

Application:	Service penetrations - plastic SWD systems
Fire resistance period:	120 minutes
Insulation/integrity:	Insulation and integrity
Test standard:	BS 476: Part 20 and BS EN 1366-3
Approval type:	Certifire CF635 / CE Mark 2812-CPR-JA5002

CE Marked Pipe Collars – 200 Series



TYPICAL INSTALLATION - wall application



Pyroplex[®] CE Marked Pipe Collar – 200 Series has 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 55mm to 160mm diameter and can be face fixed to a wall or ceiling structure. They are suitable for use on concrete and masonry partitions. Pyroplex[®] CE Marked Pipe Collar – 200 Series is tested to BS 476: Part 20 and BS EN 1366-3 and has a European classification in accordance with BS EN 13501-2. Pyroplex[®] CE Marked Pipe Collar – 200 Series are compliant with the requirements given in CERTIFIRE TSO3. ETA issued in accordance with article 29 of the Construction Products Regulations (EU). 305/2011 ETA 20/1208 ETAG No. 026 Part 2.

CERTIFIRE Certificate No. CF635

Certificate of Constasy of Performance 2812-CPR-JA5002 (Both available on our website to download at www.pyroplex.com)

ETA 20/1208 (available to download on website)

FIELD OF APPLICATION

Pyroplex[®] CE Marked Pipe Collar – 200 Series has been specifically designed to prevent the passage of fire and hot gases through:

- Concrete and masonry partitions

Not suitable for use in plasterboard partitioning walls/floors.

- Soil, waste and drainage 'above ground' applications
- Only use with PVC-u pipes

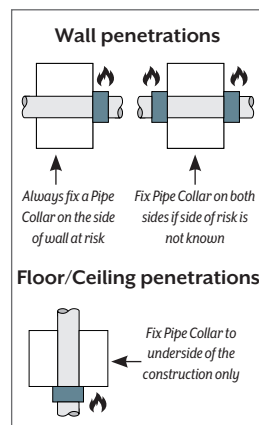
PRODUCT FEATURES

- Pyroplex[®] CE Marked Pipe Collar – 200 Series have achieved a fire resistance of up to 120 minutes
- Pyroplex[®] CE Marked Pipe Collar – 200 Series has a galvanised steel outer casing
- Tab closing device means collars are easy to fix in place around the 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[®] CE Intumescent Acrylic Sealant around the perimeter.
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.

Do not use plastic raw plugs and/or plastic sleeve anchors.



5. When the collar has been securely fitted into place any residual gaps between the collar and the substrate can be filled using Pyroplex[®] CE Intumescent Acrylic Sealant.

PRODUCT RANGE

Range for concrete and masonry walls and floors							
Part No.	Pipe Materials	Pipe Ø [mm]	Pipe Wall Thickness [mm]	Collar Depth [mm]	No. of Fixing Lugs	Orientation and Construction	
						Wall	Floor
PPC55-2M	PVC-u	55	3.2	60	3	EI 120	EI 120
PPC75-2M	PVC-u	75	3.2	60	3	EI 120	EI 120
PPC82-2M	PVC-u	82	3.2	60	3	EI 120	EI 120
PPC110-2M	PVC-u	110	3.2	60	4	EI 120	EI 120
PPC160-2M	PVC-u	160	3.2	60	6	EI 120	EI 120

QUALITY APPROVAL

Pyroplex Limited have a Quality Management System that meets the requirements of ISO 9001 and an Environmental Management System that meets the requirements of ISO 14001, both are independently verified by BSI Quality Assurance under Certificate Numbers FM 10371 and EMS 637894. Copies of these certificates are available on our website to download at www.pyroplex.com.

OTHER INFORMATION

The information contained herein is based upon the present state of our knowledge. Recipients of 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 and BS EN 1366-3. EN Classification report to BS EN 13501-2 is available for download via the Pyroplex website.

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.

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]. Avoid inhalation of smoke or fumes. 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.

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

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/regulation	Not applicable
VbF classifications	None
Water hazard class	Not applicable