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## CERTIFICATE OF APPROVAL

### No CF 828

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This is to certify that, in accordance with  
TS00 General Requirements for Certification of Fire Protection Products  
The undermentioned products of

**PYROPLEX LIMITED**  
The Furlong, Droitwich, Worcestershire, WR9 9BG  
Tel: 01905 795 432 Fax: 01905 795 757

Have been assessed against the requirements of the Technical Schedule(s)  
denoted below and are approved for use subject to the conditions  
appended hereto:

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**CERTIFIED PRODUCT**  
Pyroplex Fire Rated Expanding  
Foam

**TECHNICAL SCHEDULE**  
TS40 Linear Gap Sealing  
Systems

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan  
Certification Manager



Issued: 11<sup>th</sup> April 2011  
Reissued: 16<sup>th</sup> February 2022  
Valid to: 15<sup>th</sup> February 2027

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## CERTIFICATE No CF828 PYROPLEX LIMITED

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### Pyroplex Fire Rated Expanding Foam

1. This approval relates to the use of Pyroplex Fire Rated Expanding Foam linear joint sealing systems for the fire protection of movement joints within walls. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness and width for Pyroplex Fire Rated Expanding Foam linear joint sealing systems required to provide fire resistance periods in accordance with BS EN 1366-4: 2021 of up to 120 minutes. The scope of certification complies with the guidelines stated in the ASFP Red Book: 4th Edition for 3rd party certification schemes.
2. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
3. The product is approved on the basis of:
  - i) Initial type testing
  - ii) Audit testing at the frequency specified in TS40
  - iii) A design appraisal against TS40
  - iv) Inspection and surveillance of factory production control
  - v) Certification of quality management system to ISO 9001: 2015
4. The block/masonry/concrete walls shall be at least 200mm thick and have at least the same fire resistance as that required for the penetration seal.
5. Block/masonry and concrete gap faces will be within the density range of 450 to 2300kg/m<sup>3</sup>, and gap faces will be free from loose or flaking material.
6. The approval relates to ongoing production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

#### Further Information

Further information regarding the details contained in this data sheet may be obtained from Pyroplex Ltd (Tel: 01905 795 432).

Further information regarding the CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).



**CERTIFICATE No CF828  
PYROPLEX LIMITED**

**Pyroplex Fire Rated Expanding Foam - Approval Matrix**

**Blockwork/Masonry/Concrete (aerated or normal) Wall Installations with a minimum 200 mm thickness, seal to be vertically orientated in the wall only.**

Product Name		Pyroplex Fire Rated Foam			
Joint Width Range mm	Minimum Sealant Depth mm	Backing Material	Minimum Dimensions of Backer mm	Integrity (mins)	Insulation (mins)
3-15	≥200	None	N/A	120	120
3-15	≥180	Stone Wool 100 kg/m <sup>3</sup> minimum density (can be installed to either face)	Width of joint x 20 deep	120	120
3-40	≥180		Width of joint x 20 deep	120	120
<b>Application Technique</b>		Where required, the backer is compressed into gap/joint flush to one face of the wall (can be installed to either face of the wall) and then the foam is gunned into the required depth to one face. Where no backer is required the foam is installed into the wall into the required depth.			