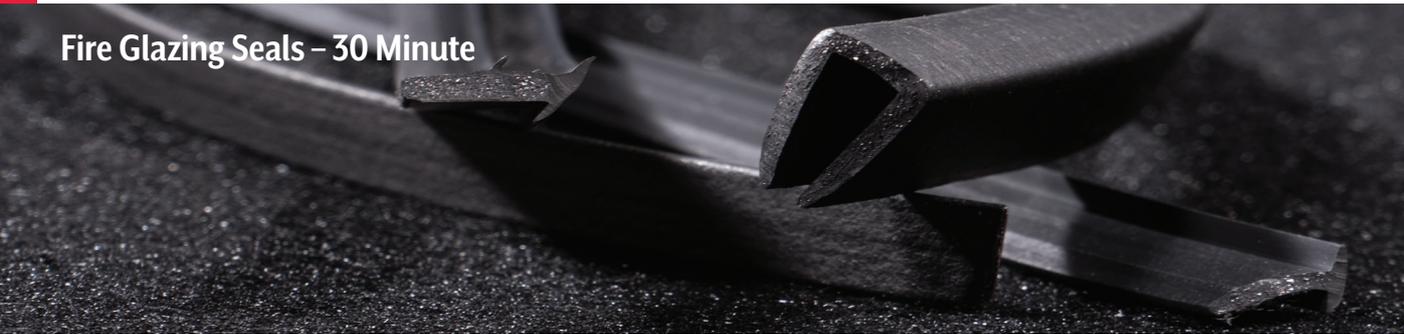


Application:	Glazing apertures
Fire resistance period:	30 minutes
Insulation/integrity:	Integrity and insulation
Test standard:	BS 476: Part 22: 1987
Approval type:	Certifire CF348

Fire Glazing Seals – 30 Minute



PRODUCT PROFILES:



30049



30054



8193



8492

Pyroplex[®] FG30 30 Minute Glazing Systems offer a range of solutions for glazing vision panels in timber fire doors. They are fully flexible and supplied in slimline reels for storage and to minimise wastage. They are also approved for use on slimline economical beads.

Pyroplex[®] FG30 30 Minute Glazing Systems are tested to BS 476: Part 22: 1987 BS EN1634:1 and other international standards. They are compliant with the requirements of CERTIFIRE TS25.

Certifire Certificate No. CF348.

FIELD OF APPLICATION

Pyroplex[®] FG30 30 Minute Glazing Systems have been specifically designed for use in glazed apertures in fire resisting timber doors and steel doors.

PRODUCT FEATURES

- Supplied on continuous reels for dispensing applications, ease of storage and to reduce wastage in cut-offs.
- Supplied with a high performance self-adhesive backing for ease of application and installation.
- Pyroplex[®] intumescent material is totally unaffected by water, robust, 'non-flaking' and difficult to tear.

PRODUCT DATA

Part No.	Metres on Coil	Fire Resistance	
		30 Min.	60 Min.
30049	100m	✓	–
30054	150m	✓	–
8193	100m	✓	–
8492	250m	✓	–

✓ = primary test evidence available.

INSTALLATION INSTRUCTIONS

1. Unwind the glazing system from the coil. Remove the release liner from the product. Fit the product to the bead.
2. Mitre cut the bead [with glazing system installed] to fit the aperture. Install one complete side of the beading system using M5 x 50mm stainless steel screws at 150mm centres.
3. Cut glass to fit aperture with a tolerance of +/-2mm and install.
4. Repeat steps for opposite side of the door.

QUALITY APPROVAL

Pyroplex Limited has a Quality Management System that meets the requirements of ISO 9001, and is independently verified by BSI Quality Assurance under Certificate No. FMI0371. Copies of this approval are available on request.

OTHER INFORMATION

End user should ensure that the door has been previously tested and certificated to accept a glazed aperture, failure to observe this guidance may invalidate the test evidence or approval for the door set assembly.

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.

For glass types and aperture sizes refer to the CERTIFIRE certificate of approval CF348. Copies of this approval are available on request.

TECHNICAL DATA:

PRODUCT TESTING

Pyroplex® FG30 30 Minute Glazing Systems have been tested to the requirements of Certifire TS25 and other international standards, including British Standards BS 476: Part 22: 1987. BS EN1634:1

Test Reports and International Standards

Certifire CF348
Warringtonfire 136934, 136935, 137714, 139878, 165278

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.

MAINTENANCE AND INSTALLATION RECORDS

As this 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.

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. Encapsulated in an elastomeric polymer for aesthetic finish.

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: No special measures necessary.

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]. Ensure sufficient ventilation.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protection: Not applicable.

Hand protection: Not applicable.

Eye protection: Not applicable.

Skin protection: Not applicable.

PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Colour	All colours
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.

DISPOSAL CONSIDERATIONS

Recommendations: Disposal by means in accordance with local authority 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