

QUICK VIEW	<b>Application:</b>	Fire Resisting Doorset
	<b>Fire Resistance Period:</b>	30 to 60 minutes
	<b>Insulation/Integrity:</b>	Integrity
	<b>Test Standard:</b>	BS476: Part 22 1987
	<b>Approval Type:</b>	Certifire CF355

## Fire Door Seals - Strip

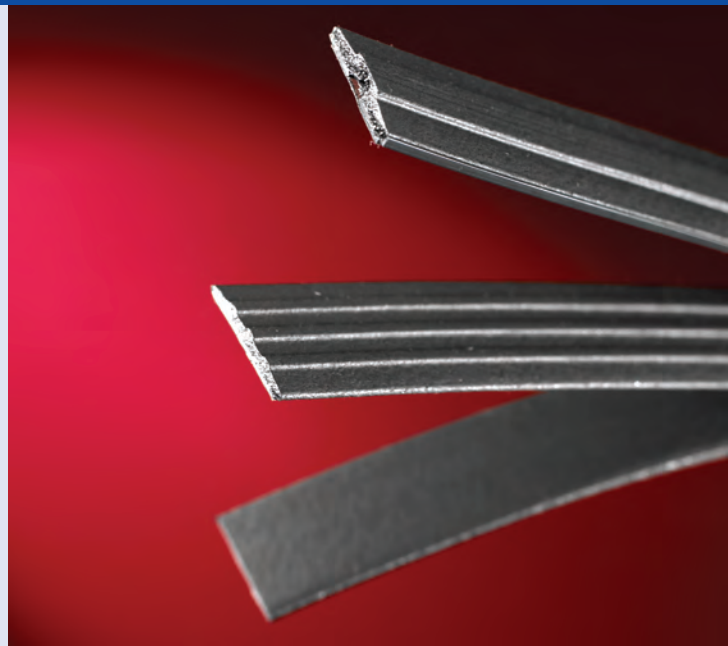
Pyroplex® Intumescent Strip provides a basic intumescent seal for fire rated metal and timber door leaves and frames. It is also ideal for general gap filling in buildings eg. suspended floors, soffits and ducting. It can be fitted under door hinges, lock and closers. Intumescent strips are ideal for new build and retro-fit applications.

Pyroplex® Intumescent Strip is supplied in a continuous coil to minimise wastage and are quick and easy to fit as no special tools are required. They are supplied with a high grade acrylic self adhesive tape backing to make application as easy as possible.

Pyroplex® Intumescent Strip is tested to BS476 Part 22:1987 and other International Standards.

**CERTIFIRE Certificate No. CF355**

## Product Data Sheet



### Product Profiles



Flat - No Adhesive



Flat - with Adhesive

### Field of Application

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

- Surface mounted applications.
- For use single and double action leaf doors.
- Insulated and non-insulated steel doors and frame.
- New build and retrofit applications.

### Product Features

- Supplied with a high grade self-adhesive backing for ease of application and installation.
- Supplied on continuous reels for dispensing applications.
- Identification on each product ensures full traceability.
- Pyroplex® intumescent is a high-pressure, multi directional forming material.
- Pyroplex® intumescent material is totally unaffected by water, robust, 'non-flaking' and difficult to tear.
- Pyroplex® intumescent material colour is black.

### Product Testing

The Pyroplex® range of Fire Door Seals have been extensively tested in the UK, Europe and worldwide, to national and international standards.

### Product Data

Profile Size (mm)	Strip - No Adhesive	Strip with Self-adhesive	Metres per coil	Ind. Fire Resistance
11 x 1		30055	700m	30 mins
20 x 1		30057	350m	30 mins
10 x 1.8		30086	250m	30 mins
10 x 2	8196		250m	30 mins
10 x 2.5		8492	250m	30 mins
15 x 1.8		30085	200m	30 mins
15 x 2	8366		200m	30 mins
15 x 2.5		8501	200m	30 mins
20 x 1.8		30074	200m	30 mins
20 x 2	8212		200m	30 mins
20 x 2.5		8921	150m	30 mins
25 x 2	8294		100m	30 mins
25 x 2.5		8934	100m	30 mins
28 x 3			100m	60 mins
30 x 1.8		30075	75m	60 mins
30 x 2	8432		75m	60 mins
30 x 2.5		8958	75m	60 mins
45 x 2	8241		50m	60 mins
45 x 2.5		8456	50m	60 mins

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### Installation Instructions

1. Clean the substrate to remove surface oils, failure to remove surface greases may result in a delamination or poor adhesion to the substrate.
2. Remove the liner from the intumescent and apply to the product to the substrate.
3. To achieve excellent adhesion seals must be applied to clean, dry surfaces at temperatures between +5°C and +40°C.

### Health and Safety Information

For detailed information on this product please refer to the relevant Material Safety Data Sheet which is available on request or downloadable at [www.pyroplex.com](http://www.pyroplex.com).

### Transportation & Storage

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

Storage: Store in a cool, dry place (not above 35°C) and ensure sufficient ventilation.

### 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. All Pyroplex® seals are identified with a unique reference number for traceability purposes.

### Quality Approval

Pyroplex® Limited has a Quality Management System that meets the requirements of BS EN ISO 9001:2000, and is independently verified by BSI Quality Assurance under Certificate Number FM10371. Copies of this approval are available on request.

### Additional 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 Support and Guidance

Should you require any further information regarding this product please contact Pyroplex® or visit our website, [www.pyroplex.com](http://www.pyroplex.com) where you will be able to download Material and Technical Data Sheets.

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## Fire Door Seals - Strip

## Technical Data Sheet

<b>Issue Date:</b>	1st January 2008	<b>Issue No.</b>	1	<b>Revision No.</b>	1
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### General Description

Pyroplex<sup>®</sup> intumescent strip provides a permanent fire resistant seal for steel door assemblies.

### Product Features

- Supplied with a high grade self-adhesive backing for ease of application and installation.
- Supplied on continuous reels for dispensing applications.
- Requires no additional coatings to extend its long-term durability.
- Identification on each product ensures full traceability.
- Pyroplex<sup>®</sup> intumescent is a high-pressure, multi directional forming material.
- Pyroplex<sup>®</sup> intumescent material is totally unaffected by water, robust, 'non-flaking' and difficult to tear.
- Pyroplex<sup>®</sup> intumescent material colour is black.

### Field of Application

- Surface mounted applications.
- For use single and double action leaf doors.
- Insulated and non-insulated steel doors and frame.
- New build and retrofit applications.

### Product Information

Profile Size (mm)	Strip - No Adhesive	Strip with Self-adhesive	Metres per coil	Ind. Fire Resistance
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### Test Evidence

Pyroplex<sup>®</sup> Intumescent Strip has been extensively tested in the UK, Europe and Worldwide, to National and International standards.

### Technical Data

**Chemical composition:** The active element is low-pressure forming, multi-directional expandable graphite contained within a high performance durable polymer. Expansion characteristics 10:1

**Adhesive performance:** Adhesive Type: High performance modified acrylic

Thickness: 205 microns

Temperature resistance: 200°C Short term, 100°C Long term

Tensile strength: >30N/15mm

Humidity resistance: Very Good

Solvent resistance: Very Good

Ageing resistance: Very Good

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

### Material Safety Data Sheets

For full details refer to separate Material Safety Data Sheet.

### Maintenance and Installation Records

As this product is not subject to routine and replacement programmes, Pyroplex<sup>®</sup> 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.

### 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.

### Product Traceability

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### Quality Approval

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### Technical Support and Guidance

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**Fire Door Seals - Intumescent Strip**

**Technical Data Sheet**

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## Material Safety Data Sheet

<b>Issue Date:</b>	1st October 2007	<b>Issue No.</b>	1	<b>Revision No.</b>	1
In accordance with 91/155/EEC directive		<b>No. of Pages</b>	1	<b>Page No.</b>	1 of 1

### Field of Application

For fire rated door applications.

### 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, may be supplied with or without an acrylic 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: 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: Do not discharge the product into drains or water courses, 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. Keep away from food and drink.  
Storage: Store in a cool dry 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.  
Hand protection: Appropriate protective gloves.  
Eye protection: Appropriate protective goggles.  
Skin protection: None normally required.

### Physical and Chemical Properties

<b>Form:</b>	Solid
<b>Colour:</b>	Black
<b>Odour:</b>	Acidic
<b>Density:</b>	1.3 specific gravity

### 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/ regulations	Not applicable.
VbF Classifications	None
Water hazard class	Not applicable.

### 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.

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