CERTIFICATE OF APPROVAL No CF 635

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

PYROPLEX LIMITED

The Furlong, Droitwich, Worcestershire WR9 9BG, United Kingdom Tel: 01905 795 432 Fax: 01905 791 878 www.pyroplex.com

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

TECHNICAL SCHEDULE

200 & 400 Series Pyroplex Pipe Collars & Pipe Wraps TS03 Penetration Sealing Systems

Signed and sealed for and on behalf of CERTIFIRE

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

Paul Duggan Certification Manager

Issued: Reissued: Valid to: 24th September 2008 17th April 2024 17th July 2024





CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 200 & 400 SERIES PIPE COLLARS & WRAPS

- 1. This approval relates to the use of Pyroplex 200 & 400 Series pipe closure devices for fire protection where there are services penetrating walls and floors. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the acceptable devices/configurations to provide fire resistance periods in accordance with BS EN 1366-3 of up to 240 minutes for differing services and elements of construction.
- 2. This certification is provided to the client for its 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. This certification will set out our conclusion as to whether the information provided is sufficient to demonstrate compliance with the relevant standard. We cannot, and will not, opine upon whether Building Control will regard the certification as sufficient for any purpose. In accepting our quote you agree to us providing you with the certification without any guarantee as to whether it will be accepted by Building Control or any other authority as evidence of compliance with the Building Regulations or other relevant standards.
- 4. 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
 - v) Production surveillance under ISO 9001:2008
- 5. The masonry or concrete walls shall be at least 150 mm thick and have at least the same fire rating as that required for the penetration seal.
- 6. The services which may be fitted through the seals are PVC pipes, as detailed within the Approval Matrix included in this Certificate.
- 7. 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.

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Issued: 24th Sept Reissued: 17th April Valid to: 17th July

24th September 2008 17th April 2024 17th July 2024

CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 200 SERIES COLLARS

Approval Matrix - Up To 120 Minute Walls & Floors

Product Name:	Pyroplex 200 Series Pi	pe Collars – PPC55 2	– PPC16	0-2				
PVC Pipe Size	Pyroplex Product References	Wall/ Floor Thickness	Inte	grity	Insulation			
55 mm Ø by 3.2 mm wall thickness	PPC55-2							
82 mm Ø by 3.2 mm wall thickness	PPC82-2	150	100 -		100 minutes			
110 mm Ø by 3.2 mm wall thickness	PPC110-2	150 mm	120 r	ninutes	120 minutes			
160 mm Ø by 3.2 mm wall thickness	PPC160-2							
Walls & Floors	The walls and floors shall be a minimum of 150 mm thick. The minimum density for the concrete or brick of the wall is 780kg/m ³ and for walls & floors made of concrete blocks/concrete is 600kg/m ³ . All concrete or masonry shall have at least the same fire rating as that required for the pipe collar							
Application Technique:	Concrete/masonry walls & floors : The collar wrapped around the pipe, clipped closed and screw fixed to the soffit of the floor or to both faces of wall constructions.							
Service Coat-Back :	Not required	: No	ot known					
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, not further than 320 mm and 500 mm from the surface of the sealing system on both faces.							
Resistance to Smoke:	Not evaluated by this approval	Weather Capability	<i>/</i> :	approv				
Acoustic Rating:	Not evaluated by this approval	Movement Capabi	Not evaluated by this approval					

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Issued: Reissued: 17th April 2024 Valid to:

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CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 200 SERIES PIPE WRAPS

Approval Matrix - Up To 120 Minute Walls & Floors

Product Name:	Pyroplex 200 Series Pipe Wraps – PPW55-2 – PPW160-2							
PVC Pipe Size	Pyroplex Product References	-	erture Size	Wall/ Floo Thickness	Inte	egrity	Insulation	
55 mm Ø by 3.2 mm wall thickness	PPW55-2	67 r	mm Ø					
82 mm Ø by 3.2 mm wall thickness	PPW82-2	94 r	mm Ø	150	100	400	100 minutes	
110 mm Ø by 3.2 mm wall thickness	PPW110-2	125	mm Ø	150 mm	120 r	ninutes	120 minutes	
160 mm Ø by 3.2 mm wall thickness	PPW160-2	190	mm Ø					
Walls & Floors	The walls and floors shall be a minimum of 150 mm thick. The minimum density for the concrete or brick of the wall is 780kg/m ³ and for walls & floors made of concrete blocks/concrete is 600kg/m ³ . All concrete or masonry shall have at least the same fire rating as that required for the pipe wrap.							
Application Technique:	Concrete/masonry walls & floors : The wrap shall be inserted into the oversize aperture around the pipe, approximately 5 mm from the exposed surface of the wall/soffit of the floor. The remaining unfilled aperture is then infilled with a sand/cement mortar mix.							
Service Coat-Back :	Not required				U Value	: No	ot known	
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, not further than 320 mm and 500 mm from the surface of the sealing system on both faces.							
Resistance to Smoke:	Not evaluated by th approval	this Weather Capability: Not evaluated by the approval						
Acoustic Rating:	Not evaluated by th approval	nis	s Movement Capability: Not evaluated by approval				•	

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Issued: Reissued: 17th April 2024 Valid to:

CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 400 SERIES COLLARS

Approval Matrix - Up To 180 Minute Walls & Floors

Product Name:	Pyroplex 40	0 Series	Pipe Collars	s – PPC	25-4 –	PPC250-4	
PVC Pipe Size		Pyroplex P Referen		Wall/ Floor Thickness	Int	egrity	Insulation
25 mm Ø by 1.8 mm wall thi	25 mm Ø by 1.8 mm wall thickness		-4				
32 mm Ø by 1.8 mm wall thi	32 mm Ø by 1.8 mm wall thickness		-4				
40 mm Ø by 1.8 mm wall thi	ckness	PPC40	-4				
48 mm Ø by 3.2 mm wall thi	ckness	PPC48	-4				
55 mm Ø by 3.2 mm wall thi	ckness	PPC55	-4				s 180 minutes
68 mm Ø by 3.2 mm wall thi	ckness	PPC55	-4				
82 mm Ø by 3.2 mm wall thi	ckness	PPC82	-4	150 mm	190	180 minutes	
110 mm Ø by 3.2 mm wall th	ickness	PPC110)-4	150 1111	100		
125 mm Ø by 3.2 mm wall th	ickness	PPC12	5-4				
135 mm Ø by 3.2 mm wall th	ickness	PPC13	5-4				
160 mm Ø by 3.2 mm wall th	160 mm Ø by 3.2 mm wall thickness)-4				
200 mm Ø by 5.4 mm wall thickness		PPC200)-4				
225 mm Ø by 7.2 mm wall thickness		PPC22	5-4				
250 mm Ø by 7.2 mm wall th	ickness	PPC250)-4				
Walls & Floors	The walls and floors shall be a minimum of 150 mm thick. The minimum density for the concrete or brick of the wall is 780kg/m ³ and for walls & floors made of concrete blocks/concrete is 600kg/m ³ . All concrete or masonry shall have at least the same fire rating as that required for the pipe collar						
Application Technique:	Concrete/masonry walls & floors : The collar is wrapped around the pipe, clipped closed and screw fixed to the soffit of the floor or to both faces of wall constructions.						
Service Coat-Back :	Not required U V					:	Not known
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, not further than 320 mm and 500 mm from the surface of the sealing system on both faces.						
Resistance to Smoke:	this app	valuated by pproval Weather Capability: Not evalua approval					
Acoustic Rating:	Not eva this app	Iluated by proval Movement Capabil			ty: Not evaluated b approval		evaluated by this oval

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Issued: Reissued: 17th April 2024 Valid to:

CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 400 SERIES COLLARS

Approval Matrix - Up To 240 Minute Walls

Product Name:	Pyroplex 40	0 Series	Pipe Colla	rs – PPC	200-4 –	PPC400-4		
PVC Pipe Size		Pyroplex P Referen		Wall Thicknes	s Int	egrity	Insulation	
200 mm Ø by 5.4 mm wall th	200 mm Ø by 5.4 mm wall thickness)-4					
225 mm Ø by 7.2 mm wall th	ickness	PPC225	5-4		240	minutes	240 minutes	
250 mm Ø by 7.2 mm wall th	ickness	PPC250)-4	150 mm				
315 mm Ø by 8.2 mm wall th	ickness	PPC315	5-4	150 1111	180	minutes	180 minutes	
350 mm Ø by 9.8 mm wall th	ickness	PPC350)-4		120	minutes	120 minutos	
400 mm Ø by 9.8 mm wall th	ickness	PPC400)-4		1201	minutes	s 120 minutes	
HDPE Pipe Size		Pyroplex P Referen		Wall/ Floc Thicknes	Int	egrity	Insulation	
350 mm Ø by 23.7 mm v thickness	350 mm Ø by 23.7 mm wall thickness)-4	150 mm	450		60 minutes	
400 mm Ø by 23.7 mm v thickness	vall	PPC400)-4	150 1111	001	ninutes	60 minutes	
Walls	The walls shall be a minimum of 150 mm thick. The minimum density for the concrete or brick of the wall is 780kg/m ³ ar for walls made of concrete blocks/concrete is 600kg/m ³ . All concrete or masonry shall have at least the same fire rating as that required for the seal.						-	
Application Technique:	Concrete/masonry walls : The collar is wrapped around the pipe, clipped closed and screw fixed to both faces of wall constructions.							
Service Coat-Back :	Not required U					Value: Not known		
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, not further than 320 mm and 500 mm from the surface of the sealing system on both faces.						ars or Irface of the	
Resistance to Smoke:	this app		Weather Capability: Not evaluated by t approval			val		
Acoustic Rating:	Not eva this app	luated by roval	Movement Capability: Not evaluated b approval			•		

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PYROPLEX 400 SERIES COLLARS

Approval Matrix - Up To 180 Minute Floors

Product Name:	Pyroplex 40	0 Series	Pipe Colla	s – PPC	315-4 –	PPC400-4	
PVC Pipe Size	Pyroplex P Referen		Floor Thicknes	s Int	egrity	Insulation	
315 mm Ø by 8.2 mm wall th	PPC315	5-4		120	minutes	120 minutes	
350 mm Ø by 9.8 mm wall th	ickness	PPC350)-4*	150 mm	190	minutes	180 minutes
400 mm Ø by 9.8 mm wall th	ickness	PPC350)-4*		100	minutes	100 minutes
HDPE Pipe Size		Pyroplex P Referen		Wall/ Floo Thicknes	- Int	egrity	Insulation
350 mm Ø by 23.7 mm v thickness	PPC350)-4	150 mm	60 m	ninutes	60 minutes	
400 mm Ø by 23.7 mm v thickness	400 mm Ø by 23.7 mm wall thickness)-4	150 mm	001	linutes	00 minutes
	* Colla	ar fitted to bo	th sides	of the floor			
Floors	 The floors shall be a minimum of 150 mm thick. The minimum density for the floors made of concrete blocks/concrete is 600kg/m³. All concrete or masonry shall have at least the same fire rating as that required for the pipe collar 						
Application Technique:	Concrete/masonry floors : The collar is wrapped around the pipe, clipped closed and screw fixed to the soffit of the floor unless specified otherwise above.						
Service Coat-Back :	Not required U Value: Not kn					ot known	
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, not further than 320 mm and 500 mm from the surface of the sealing system on both faces.						
Resistance to Smoke:	Not eva this app	aluated by Weather Canability:			er Capability: Not eva		
Acoustic Rating:	Not eva this app	luated by proval	Movement Capability: Not evaluate approval			aluated by this /al	

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Issued: Reissued: 17th April 2024 Valid to:

CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 400 SERIES PIPE WRAPS

Approval Matrix - Up To 180 Minute Walls

Product Name:		Pyroplex 400 Series Pipe Wraps – PPW55 – PPW160-4						
PVC Pipe Size		Pyroplex Product References	Aperture Size	Wall Thicknes	s Int	egrity	Insulation	
55 mm Ø by 3.2 mm wa thickness	all	PPW55-4	67 mm Ø		190	minutes	180 minutes	
82 mm Ø by 3.2 mm wa thickness	all	PPW82-4	94 mm Ø		100	minutes	100 minutes	
110 mm Ø by 3.2 mm w thickness	all	PPW110-4	125 mm Ø	150 mm				
125 mm Ø by 3.2 mm w thickness	all	PPW125-4	155 mm Ø		120	minutes	120 minutes	
160 mm Ø by 3.2 mm w thickness	all	PPW160-4	190 mm Ø					
Walls & Floors	The walls shall be a minimum of 150 mm thick. The minimum density for the concrete or brick of the wall is 780kg/m ³ and for walls made of concrete blocks/concrete is 600kg/m ³ . All concrete or masonry shall have at least the same fire rating as that required for the Pipe collar						C C	
Application Technique:	The app	Concrete/masonry walls : The wrap shall be inserted into the oversize aperture around the pipe, approximately 5 mm from the exposed surface of the wall. The remaining unfilled aperture is then infilled with a sand/cement mortar mix.						
Service Coat-Back :	Not	required	U Value	9: N	lot known			
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, not further than 320 mm and 500 mm from the surface of the sealing system on both faces.							
Resistance to Smoke:		evaluated by this roval	weather Capabilit			Not ev appro	valuated by this val	
Acoustic Rating:		Not evaluated by this approval Movement Capa			lity:	Not ev appro	/aluated by this val	

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CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 400 SERIES PIPE WRAPS

Approval Matrix - Up To 180 Minute Floors

Product Name:	Pyroplex 400 Series Pipe Wraps – PPW55 – PPW160-4							
PVC Pipe Size	Pyroplex Product References	Aperture Size	Wall/ Floor Thickness	Inte	egrity	Insulation		
55 mm Ø by 3.2 mm wall thickness	PPW55-4	67 mm Ø						
82 mm Ø by 3.2 mm wall thickness	PPW82-4	94 mm Ø		120 r	ninutes	120 minutes		
110 mm Ø by 3.2 mm wall thickness	PPW110-4	125 mm Ø	150 mm					
125 mm Ø by 3.2 mm wall thickness	PPW125-4	155 mm Ø		190 -	ninutes	180 minutes		
160 mm Ø by 3.2 mm wall thickness	PPW160-4	190 mm Ø		1001	minutes	rou minutes		
Walls & Floors	The floors shall be a minimum of 150 mm thick. The minimum density for floors made of concrete blocks/concrete is 600kg/m ³ . All concrete or masonry shall have at least the same fire rating as that required for the seal.							
Application Technique:	Concrete/masonry floors : The wrap shall be inserted into the oversize aperture around the pipe, approximately 5 mm from the exposed surface of the soffit of the floor. The remaining unfilled aperture is then infilled with a sand/cement mortar mix.							
Service Coat-Back :	Not required			U Value	: No	ot known		
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, not further than 320 mm and 500 mm from the surface of the sealing system on both faces.							
Resistance to Smoke:	Not evaluated by th approval					Not evaluated by this approval		
Acoustic Rating:	Not evaluated by th approval	is Movement Capability:			Not evaluated by this approval			

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