

Eurostrip – Fire Only

PRODUCT PROFILES:

Eurostrip

Eurostrip – the economical intumescent sealing solution for high-volume steel doorset manufacturers. Primarily formulated to suit fire resisting steel doorsets, Eurostrip has been designed to combine performance, aesthetics and quality into an easy to install fire containment system. This combination makes the Eurostrip ideal for use on insulated and non-insulated steel doorsets.

On exposure to heat, Eurostrip will expand up to 20 times its original volume to form a fire resisting seal between the door and the frame to contain the spread of fire and minimise smoke transfer. Pyroplex would recommend testing takes place on a case by case basis to the door manufacturer's specification.

FIELD OF APPLICATION

Pyroplex® Eurostrip has been specifically designed for use in the following applications:

- For use on steel fire resisting door assemblies
- Insulated and non-insulated steel door assemblies
- High volume door manufacturers

PRODUCT FEATURES

- Identification on each product ensures full traceability
- Supplied with self adhesive backing for ease of application.
- Intumescent material is high-pressure and multi-directional
- Exhibits expansion characteristics of up to 20 times its original volume
- Supplied in coil lengths suitable for automatic insertion for high volume applications

PRODUCT DATA

| Size | Part No | Coil length | Coils per pallet |
|----------|---------|-------------|------------------|
| 15 x 2mm | 3016301 | 350mm | 20 |
| 20 x 2mm | 3015301 | 350mm | 20 |
| 30 x 2mm | 3018401 | 200mm | 20 |

INSTALLATION INSTRUCTIONS

1. Select the appropriate seal using the door test evidence provided by the steel door manufacturer, to identify the size of intumescent seal required.
2. Clean the substrate to remove surface oils, failure to remove surface greases may result in a delimitation or poor adhesion to the substrate.
3. Remove the release liner from the product and push fit into the routed groove.
4. To achieve excellent adhesion, seals must be applied to clean, dry surfaces at temperatures between +5°C and +25°C.

QUALITY APPROVAL

Pyroplex® Limited has a Quality Management System that meets the requirements of BS EN ISO 9001, and is independently verified by BSI Quality Assurance under Certificate.

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 are specialists in the manufacture of intumescent seals suitable for use in a variety of doorsets. Due to the variation in specification for steel doorsets, Pyroplex would recommend that testing takes place specifically to the door manufacturer's requirements. The Pyroplex Technical Team are available to advise on individual applications.

Chemical composition: The active element is high-pressure forming, multi-directional expandable graphite.

Life cycle: 10 years, providing the seal is installed in accordance with the requirements given in this guidance notes.

MAINTENANCE AND INSTALLATION RECORDS

This product is not subject to routine and replacement programmes, Pyroplex recommend that all firestopping materials are checked regularly to ensure that the product remains integral. Replace and fit any damaged components to reinstate the fire resistance or smoke sealing performance.

PRODUCT GUARANTEE AND TRACEABILITY

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

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. Provided with a semi rigid backing, supplied with self-adhesive backing.

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: Not applicable.

On contact with eyes: Not applicable.

On ingestion: Not applicable.

If inhaled: Not applicable.

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: Not applicable.

Environmental precaution: Not applicable.

Methods for cleaning up: No special measures necessary.

HANDLING AND STORAGE

Handling: No special requirements.

Storage: Store in a cool, dry place [not above +35°C] and ensure sufficient ventilation.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protection: None normally required.

Hand protection: Not applicable.

Eye protection: Not applicable.

Skin protection: Not applicable.

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------|--------|
| Intumescent element | Solid |
| Colour | Black |
| Odour | Acidic |

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. Do not discharge product into natural waters without pre-treatment.

DISPOSAL CONSIDERATIONS

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

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 |