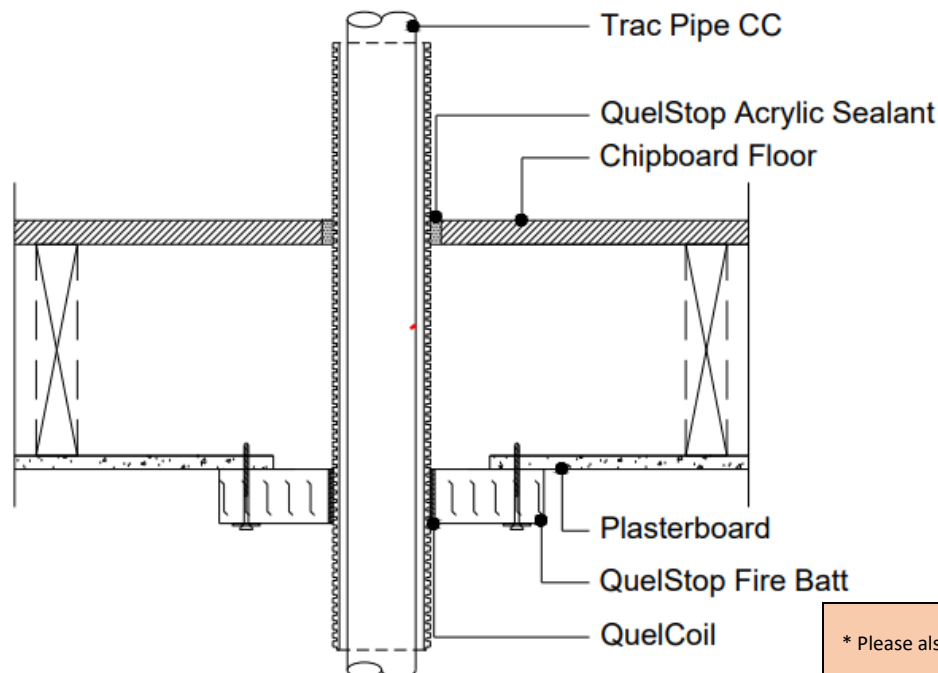
The floor comprised of 195mm deep by 45mm thick grade C16 timber joists at 600mm centres. The exposed face comprised 1 layer of 12.5mm Gyproc Fireline Plasterboard fixed to the underside of the joists at 150mm centres. 22mm chipboard was used on the unexposed face of the construction, fixed at 150mm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

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

BS EN 1366-3:2021 Section 13.7: The distance between the aperture edges of penetration seals in a building element shall be as tested or minimum 100mm. The distance between the aperture edge of a penetration seal and any other penetration (e.g., door) in a building element shall be minimum 200mm.

Different Supporting Construction

For applications where the supporting construction is different to what is stated Quelfire are not able to comment, and we would advise you consult your project's fire consultant or a qualified 3rd party to see if a technical assessment in accordance with the [PFPF guidelines](#) is possible. The below mentioned Fire Test Report can be requested from Quelfire's technical team at technical@quelfire.co.uk



Quelfire Products Required

Product Code	Description
QB50D	QuelStop Fire Batt
QUELCOIL	QuelCoil Continuous Intuwrap
QSS310	QuelStop Intumescent Acrylic Sealant
QSC5KG	QuelStop Ablative Coating 5kg tub
Fixings	Select correct substrate fixing

QuelStop Fire Batt Fixing Instruction

Follow the installation steps referenced in the [QuelStop Fire Batt installation guidance](#) document.

QuelStop Fire Batt overlap to substrate is ≥50mm on all sides. QuelStop Fire Batt bedded to the plasterboard using QuelStop Acrylic Sealant and mechanically fixed to the substrate with minimum 6mm x 80mm steel wood screws and 25mm diameter steel retaining washers. Fixings installed in the centre of the overlap in every corner of the batt seal.

Spacing as per BS EN 1366-3: 2021, Section 13.7

* Please also consider any requirements that the floor manufacturer has with regards to spacing between openings.

Minimum distance from edge of opening to another aperture with a service penetration tested to BS EN 1366-3	100mm*
Minimum distance from edge of opening to another aperture with a penetration <u>not</u> tested to BS EN 1366-3	200mm*

To be read in conjunction with:	Test Report WF504204/R, Specimen I
Test standard:	Generally, In accordance with BS EN1366-3
Substrate minimum thickness:	229.5mm
First Service Support:	≤400mm
Maximum Aperture:	160mm x 160mm
Drawing Scale:	Not to Scale
Issue Number:	3
Date of Issue:	September 2023
Detail Reference:	QB-PC230-P-12

Service Type	Size of Services	Pipe Wall Thickness	Type of Sleeve	Size of Sleeve	Sleeve Wall Thickness	QuelCoil Layers required	Fire Rating
TracPipe CC ≤3No. TracPipe CC	≤Ø63mm	7.0mm	Gasflex PE	≤Ø90mm (C/S)	6.0mm	2 X 2mm Layers	60 minutes Integrity C/U 60 minutes Insulation C/U

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 on both sides of the firestop to ensure that no load is transferred onto the firestop seal.

Scope and Liability:

- Any Information provided by or on behalf of Quelfire Limited is provided for general information only. It is not intended to amount to advice on which you should rely. You must obtain professional or specialist advice before taking, or refraining from, any recommendation or action.
- The summary is not exhaustive and does not consider all issues relevant to the enquiry. It is limited to the information and time available to us. We have not verified any information made available to us by you or any other source, nor have we carried out a physical inspection of any property. We make no representations, warranties or guarantees, whether expressed or implied, that any information is accurate, complete or up to date.
- We do not accept a duty of care to you or any other person in respect of the enquiry, nor do we accept any liability to you or any other person for any loss arising out of or in connection with the enquiry or any reply provided by us. Different limitations and exclusions of liability arising as a result of the supply of any products or services by us to you, and these will be set out in our terms and conditions of supply, a copy of which is available on request.
- Full terms and conditions of sale are available at <https://www.quelfire.co.uk/terms-conditions-of-sale/>