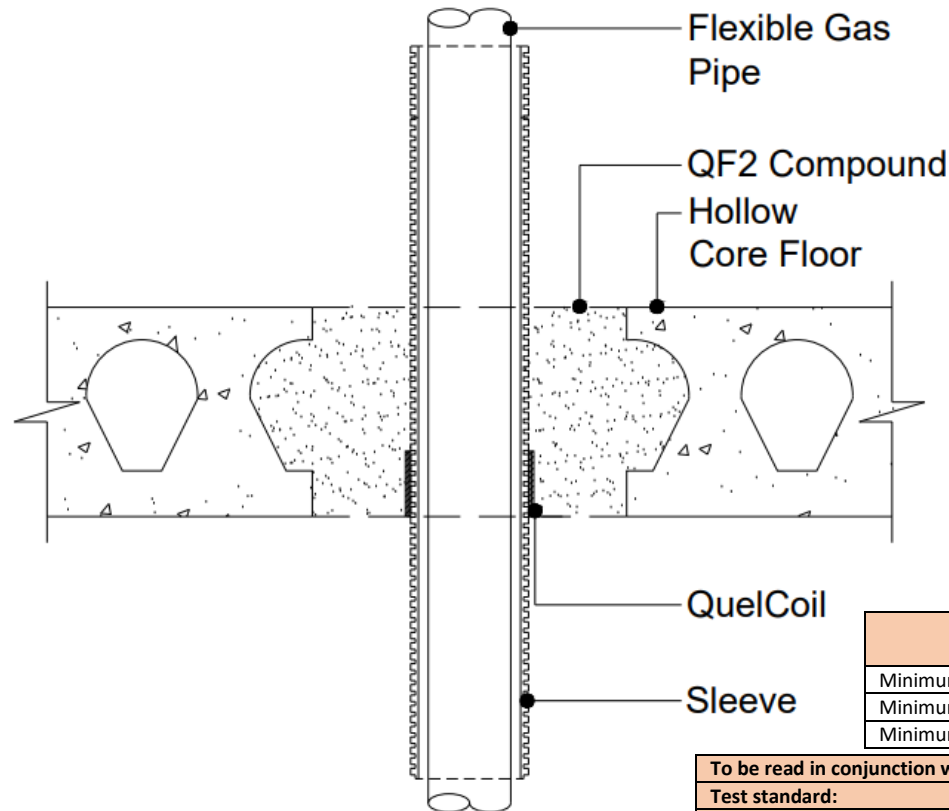


QF2-HC150-12

Sleeved Gas Pipe penetrating a hollow core floor (150mm 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 must have a minimum thickness of 150mm with a minimum density of 2450kg/m ³ .
Minimum 25mm thick cut of mineral wool insulation should be used to seal off the ends of the hollows within the aperture.
2 layers of QuelCoil Intuwrap (each 50mm wide x 2mm thick) installed around the pipe to the lower side of the QF2 Compound.
The void is then filled with QF2 Fire Protection Compound to the full depth of the floor flush with both faces of the hollow core slab.
Multiple Service Penetrations: The total amount of cross section area of the services (including insulation) should not exceed 60% of the service penetration area.



Quelfire Products Required	
Product Code	Description
QF2	QF2 Fire Protection Compound
QUELCOIL	QuelCoil Continuous Intuwrap
MW/SLAB	Mineral Wool (MW) Shuttering Slab

Detail	Page No.
QuelCoil positioned at the bottom	1
QuelCoil positioned top & bottom	2

Multiple Service Penetration Spacing	
Distances are from edge of fire stop seal	
Minimum distance from edge of opening	0mm
Minimum distance between Services within the table below	0mm
Minimum distance between other Service types	50mm

To be read in conjunction with:	UL Classification Report 4790096347 Issue 4, Page 64
Test standard:	BS EN1366-3 & EN13501-2:2016
Substrate minimum thickness:	150mm
QF2 Fire Protection Compound minimum thickness:	Full depth
First service support:	≤400mm
Maximum aperture size:	Ø240mm
Drawing Scale:	Not to Scale
Issue Number:	1
Date of Issue:	June 2023
Detail Reference:	QF2-HC150-12

Service Type	Size of Service	Pipe wall thickness	Type of Sleeve	Size of Sleeve	Sleeve Wall thickness	No. of QuelCoil layers required	Classification
TracPipe CC Pipe	≤Ø63mm	7.0mm	Gasflex PE	≤Ø90mm (C/S)	6.0mm	2 x 2mm thick layers installed around the pipe and positioned at the bottom of the QF2 compound.	E 90 C/U EI 30 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.
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QF2-HC150-12

Sleeved Gas Pipe penetrating a hollow core floor (150mm or thicker)

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Additional Instructions

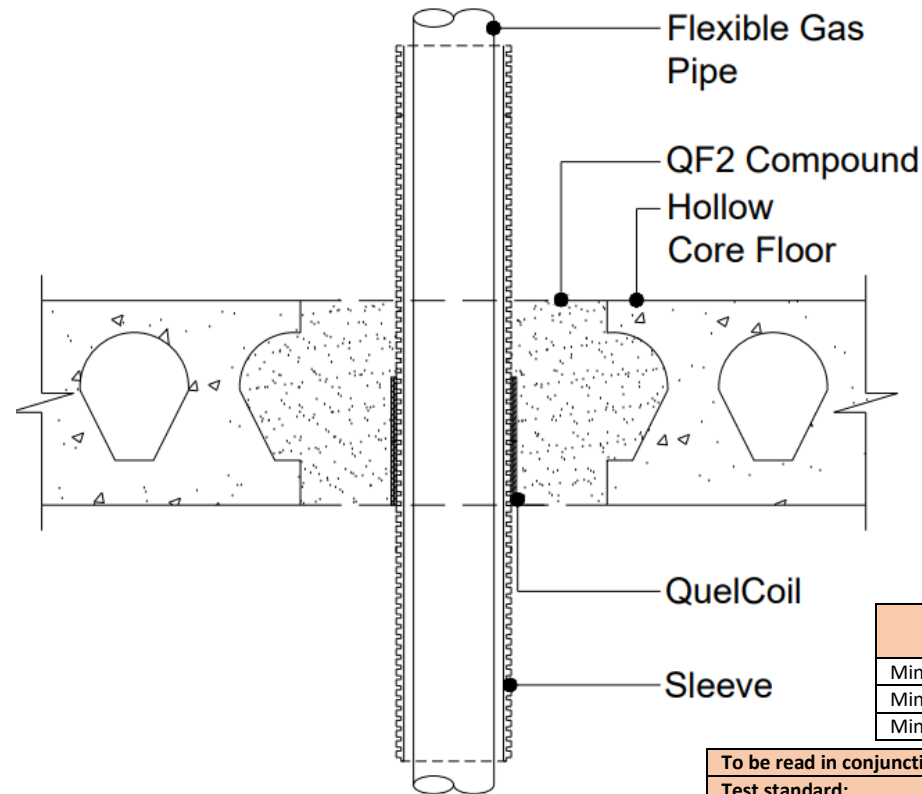
The floor must have a minimum thickness of 150mm with a minimum density of 2450kg/m³.

Minimum 25mm thick cut of mineral wool insulation should be used to seal off the ends of the hollows within the aperture.

2 layers of QuelCoil Intuwrap (each 50mm wide x 2mm thick) installed around the pipe to the lower side of the QF2 Compound and then a further set of 2 x layers above the first set.

The void is then filled with QF2 Fire Protection Compound to the full depth of the floor flush with both faces of the hollow core slab.

Multiple Service Penetrations: The total amount of cross section area of the services (including insulation) should not exceed 60% of the service penetration area.



Quelfire Products Required

Product Code	Description
QF2	QF2 Fire Protection Compound
QUELCOIL	QuelCoil Continuous Intuwrap
MW/SLAB	Mineral Wool (MW) Shuttering Slab

Detail	Page No.
QuelCoil positioned at the bottom	1
QuelCoil positioned top & bottom	2

Multiple Service Penetration Spacing

Distances are from edge of fire stop seal

Minimum distance from edge of opening	0mm
Minimum distance between Services within the table below	0mm
Minimum distance between other Service types	50mm

To be read in conjunction with:	UL Classification Report 4790096347 Issue 4, Page 65
Test standard:	BS EN1366-3 & EN13501-2:2016
Substrate minimum thickness:	150mm
QF2 Fire Protection Compound minimum thickness:	Full depth
First service support:	≤400mm
Maximum aperture size:	Ø240mm
Drawing Scale:	Not to Scale
Issue Number:	1
Date of Issue:	June 2023
Detail Reference:	QF2-HC150-12

Service Type	Size of Service	Pipe wall thickness	Type of Sleeve	Size of Sleeve	Sleeve Wall thickness	No. QuelCoil layers required	Classification
TracPipe CC Pipe	≤Ø63mm	7.0mm	Gasflex PE	≤Ø90mm (C/S)	6.0mm	1 set of 2 x 2mm thick layers required bottom of the compound and then a further set of 2 x 2mm layers above the first set.	EI 120 C/U
Gasflex GFS Plus	≤Ø64mm	6.6mm	PE	≤Ø78mm (C/S)	6.6mm		EI 120 C/U
Gastite Pipe	≤Ø63mm	7.0mm	PE	≤Ø84mm (C/S)	5.0mm		EI 120 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:

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