
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

200 & 400 Series Pyroplex
Pipe Collars & Pipe Wraps

TECHNICAL SCHEDULE

TS03 Penetration Sealing
Systems

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight
Chairman - Management Council
Page 1 of 9

Issued: 24th September 2008
Reissued: 24th July 2013
Valid to: 23rd July 2018



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 designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.'
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
 - v) Production surveillance under ISO 9001:2008
4. 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.
5. The services which may be fitted through the seals are PVC pipes, 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.

CERTIFICATE No CF 635 PYROPLEX LIMITED

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	Integrity	Insulation
55 mm Ø by 3.2 mm wall thickness	PPC55-2	150 mm	120 minutes	120 minutes
82 mm Ø by 3.2 mm wall thickness	PPC82-2			
110 mm Ø by 3.2 mm wall thickness	PPC110-2			
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:	Not known
Service Support Requirements:	Services should be rigidly supported via steel angles, hangers 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 evaluated by this approval
Acoustic Rating:	Not evaluated by this approval	Movement Capability:		Not evaluated by this approval

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	Aperture Size	Wall/ Floor Thickness	Integrity	Insulation
55 mm Ø by 3.2 mm wall thickness	PPW55-2	67 mm Ø	150 mm	120 minutes	120 minutes
82 mm Ø by 3.2 mm wall thickness	PPW82-2	94 mm Ø			
110 mm Ø by 3.2 mm wall thickness	PPW110-2	125 mm Ø			
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:	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		Weather Capability:		Not evaluated by this approval
Acoustic Rating:	Not evaluated by this approval		Movement Capability:		Not evaluated by this approval

CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 400 SERIES COLLARS

Approval Matrix - Up To 180 Minute Walls & Floors

Product Name:		Pyroplex 400 Series Pipe Collars – PPC25-4 – PPC250-4			
PVC Pipe Size		Pyroplex Product References	Wall/ Floor Thickness	Integrity	Insulation
25 mm Ø by 1.8 mm wall thickness		PPC25-4	150 mm	180 minutes	180 minutes
32 mm Ø by 1.8 mm wall thickness		PPC32-4			
40 mm Ø by 1.8 mm wall thickness		PPC40-4			
48 mm Ø by 3.2 mm wall thickness		PPC48-4			
55 mm Ø by 3.2 mm wall thickness		PPC55-4			
68 mm Ø by 3.2 mm wall thickness		PPC55-4			
82 mm Ø by 3.2 mm wall thickness		PPC82-4			
110 mm Ø by 3.2 mm wall thickness		PPC110-4			
125 mm Ø by 3.2 mm wall thickness		PPC125-4			
135 mm Ø by 3.2 mm wall thickness		PPC135-4			
160 mm Ø by 3.2 mm wall thickness		PPC160-4			
200 mm Ø by 5.4 mm wall thickness		PPC200-4			
225 mm Ø by 7.2 mm wall thickness		PPC225-4			
250 mm Ø by 7.2 mm wall thickness		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 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	Weather Capability:		Not evaluated by this approval
Acoustic Rating:		Not evaluated by this approval	Movement Capability:		Not evaluated by this approval

CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 400 SERIES COLLARS

Approval Matrix - Up To 240 Minute Walls

Product Name:		Pyroplex 400 Series Pipe Collars – PPC200-4 – PPC400-4			
PVC Pipe Size		Pyroplex Product References	Wall Thickness	Integrity	Insulation
200 mm Ø by 5.4 mm wall thickness		PPC200-4	150 mm	240 minutes	240 minutes
225 mm Ø by 7.2 mm wall thickness		PPC225-4			
250 mm Ø by 7.2 mm wall thickness		PPC250-4		180 minutes	180 minutes
315 mm Ø by 8.2 mm wall thickness		PPC315-4			
350 mm Ø by 9.8 mm wall thickness		PPC350-4		120 minutes	120 minutes
400 mm Ø by 9.8 mm wall thickness		PPC400-4			
HDPE Pipe Size		Pyroplex Product References	Wall/ Floor Thickness	Integrity	Insulation
350 mm Ø by 23.7 mm wall thickness		PPC350-4	150 mm	60 minutes	60 minutes
400 mm Ø by 23.7 mm wall thickness		PPC400-4			
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 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 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.			
Resistance to Smoke:		Not evaluated by this approval	Weather Capability:		Not evaluated by this approval
Acoustic Rating:		Not evaluated by this approval	Movement Capability:		Not evaluated by this approval

CERTIFICATE No CF 635 PYROPLEX LIMITED

PYROPLEX 400 SERIES COLLARS

Approval Matrix - Up To 180 Minute Floors

Product Name:		Pyroplex 400 Series Pipe Collars – PPC315-4 – PPC400-4			
PVC Pipe Size		Pyroplex Product References	Floor Thickness	Integrity	Insulation
315 mm Ø by 8.2 mm wall thickness		PPC315-4	150 mm	120 minutes	120 minutes
350 mm Ø by 9.8 mm wall thickness		PPC350-4*		180 minutes	180 minutes
400 mm Ø by 9.8 mm wall thickness		PPC350-4*			
HDPE Pipe Size		Pyroplex Product References	Wall/ Floor Thickness	Integrity	Insulation
350 mm Ø by 23.7 mm wall thickness		PPC350-4	150 mm	60 minutes	60 minutes
400 mm Ø by 23.7 mm wall thickness		PPC400-4			
* Collar fitted to both 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/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 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:		Not evaluated by this approval	Weather Capability:		Not evaluated by this approval
Acoustic Rating:		Not evaluated by this approval	Movement Capability:		Not evaluated by this approval

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 Thickness	Integrity	Insulation
55 mm Ø by 3.2 mm wall thickness		PPW55-4	67 mm Ø	150 mm	180 minutes	180 minutes
82 mm Ø by 3.2 mm wall thickness		PPW82-4	94 mm Ø			
110 mm Ø by 3.2 mm wall thickness		PPW110-4	125 mm Ø		120 minutes	120 minutes
125 mm Ø by 3.2 mm wall thickness		PPW125-4	155 mm Ø			
160 mm Ø by 3.2 mm wall thickness		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				
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:	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		Weather Capability:		Not evaluated by this approval
Acoustic Rating:		Not evaluated by this approval		Movement Capability:		Not evaluated by this approval

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	Integrity	Insulation
55 mm Ø by 3.2 mm wall thickness	PPW55-4	67 mm Ø	150 mm	120 minutes	120 minutes
82 mm Ø by 3.2 mm wall thickness	PPW82-4	94 mm Ø			
110 mm Ø by 3.2 mm wall thickness	PPW110-4	125 mm Ø			
125 mm Ø by 3.2 mm wall thickness	PPW125-4	155 mm Ø		180 minutes	180 minutes
160 mm Ø by 3.2 mm wall thickness	PPW160-4	190 mm Ø			
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		Weather Capability:		Not evaluated by this approval
Acoustic Rating:	Not evaluated by this approval		Movement Capability:		Not evaluated by this approval