



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 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 Exova (UK) Limited trading as Warrington Certification

Jorrington Certifice

Paul Duggan Certification Manager

Issued: 24th September 2008 Reissued: 7th September 2018 Valid to: 6th September 2023



This certificate is the property of Exova (UK) Limited trading as Warrington Certification Reg. Office: Exova (UK) Limited, Lochend Industrial Estate, Newbridge, Midlothian EH28 8PL United Kingdom. Co. Reg. No. SC070429





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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PYROPLEX 200 SERIES COLLARS

Approval Matrix - Up To 120 Minute Walls & Floors

Product Name:	Pyroplex 200 Series Pipe Collars – PPC55 2 – PPC160-2							
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 mm	100 -	- :	100 minutos			
110 mm Ø by 3.2 mm wall thickness	PPC110-2	150 mm	120 m	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	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 this approval	Weather Capability:		Not eva approv	aluated by this al			
Acoustic Rating:	Not evaluated by this approval	Movement Capability:		Not evaluated by this approval				

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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 ize	Wall/ Floo Thickness	Inte	egrity	Insulation	
55 mm Ø by 3.2 mm wall thickness	PPW55-2	67 r	nm Ø					
82 mm Ø by 3.2 mm wall thickness	PPW82-2	94 r	nm Ø	450	100	20 minutes	100 minutes	
110 mm Ø by 3.2 mm wall thickness	PPW110-2	125	mm Ø	150 mm	120 r		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 t approval						
Acoustic Rating:	Not evaluated by th approval	nis Movement Capability: Not evaluated by t approval						

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PYROPLEX 400 SERIES COLLARS

Approval Matrix - Up To 180 Minute Walls & Floors

Product Name:	Pyroplex 40	0 Series	Pipe Collar	s – PPC	25-4 – F	PPC250-4		
PVC Pipe Size		Pyroplex P Referen		Wall/ Floor Thickness	Int	egrity	Insulation	
25 mm Ø by 1.8 mm wall thi	ckness	PPC25	-4					
32 mm Ø by 1.8 mm wall thi	ckness	PPC32	-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					
68 mm Ø by 3.2 mm wall thi	ckness	PPC55	-4				es 180 minutes	
82 mm Ø by 3.2 mm wall thi	ckness	PPC82	-4	150 mm	190	minutes		
110 mm Ø by 3.2 mm wall th	ickness	PPC110)-4	150 mm	1601	minutes		
125 mm Ø by 3.2 mm wall th	ickness	PPC125	5-4					
135 mm Ø by 3.2 mm wall th	ickness	PPC135	5-4					
160 mm Ø by 3.2 mm wall th	ickness	PPC160)-4					
200 mm Ø by 5.4 mm wall thickness		PPC200)-4					
225 mm Ø by 7.2 mm wall thickness		PPC225	5-4					
250 mm Ø by 7.2 mm wall th	ickness	PPC250)-4					
Walls & Floors	The mir for walls All conc	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.						screw fixed to	
Service Coat-Back :	Not required U						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:	this app	aluated by Weather Canability:				Not evaluated by this approval		
Acoustic Rating:	Not eva this app	luated by roval	Movement Capability: Not evaluated approval			•		

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PYROPLEX 400 SERIES COLLARS

Approval Matrix - Up To 240 Minute Walls

Product Name:	Pyroplex 40	0 Series	Pipe Colla	s – 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	PPC22	5-4		240 ו	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 mm	180 ו	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/ Floo Thicknes	Int	egrity	Insulation	
350 mm Ø by 23.7 mm v thickness	350 mm Ø by 23.7 mm wall thickness)-4	450		ninutes	60 minutes	
400 mm Ø by 23.7 mm v thickness	vall	PPC400)-4	150 mm	001	minutes	00 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 for walls made of concrete blocks/concrete is 600kg/m ³ . All concrete or masonry shall have at least the same fire rating as the 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.						crew fixed to	
Service Coat-Back :	Not required				U Value	/alue: 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:	Not eva this app	luated by roval						
Acoustic Rating:	Not eva this app	luated by roval	Movement Capability: Not evalu approval		aluated by this /al			

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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 wall thickness		PPC350)-4	150 mm	60 m	ninutes	60 minutes	
400 mm Ø by 23.7 mm v thickness	wall	PPC400)-4	150 mm	001	minutes	60 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 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 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	aluated by Weather Capabili			/:	approv	t evaluated by this proval	
Acoustic Rating:	Not eva this app	luated by proval			Not evaluated by this approval			

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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 Thickness	s Inte	egrity	Insulation			
55 mm Ø by 3.2 mm wa thickness	all	PPW55-4	67 mm Ø		180 /	ninutes	180 minutes			
82 mm Ø by 3.2 mm wa thickness	all	PPW82-4	94 mm Ø		1001	minutes	Too 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 r	ninutes	120 minutes			
160 mm Ø by 3.2 mm w thickness	all	PPW160-4	190 mm Ø							
Walls & Floors	The wall All c	walls shall be a r minimum density s made of concre concrete or masor he Pipe collar	for the concl te blocks/con	rete or brick hcrete is 600k	of the wal		-			
Application Technique:	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	U Value: Not known				
Service Support Requirements:	Services should be rigidly supported via steel angles, hangars or channels, no further than 320 mm and 500 mm from the surface of the sealing system on both faces.									
Resistance to Smoke:		evaluated by this roval	Weathe	Weather Capability:				Not ev approv	valuated by this val	
Acoustic Rating:		evaluated by this roval	Mover	Movement Capability:		Not evaluated by this approval				

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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	Into	grity	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 m	minutes	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		100 -		100 minutes		
160 mm Ø by 3.2 mm wall thickness	PPW160-4	190 mm Ø		180 m	ninutes	180 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: 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:	Not evaluated by this approval	^S Weathe				lot evaluated by this pproval		
Acoustic Rating:	Not evaluated by this approval	S Movem	Movement Capability:		Not evaluated by this approval			

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