CERTIFICATE OF APPROVAL No CF 5367

This is to certify that, in accordance with TS00 General Requirements for Certification of Fire Protection Products The undermentioned products of

FSI LIMITED

Westminster Industrial Estate, Tamworth Road, Measham, DE12 7DS Tel: 01530 515130

Have been assessed against the requirements of the Technical Schedule(s) denoted below and are approved for use subject to the conditions appended hereto:

CERTIFIED PRODUCT PipeBloc PCP TECHNICAL SCHEDULE TS03 Penetration Sealing Systems

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

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Paul Duggan Certification Manager



Issued: 9th September 2015 Reissued: 11th January 2021 Valid to: 28th February 2021

Page 1 of 8



This certificate is the property of Warringtonfire Testing and Certification Limited Registered in England and Wales Registered Office: 10 Lower Grosvenor Place, London, United Kingdom, SW1W 0EN. Company Registration No: 11371436

CERTIFICATE No CF 5367 FSI LIMITED

- 1. This approval relates to the use of PipeBloc PCP for the fire protection where services are penetrating walls. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness and acceptable services for PipeBloc PCP required to provide fire resistance periods in accordance with BS EN 1366-3: 2009 of up to 240 minutes for differing services and substrate constructions. The scope of certification complies with the guidelines stated in the ASFP Red Book: 3rd Edition for 3rd party certification schemes.
- 2. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
- 3. The product is approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency specified in TS03
 - iii) A design appraisal against TS03
 - iv) Inspection and surveillance of factory production control
- 4. The walls shall be at least 100 mm thick and have at least the same fire rating as that required for the penetration seal. The floors shall be at least 150 mm thick and have at least the same fire rating as that required for the penetration seal
- 5. The services which may be fitted through the seals are PVC, ABS, PP and HDPE pipes of various sizes, as detailed within the Approval Matrix included in this Certificate.
- 6. The approval relates to ongoing production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

Further Information

Further information regarding the details contained in this data sheet may be obtained from FSi Limited (Tel: 01530 515130).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel:01925 646777).

Page 2 of 8 Signed E/055



CERTIFICATE No CF 5367 FSI LIMITED

PipeBloc PCP- Approval Matrix Floors 150mm

Product Name: PipeBloc PCP Installed Underside 150mm								k Rigid Floor	
Penetration Specification (PVC-U Pipes)			ollar Ref eBloc PCP	Mat	escent erial m)	Integrity		Insulation	
32mm ø 1.8mm wa		32mm							
40mm ø 1.8mm wall thickness			40mm	30	x 4				
50mm ø 1.8mm wa	all thickness		50mm					240 mins	
55mm ø 2.3 - 3mm v	wall thickness		55mm	20	v C				
63mm ø 2.3 - 3mm v	vall thickness		63mm	30	x 6				
75mm ø 3.1 – 4.8mm	wall thickness		75mm	20					
82mm ø 3.1 – 4.8mm	wall thickness		82mm	30	x 8	240	mins		
90mm ø 4.2 – 7.4mm	wall thickness		90mm						
100mm ø 4.2 – 7.4mn	n wall thickness		100mm	30 x	k 10				
110mm ø 4.2 – 7.4mn	n wall thickness		110mm						
125mm ø 6mm wall thickness			125mm	40 x	k 12				
140mm ø 6.1 – 7.5mm wall thickness			140mm	40 x	k 16				
160mm ø 6.2 – 9.5mm wall thickness			160mm	40 x	k 18				
* Performance in accorda	ince with BS EN 136	66-3:	2009						
Maximum Annulus:	10mm wide filled w	with n	nin 5mm dee	p FSi P	yrocoustic	;			
Floors		The floors shall be a minimum of 150 mm thick. All concrete floors shall have at least the same fire rating as that required of the pipe collar.							
Application Technique:	Concrete/masonry floors: The PCP PipeBlock is folded around the pipe to the underside of the floor a mechanically face fixed utilising 3No. Fischer FSA ø8mm x 60mm long, with M6 hexagon head bolts								
Service Coat-Back :	Not required U Value:						Not kn		
Service Support Requirements:	Services should be further than 400 m						gars or c	hannels, not	
Resistance to Smoke:	Not evaluated by t approval	y this Weather Capability: Not evaluated approval					ed by this		
Acoustic Rating:	Not evaluated by t approval	this	his Movement Capability:				Not evaluated by this approval		

Page 3 of 8 Signed E/055

Pol Regg-

CERTIFICATE No CF 5367 FSI LIMITED

PipeBloc PCP- Approval Matrix Floors 150mm

Product Name:	Deduct Name: PipeBloc PCP Installed Underside 150mm thick Rig								
Penetration Specification (PP Pipes)		-	ollar Ref eBloc PCP	Mat	escent erial m)	Integrity		Insulation	
32mm ø 2.9mm wa	all thickness		32mm						
40mm ø 2.9mm wa	all thickness		40mm	30	x 4			240 mins	
50mm ø 2.9mm wa	all thickness		50mm						
55mm ø 2.9 – 4.4mm	wall thickness		55mm	20	x 6				
63mm ø 2.9 – 4.4mm	wall thickness		63mm	30	хo				
75mm ø 2.8 – 6.7mm	wall thickness		75mm	20	v 0				
82mm ø 2.8 – 6.7mm	wall thickness		82mm	30	x 8	240 ı	mins		
90mm ø 2.7 – 10mm	wall thickness		90mm						
100mm ø 2.7 - 10mm	wall thickness		100mm	30 :	x 10				
110mm ø 2.7 – 10mm	wall thickness		110mm						
125mm ø 3.1mm w	all thickness		125mm	40 :	x 12				
140mm ø 3.5 - 8mm	wall thickness		140mm	40 :	x 16				
160mm ø 4 – 14.6mm wall thickness			160mm	40 :	x 18				
* Performance in accorda									
Maximum Annulus:	10mm wide filled v)			
Floors		The floors shall be a minimum of 150 mm thick. All concrete floors shall have at least the same fire rating as that required of the pipe collar							
Application Technique:	Concrete/masonry floors : The PCP PipeBlock is folded around the pipe to the underside of the floor an mechanically face fixed utilising 3No. Fischer FSA ø8mm x 60mm long, with M6 hexagon head bolts								
Service Coat-Back :	Not required		Not kn	-					
Service Support Requirements:		Services should be rigidly supported via steel angles, hangars or channels, no further than 400 mm from the upper surface of the seal							
Resistance to Smoke:	Not evaluated by t approval	y this Weather Capability: Not evaluate approval					-		
Acoustic Rating:	Not evaluated by t approval	his	^{is} Movement Capability:				Not evaluated by this approval		

Page 4 of 8 Signed E/055

Pol Regg-

CERTIFICATE No CF 5367 FSI LIMITED

PipeBloc PCP- Approval Matrix Floors 150mm

Product Name: PipeBloc PCP Installed Underside 150mm thick F								k Rigid Floor	
Penetration Specification (PE Pipes)			ollar Ref Bloc PCP	Mat	escent erial m)	Integrity		Insulation	
32mm ø 2.9mm wa	3	32mm							
40mm ø 2.9mm wall thickness			40mm	30	x 4				
50mm ø 2.9mm wa	all thickness	Ę	50mm					240 mins	
55mm ø 2.9 – 4.4mm	wall thickness	45	55mm	20	x 6				
63mm ø 2.9 – 4.4mm	wall thickness	6	63mm	30	XO				
75mm ø 2.8 – 6.7mm	wall thickness	7	75mm	20	x 8				
82mm ø 2.8 – 6.7mm	wall thickness	8	32mm	30	xo	240 n	nins		
90mm ø 2.7 – 10mm	wall thickness	ç	90mm						
100mm ø 2.7 - 10mm	wall thickness	1	00mm	30 :	x 10				
110mm ø 2.7 – 10mm	wall thickness	1	10mm						
125mm ø 3.1mm w	all thickness	1	25mm	40 :	x 12				
140mm ø 3.9 – 5.8mm	wall thickness	1	40mm	40 :	x 16				
160mm ø 4.9 – 9.5mm wall thickness			60mm	40 :	x 18				
* Performance in accorda									
Maximum Annulus:	10mm wide filled v					;			
Floors		The floors shall be a minimum of 150 mm thick. All concrete floors shall have at least the same fire rating as that required of the pipe collar							
Application Technique:	Concrete/masonry floors : The PCP PipeBlock is folded around the pipe to the underside of the floor an mechanically face fixed utilising 3No. Fischer FSA ø8mm x 60mm long, with M6 hexagon head bolts								
Service Coat-Back :	Not required U Value:							own	
Service Support Requirements:		Services should be rigidly supported via steel angles, hangars or channels, no further than 400 mm from the upper surface of the seal							
Resistance to Smoke:	Not evaluated by t approval	y this Weather Capability: Not evaluate approval						-	
Acoustic Rating:	Not evaluated by t approval	his	nis Movement Capability:				Not evaluated by this approval		

Page 5 of 8 Signed E/055

Pol Regg-

CERTIFICATE No CF 5367 FSI LIMITED

PipeBloc PCP- Approval Matrix Rigid or Flexible Walls min100mm

Product Name:		PipeBloc PCP - Installed Both faces 100mm thick Rigid or Flexible Wall					
Penetration Specification (PVC-U Pipes)		Collar Ref PipeBloc PCP	Intumescent Material (mm)	Integrity	Insulation		
32mm ø 1.8mm wa	32mm						
40mm ø 1.8mm wa		40mm	30 x 4		120 mins		
50mm ø 1.8mm wa	all thickness	50mm					
55mm ø 2.3 - 3mm v	vall thickness	55mm	- 30 x 6				
63mm ø 2.3 - 3mm v	vall thickness	63mm	30 X 0				
75mm ø 3.1 – 4.8mm	wall thickness	75mm	20 × 9				
82mm ø 3.1 – 4.8mm	wall thickness	82mm	- 30 x 8	120 mins			
90mm ø 4.2 – 7.4mm	wall thickness	90mm					
100mm ø 4.2 – 7.4mm	n wall thickness	100mm	30 x 10				
110mm ø 4.2 – 7.4mm	wall thickness	110mm					
125mm ø 6mm wall thickness		125mm	40 x 12				
140mm ø 6.1 – 7.5mm	140mm	40 x 16					
160mm ø 6.2 – 9.5mm	n wall thickness	160mm	40 x 18				
* Performance in accorda					•		
Maximum Annulus:	10mm wide filled v			ic			
Walls	The walls shall be a All walls shall have			required of the	pipe collar.		
Application Technique:	Concrete/masonry floors : The PCP PipeBlock is folded around the pipe both sides of the wall and mechanically face fixed utilising ø8mm x 65mm long Fischer FM 6x65S, si toggle anchor.						
Service Coat-Back :	Not required		U Valu		-		
Service Support	Services should be rigidly supported via steel angles, hangars or channels						
Requirements:	further than 400 mm both faces of the wall						
Resistance to Smoke:	Not evaluated by t approval	weather C	apability:	approval	Not evaluated by this approval		
Acoustic Rating:	Not evaluated by t approval	his Movement	Capability:	Not evaluat approval	ed by this		

Page 6 of 8 Signed E/055

Pol Regg-

CERTIFICATE No CF 5367 FSI LIMITED

PipeBloc PCP- Approval Matrix Rigid or Flexible Walls min100mm

Product Name:		Bloc PCP -	Installed Both faces 100mm thick Rigid or					
Penetration Specification (PP Pipes)		-	ollar Ref eBloc PCP	Mat	escent erial m)	Integrity	Insulation	
32mm ø 2.9mm wall thickness			32mm					
40mm ø 2.9mm wa	all thickness		40mm	40mm 30 x				
50mm ø 2.9mm wa	all thickness		50mm					
55mm ø 2.9 – 4.4mm	wall thickness		55mm	20	x 6			
63mm ø 2.9 – 4.4mm	wall thickness		63mm	30	X 0			
75mm ø 2.8 – 6.7mm	wall thickness		75mm	20	v 0			
82mm ø 2.8 – 6.7mm	wall thickness		82mm	30	x 8	120 mins	120 mins	
90mm ø 2.7 – 10mm	wall thickness		90mm					
100mm ø 2.7 - 10mm	wall thickness		100mm	30 x 10				
110mm ø 2.7 – 10mm	wall thickness		110mm					
125mm ø 3.1mm wall thickness			125mm	40 x 12				
140mm ø 3.5 - 8mm wall thickness			140mm	40 x	x 16			
160mm ø 4 – 14.6mm	wall thickness		160mm	40 x	k 18			
* Performance in accorda	nce with BS EN 136	6-3:	2009					
Maximum Annulus:	10mm wide filled v					С		
Walls	The walls shall be a All walls shall have					required of the	pipe collar.	
Application Technique:	Concrete/masonry floors : The PCP PipeBlock is folded around the pipe both sides of the wall and mechanically face fixed utilising ø8mm x 65mm long Fischer FM 6x65S, ste toggle anchor.							
Service Coat-Back :	Not required				U Valu			
Service Support	Services should be				el angles	s, hangars or o	channels, not	
Requirements:	further than 400 mm both faces of the wall							
Resistance to Smoke:	Not evaluated by t approval		Weather Ca	apability	y:	Not evaluated by this approval		
Acoustic Rating:	Not evaluated by t approval	his	Movement Capability:			Not evaluated by this approval		

Page 7 of 8 Signed E/055

Pol Regg-

CERTIFICATE No CF 5367 FSI LIMITED

PipeBloc PCP- Approval Matrix Rigid or Flexible Walls min100mm

Product Name:		loc PCP - le Wall	Installed Both faces 100mm thick Rigid or						
Penetration Specification (PE Pipes)			lar Ref loc PCP	Mat	escent erial m)	Integ	rity	Insulation	
32mm ø 2.9mm wall thickness			2mm						
40mm ø 2.9mm wa	all thickness	4(Dmm	30	x 4				
50mm ø 2.9mm wa	all thickness	50	Dmm						
55mm ø 2.9 – 4.4mm	wall thickness	55	ōmm	20	x 6				
63mm ø 2.9 – 4.4mm	wall thickness	63	3mm	30	XO			120 mins	
75mm ø 2.8 – 6.7mm	wall thickness	75	ōmm	20	v 0				
82mm ø 2.8 – 6.7mm	wall thickness	82	2mm	30	x 8	120 n	nins		
90mm ø 2.7 – 10mm	wall thickness	90)mm						
100mm ø 2.7 - 10mm	wall thickness	10	0mm	30 x 10					
110mm ø 2.7 – 10mm	110mm ø 2.7 – 10mm wall thickness		0mm						
125mm ø 3.1mm wall thickness 140mm ø 3.9 – 5.8mm wall thickness		12	5mm	40 x	40 x 12				
		14	0mm	40 x	x 16				
160mm ø 4.9 – 9.5mm	wall thickness	16	0mm	40 x	x 18				
* Performance in accorda	nce with BS EN 136								
Maximum Annulus:	10mm wide filled v					С			
Walls	The walls shall be a All walls shall have					required	l of the	pipe collar.	
Application Technique:	Concrete/masonry floors : The PCP PipeBlock is folded around the pipe both sides of the wall and mechanically face fixed utilising ø8mm x 65mm long Fischer FM 6x65S, sto toggle anchor.							ll and x65S, steel	
Service Coat-Back :	Not required			U Value		Not kn			
Service Support	Services should be rigidly supported via steel angles, hangars or channels,							channels, not	
Requirements:	further than 400 mm both faces of the wall								
Resistance to Smoke:	Not evaluated by t approval	V	leather Ca	apability	y :	appro	Not evaluated by this approval		
Acoustic Rating:	Not evaluated by t approval	his N	Movement Capability:			Not e appro	ed by this		

Page 8 of 8 Signed E/055

Pol Regg-