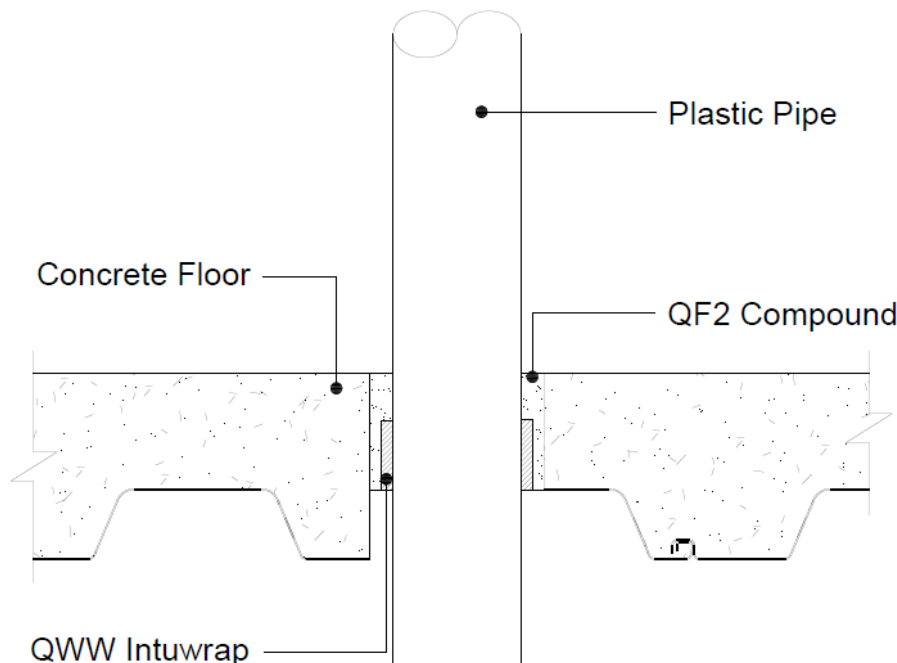


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Additional Instructions
WF Assessment 409933 covers a minimum 75mm thickness of the profiled deck structure.
Refer to QWW Intuwrap Product Data Sheet to determine the correct hole diameter to drill.
Install the correct size QWW Intuwrap around the plastic pipe to the lower side of the seal, ensuring all sides of the wrap are within the concrete structure.
Use a temporary shutter and backfill around the QWW Intuwrap ensuring any gaps are fully filled and a minimum 15mm thickness of QF2 Fire Protection Compound above the QWW Intuwrap.



Quelfire Products Required	
Product Code	Description
QF2	QF2 Fire Compound
QWW32/CE	32mm pipes
QWW40/CE	40mm pipes
QWW50/CE	50mm pipes
QWW55/CE	55mm pipes
QWW63/CE	63mm pipes
QWW75/CE	75mm pipes
QWW82/CE	82mm pipes
QWW90/CE	90mm pipes
QWW110/CE	110mm pipes

Plastic Pipe Type	Page No.
U-PVC	1
HDPE	2
PP	3

Service Type	Size of Service	Pipe Wall Thickness	QWW Wrap	Fire Rating
U-PVC	Ø32mm	See Graph on ETA 20/1205, Pages 11 - 12	QWW32/CE	120 minutes Integrity 90 minutes Insulation
	Ø40mm		QWW40/CE	
	Ø50mm	2.4 - 3.7mm	QWW50/CE	
	Ø55mm	See Graph on ETA 20/1205, Pages 11 - 12	QWW55/CE	
	Ø63mm		QWW63/CE	
	Ø75mm		QWW75/CE	
	Ø82mm		QWW82/CE	
	Ø90mm	4.2 - 6.6mm	QWW90/CE	
Ø110mm	QWW110/CE			

To be read in conjunction with:	WF Assessment 409933
Test standard:	Assessed to BS 476: Part 20: 1987
Substrate minimum thickness:	75mm (thinnest part of the structure)
First service support:	≤250mm
Maximum Aperture:	250mm x 250mm
Drawing Scale:	Not to Scale
Issue Number:	3
Date of Issue:	January 2023
Detail Reference:	QF2-PD75-08

**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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# QF2-PD75-08

## Plastic Pipe penetrating a Profiled Deck



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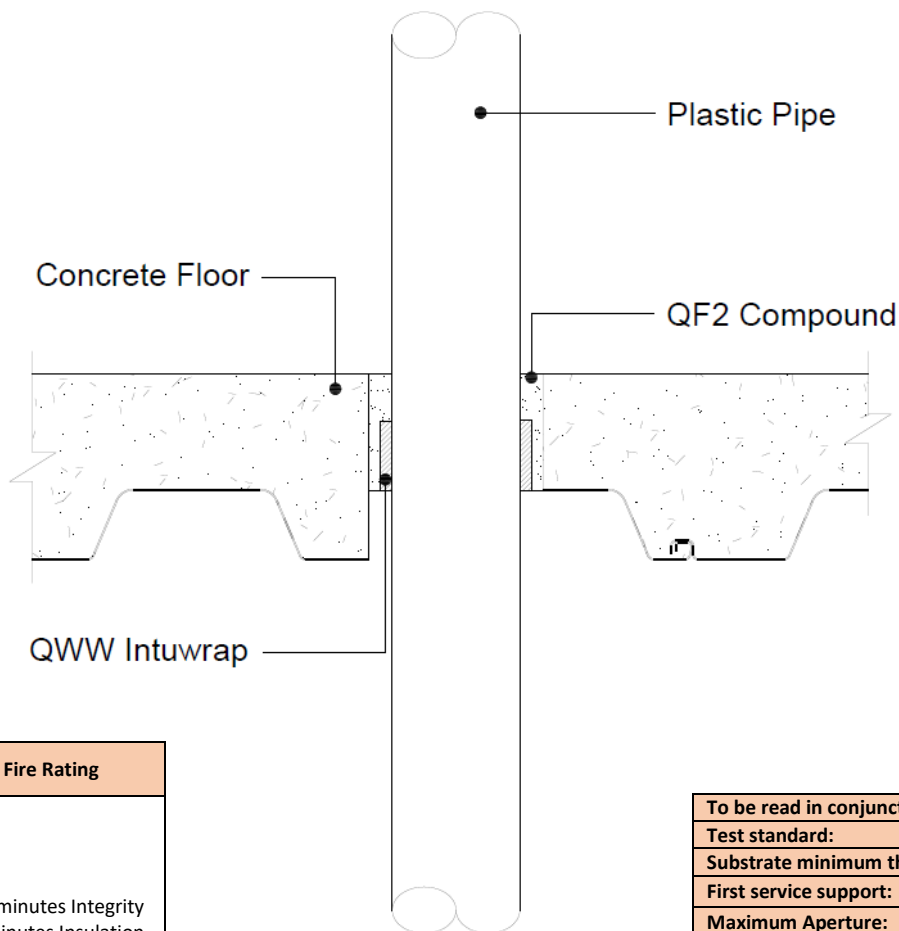
**Additional Instructions**

WF Assessment 409933 covers a minimum 75mm thickness of the profiled deck structure.

Refer to QWW Intuwrap Product Data Sheet to determine the correct hole diameter to drill.

Install the correct size QWW Intuwrap around the plastic pipe to the lower side of the seal, ensuring all sides of the wrap are within the concrete structure.

Use a temporary shutter and backfill around the QWW Intuwrap ensuring any gaps are fully filled and a minimum 15mm thickness of QF2 Fire Protection Compound above the QWW Intuwrap.



Quelfire Products Required	
Product Code	Description
QF2	QF2 Fire Compound
QWW32/CE	32mm pipes
QWW40/CE	40mm pipes
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QWW55/CE	55mm pipes
QWW63/CE	63mm pipes
QWW75/CE	75mm pipes
QWW82/CE	82mm pipes
QWW90/CE	90mm pipes
QWW110/CE	110mm pipes

Plastic Pipe Type	Page No.
U-PVC	1
<b>HDPE</b>	<b>2</b>
PP	3

Service Type	Size of Service	Pipe Wall Thickness	QWW Wrap	Fire Rating
HDPE	Ø32mm	See Graph on ETA 20/1205, Pages 12 - 13	QWW32/CE	120 minutes Integrity 90 minutes Insulation
	Ø40mm		QWW40/CE	
	Ø50mm	3.0 – 4.6mm	QWW50/CE	
	Ø55mm	See Graph on ETA 20/1205, Pages 12 - 13	QWW55/CE	
	Ø63mm		QWW63/CE	
	Ø75mm		QWW75/CE	
	Ø82mm		QWW82/CE	
	Ø90mm	3.4 - 6.6mm	QWW90/CE	
Ø110mm	QWW110/CE			

<b>To be read in conjunction with:</b>	WF Assessment 409933
<b>Test standard:</b>	Assessed to BS 476: Part 20: 1987
<b>Substrate minimum thickness:</b>	75mm (thinnest part of the structure)
<b>First service support:</b>	≤250mm
<b>Maximum Aperture:</b>	250mm x 250mm
<b>Drawing Scale:</b>	Not to Scale
<b>Issue Number:</b>	3
<b>Date of Issue:</b>	January 2023
<b>Detail Reference:</b>	QF2-PD75-08

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**Scope and Liability:**

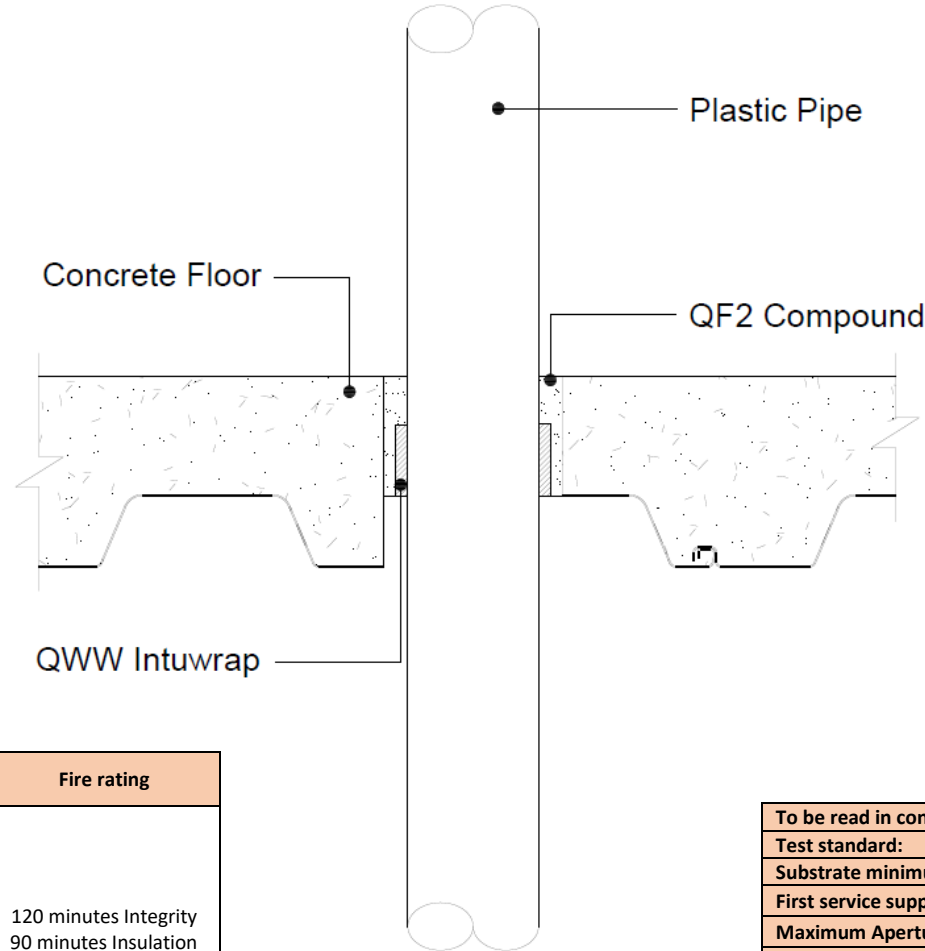
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- We do not accept a duty of care to you or any other person in respect of the enquiry, nor do we accept any liability to you or any other person for any loss arising out of or in connection with the enquiry or any reply provided by us. Different limitations 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.
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# QF2-PD75-08

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Service Type	Size of Service	Pipe Wall Thickness	QWW Wrap	Fire rating	
PP	Ø32mm	See Graph on ETA 20/1205, Pages 13 - 14	QWW32/CE	120 minutes Integrity 90 minutes Insulation	
	Ø40mm		QWW40/CE		
	Ø50mm		QWW50/CE		
	Ø55mm	2.0 – 4.6mm	QWW55/CE		
	Ø63mm		QWW63/CE		
	Ø75mm		See Graph on ETA 20/1205, Pages 13 - 14		QWW75/CE
	Ø82mm				QWW82/CE
	Ø90mm				QWW90/CE
	Ø110mm	2.7 – 10.0mm	QWW110/CE		

To be read in conjunction with:	WF Assessment 409933
Test standard:	Assessed to BS 476: Part 20: 1987
Substrate minimum thickness:	75mm (thinnest part of the structure)
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