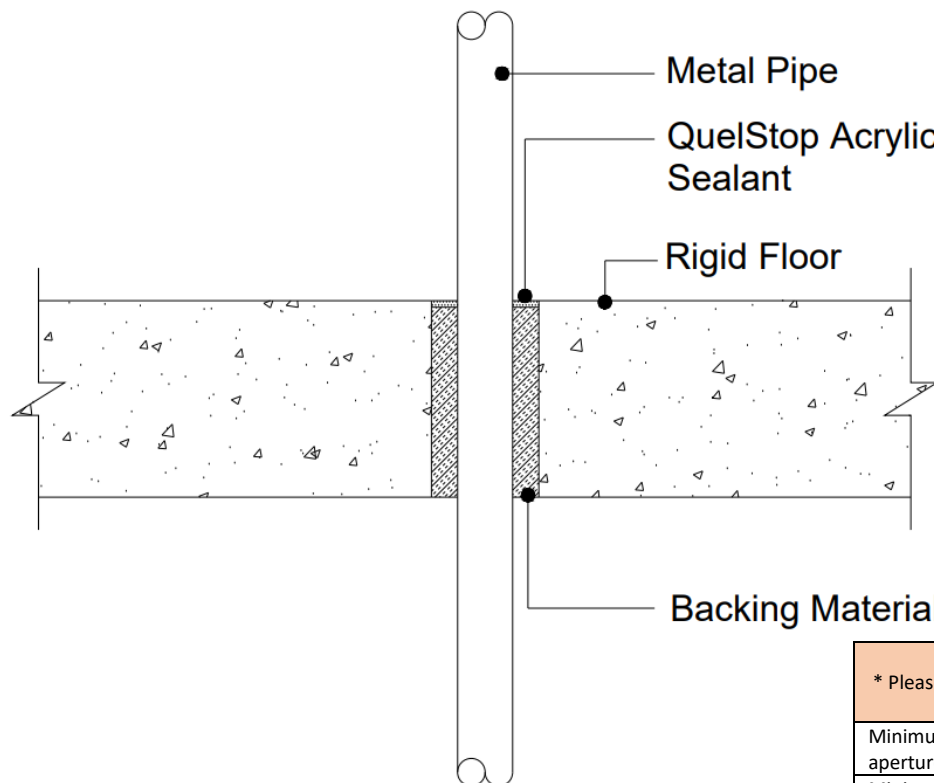


This standard detail is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines. In line with the company's policy of continual development, details are subject to change and/ or withdrawal therefore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

Additional Instructions
Rigid floors minimum $\geq 150\text{mm}$ thickness and to have a minimum density of $\geq 650\text{kg/m}^3$.
QuelStop Acrylic Sealant installed on top of the floor slab.
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
QSS310	QuelStop Intumescent Acrylic Sealant

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	QuelStop Acrylic Sealant (Installed Top of Floor)	Backing Material	Classification
Copper/ Cast Iron & Steel Pipe*	$\leq \varnothing 42\text{mm}$	1.0 - 14.2mm	Minimum 20mm Annulus Maximum 200 x 200 aperture 5mm Depth	Stone wool or ceramic wool ($\geq 145\text{mm}$ depth $\geq 45\text{kg/m}^3$ density)	E 240 C/U
	$\varnothing 42 - 159\text{mm}$				E 180 C/U
* All metal pipe materials are covered which have a thermal conductivity equal or lower than the metal pipe tested and provided the melting point is at least equal or greater.					

To be read in conjunction with:	UL EU Certificate 01192-CPR, Page 43
Test standard:	BS EN1366-3 & EN13501-2:2016
Substrate minimum thickness:	150mm
First Service Support:	$\leq 400\text{mm}$
Drawing Scale:	Not to Scale
Issue Number:	3
Date of Issue:	January 2023
Detail Reference:	QSS-CF150-03

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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