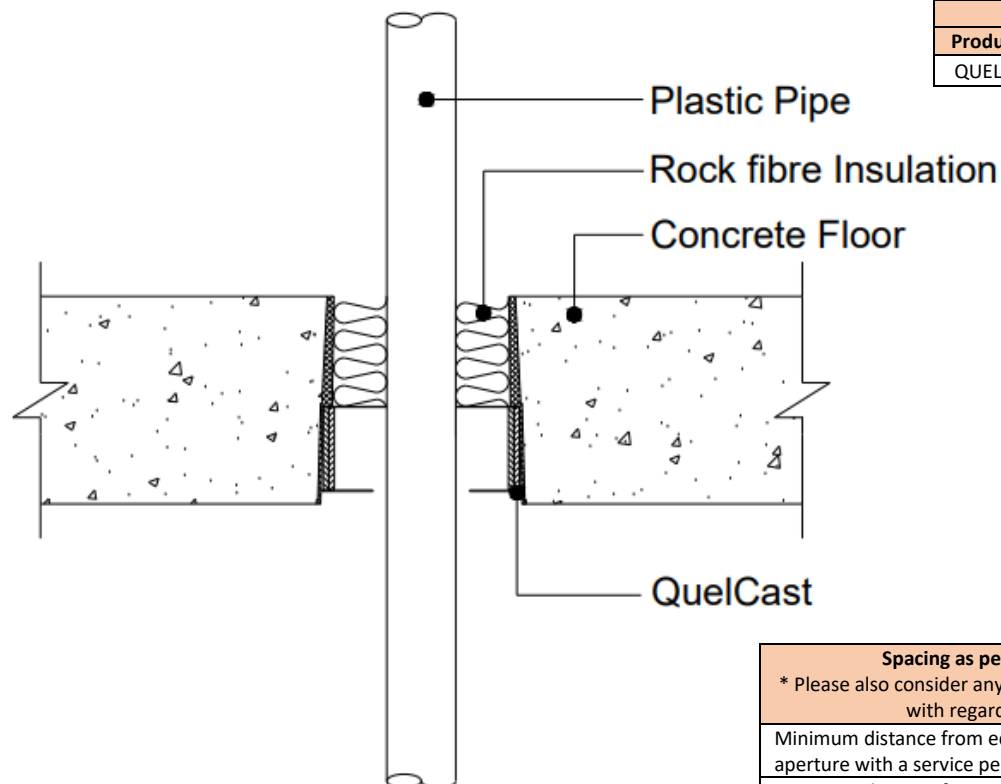


This standard detail is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines
In line with the company's policy of continual development, details are subject to change and/ or withdrawal therefore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

Additional Instructions

The floor must have a minimum thickness of 150mm and comprise of concrete or aerated concrete, with a minimum density of 670kg/m³.

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.

**Quelfire Products Required**

Product Code	Description
QUELCAST50	Cast In Fire Collar for 50mm pipes

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 not tested to BS EN 1366-3	200mm*

Service Type	Size of Services	Pipe Wall Thickness	Insulation	QuelCast Required	Classification
U-PVC Pipe	50mm	2.4mm	45kg/m³ Rock Fibre Insulation packed around the pipe within the Cast In Fire Collar above the Rubber smoke seal up to the top of the floor slab	QUELCAST50	EI 240 U/C
PE, PE-X, ABS, SAN-PVC** Pipe		3.0mm			
**PE in accordance with EN1519-1, EN1266-1, EN 12201-2 and EN ISO 15494, PE-X in accordance with EN ISO 15875-2, ABS in accordance with EN 1455-1 and EN ISO 15493 as well as SAN+PVC in accordance with ISO 19220					

To be read in conjunction with:	ETA 20/1203 pages 7 - 9
Test standard:	BS EN1366-3 & EN13501-2:2016
Substrate minimum thickness:	150mm
First service support:	≤400mm
Drawing Scale:	Not to Scale
Issue Number:	3
Date of Issue:	January 2023
Detail Reference:	QC-CF150-01

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:

- 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.
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