

QUICK VIEW	<b>Application:</b>	Service penetrations - plastic SWD systems
	<b>Fire resistance period:</b>	120 minutes and 240 minutes
	<b>Insulation/integrity:</b>	Insulation and integrity
	<b>Test standard:</b>	BS 476: Part 20: 1987 and BS EN 1366-3: 2009
	<b>Approval type:</b>	Certifire CF635 / CE Mark 1121-CPD-JA5002

## CE Marked Pipe Collars

Pyroplex® CE Marked Pipe Collars have been specifically designed to re-instate the fire resistance of a wall or floor which has been penetrated by plastic flammable pipes used in soil, waste and drainage services. They will seal closed flammable pipes from 25mm to 400mm diameter and can be face fixed or set-in to a wall or ceiling structure. They are suitable for use on concrete, masonry and plasterboard partitions. Available in two fire ratings; 2 hour and 4 hour, each version features a tab closing device which ensures the Pipe Collars are quick and easy to fix in place.

Pyroplex® CE Marked Pipe Collars are tested to BS 476: Part 20: 1987 and BS EN 1366-3: 2009 and has a European classification in accordance with BS EN 13501-2: 2007 - A1:2009. Pyroplex® 200 and 400 series collars are compliant with the requirements given in Certifire TS03.

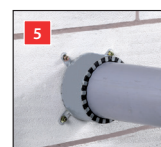
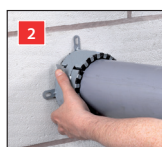
**Certifire Certificate No. CF635**

**EC Certificate of conformity 1121 - CPD - JA5002**

## Product Data



Typical  
installation  
- wall  
application



### Field of application

Pyroplex® CE Marked Pipe Collars have been specifically designed to prevent the passage of fire and hot gases through:

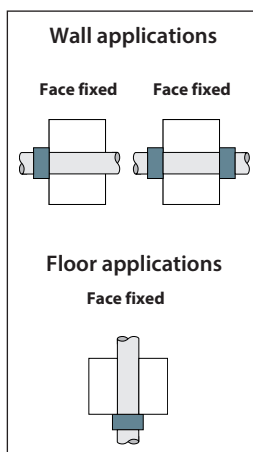
- Concrete, masonry and plasterboard partitions.
- Concrete floor constructions.
- Soil, waste and drainage 'above ground' applications.

### Product features

- Pyroplex® CE Marked Pipe Collars have achieved a fire rating of either 2 hour or 4 hour.
- 2 hour collar has a galvanised steel outer casing.
- 4 hour collar has a stainless steel outer casing.
- Tab closing device means collars are easy to fix in place around pipe and rotate or slide into position.
- Intumescent material is totally unaffected by water, is robust, 'non-flaking' and difficult to tear.

### Installation instructions

1. Ensure substrate around pipe is flat and free from obstructions – if necessary make good by using Pyroplex® Intumescent Acrylic Sealant.
2. Release retaining pin and position pipe collar around pipe.
3. Slide tab through slot in pipe collar and fold back 180° to secure.
4. Secure pipe collar by drilling holes in structure by using fixing lugs as template. To fix use M8 x 65mm sleeve anchors or 50mm [minimum] expanding bolts.
5. When the collar has been securely fitted into place any residual gaps between the collar and the substrate can be filled using Pyroplex® Intumescent Acrylic Sealant.



### Product range

2 HOUR FR PIPE COLLAR WITH ZINTEC MILD STEEL GALVANISED CASING			
Part no.	Pipe diameter	Collar depth	No. of fixing lugs
PPC55-2	55	60	3
PPC75-2	75	60	3
PPC82-2	82	60	3
PPC110-2	110	60	4
PPC160-2	160	60	6
4 HOUR FR PIPE COLLAR WITH STAINLESS STEEL CASING			
Part no.	Pipe diameter	Collar depth	No. of fixing lugs
PPC25-4	25	60	2
PPC32-4	32	60	2
PPC40-4	40	60	2
PPC48-4	48	60	2
PPC55-4	55	60	3
PPC68-4	68	60	3
PPC82-4	82	60	3
PPC90-4	90	60	4
PPC110-4	110	60	4
PPC125-4	125	60	4
PPC135-4	135	60	4
PPC160-4	160	60	6
PPC200-4	200	190	7
PPC225-4	225	190	7
PPC250-4	250	190	8
PPC315-4	315	190	11
PPC350-4	350	190	12
PPC400-4	400	190	14

All measurements are shown in millimetres [mm].

### Quality approval

Pyroplex Limited has a Quality Management System that meets the requirements of ISO 9001:2008, and is independently verified by BSI Quality Assurance under Certificate No. FM10371.

### Other information

The information contained herein is based upon the present state of our knowledge. Recipients of our Pyroplex® products must take responsibility for observing existing laws and regulations.

Due to our policy of continuous improvement Pyroplex Limited reserves the right to amend specifications without prior notice.

## Technical Data

### Product testing

Pyroplex Limited have carried out numerous independent fire resistance tests to confirm the suitability of the product and to demonstrate product compliance by utilising BS 476: Part 20: 1987 and BS EN 1366-3: 2009. EN Classification report to BS EN 13501-2: 2007 - A1:2009 is available on request.

### Maintenance and installation records

Since the product is not subject to routine and replacement programmes. Pyroplex Limited recommend that all firestopping materials are checked on a regular basis to ensure that the product remains integral. Replace and fit any damaged components to reinstate the fire resistance of the wall or floor.

### Product guarantee

Providing the product is installed in accordance with the requirements of the guidance document the product is guaranteed for a period of 10 years.

### Technical support and guidance

Should you require any further information regarding this product please contact Pyroplex Limited or visit our website, [www.pyroplex.com](http://www.pyroplex.com)

## Material Safety Data

### Composition/information on ingredients

**Chemical nature:** Thermoplastic element composition containing intercalated graphite in a synthetic compound with the addition of fillers and process oils. Presented in a 'steel' outer casing to form the final product.

### Possible hazards

**Principle hazards:** Not subject to decree of hazardous substances.

**Critical hazard to man and environment:** Not applicable.

### First aid measures

**On skin contact:** Wash thoroughly with soap and water.

**On contact with eyes:** Wash for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

**On ingestion:** Rinse mouth immediately, do not induce vomiting, and seek immediate medical attention.

**If inhaled:** Not applicable in solid state.

### Fire fighting measures

Pyroplex® intumescent material is self-extinguishing.

**Suitable extinguishing media:** Water, foam, powders and dry extinguishing media.

**Special protective equipment:** Suitable forms of PPE [personal protective equipment].

In the event of fire, contact the appropriate emergency services for assistance.

### Accidental release measures

**Personal precaution:** In the event of fire ensure sufficient ventilation.

**Environmental precaution:** Ensure materials are disposed of in accordance with local authority regulations and/or government legislation.

**Methods for cleaning up:** No special measures necessary.

### Handling and storage

**Handling:** No special requirements.

**Storage:** Store dry and in a cool place [not above +35°C]. Keep out of reach of children. Take care for sufficient ventilation.

### Exposure controls and personal protection

**Respiratory protection:** None normally required, when supplied in solid form. Drilling creates a dust hazard.

**Hand protection:** None normally required.

**Eye protection:** None normally required.

**Skin protection:** None normally required.

### Physical and chemical properties

Form	Solid
Colour	Black
Odour	Acidic
Explosion limits	None

### Stability and reactivity

**Conditions to be avoided:** Thermal decomposition above +300°C.

**Hazardous decomposition products:** Thermal decomposition, fumes contain Hydrogen Chloride. However, the activated graphite is effective at removing aromatic particles from smoke emissions.

### Toxicological information

**Acute toxicity:** Not applicable in solid state.

### Ecological information

**General advice:** Observe the legal provisions regarding the prevention of ground water and surface water as well as air.

### Disposal considerations

**Product packaging:** Refer to local authority regulations.

**Recommendations:** Disposal of by special means in accordance with local regulations e.g. suitable deposition.

**Contaminated packaging recommendation:** Not applicable.

### Transport information

**Transport hazards:** No regulations apply for the transport of this material. Not classified as hazardous for road, rail, sea or air transport.

### Regulatory information

Labelling according to EEC directives	
National legislation/regulations	Not applicable
VbF classifications	None
Water hazard class	Not applicable