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## CERTIFICATE OF APPROVAL

### No CF 355

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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  
United Kingdom  
Tel: 01905 795432  
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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 intumescent seals (with  
optional smoke and acoustic  
control)

#### TECHNICAL SCHEDULE

TS35 – The Contribution of  
Intumescent Seals to The Fire  
Resistance of Pedestrian Type  
Door Assemblies (Issue 7)

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

Paul Duggan  
Certification Manager

TS21 – The Contribution of  
Edge Seals to the Control of  
Smoke Leakage via Door  
Assemblies (Issue 7)



Issued: 2<sup>nd</sup> July 2004  
Frequency: 29<sup>th</sup> May 2025  
Valid to: 24<sup>th</sup> February 2030





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### PYROPLEX LIMITED

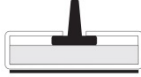
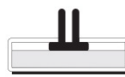
#### PYROPLEX INTUMESCENT DOOR EDGE SEALS - WITH OPTIONAL SMOKE AND ACOUSTIC CONTROL

1. 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.
2. This certificate of approval relates to the Pyroplex Rigid Box intumescent door edge seals for use with timber based, fire resistant door assemblies.

#### **Pyroplex Rigid Box Seals**

Pyroplex Rigid Box Seals comprise of a graphite based intumescent core encased within a PVC carrier. The seals are supplied with a high performance self-adhesive strip in a range of cut lengths.

Pyroplex Rigid Box Seals are available as **fire only** systems, or with integral components for smoke and acoustic performance.

| Dimension | <br>Fire Only<br>(FO) | <br>Pile Only<br>(PO) | <br>Pile with Fin<br>(P+F) | <br>Single Flipper<br>(SF) | <br>Twin Flipper<br>(TF) | <br>Side Flipper<br>(SDF) |
|-----------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 10 x 4    | 8500                                                                                                     | 8512                                                                                                     | 8510                                                                                                          | 8524                                                                                                           | 8523                                                                                                          | 8923                                                                                                           |
| 15 x 4    | 8700                                                                                                     | 8712                                                                                                     | 8710                                                                                                          | 8724                                                                                                           | 8723                                                                                                          | 8924                                                                                                           |
| 20 x 4    | 8600                                                                                                     | 8612                                                                                                     | 8610                                                                                                          | 8624                                                                                                           | 8623                                                                                                          | 8925                                                                                                           |
| 25 x 4    | 8800                                                                                                     | 8812                                                                                                     | 8810                                                                                                          |                                                                                                                |                                                                                                               |                                                                                                                |
| 30 x 4    | 30094                                                                                                    | 3009412                                                                                                  | 3009410                                                                                                       |                                                                                                                |                                                                                                               | 30218                                                                                                          |
| 38 x 4    | 30076                                                                                                    | 3007612                                                                                                  | 3007610                                                                                                       |                                                                                                                |                                                                                                               |                                                                                                                |

**Note:** This approval applies to the described seals of nominal dimensions but also includes seals of modified dimensions in all variations of finish, both with and without integral smoke seals.

Pyroplex Rigid Box Seals can be supplied in a range of colours – Refer to Pyroplex Product Data Sheet.

Page 2 of 4 Signed  
CNI35686-1



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EWC-QU-FT-733 (Issue 2)



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#### PYROPLEX INTUMESCENT DOOR EDGE SEALS – WITH OPTIONAL SMOKE AND ACOUSTIC CONTROL

##### Pyroplex Flexible Seals

Pyroplex Flexible Seals comprise of a graphite based intumescent core encapsulated in a polymer. The seals are supplied with a high performance self adhesive strip on continuous dispensing coils.

Pyroplex Flexible Seals are designed for fire only performance.

| Dimension |  |
|-----------|-----------------------------------------------------------------------------------|
| 10 x 2.5  | 8979                                                                              |
| 10 x 3    | 30172                                                                             |
| 10 x 4    | 8989                                                                              |
| 15 x 2.5  | 8980                                                                              |
| 20 x 2.5  | 8981                                                                              |
| 20 x 4    | 30112                                                                             |
| 24 x 3.5  | 30171                                                                             |
| 25 x 2.5  | 8988                                                                              |
| 30 x 2.5  | 8986                                                                              |
| 40 x 2.5  | 8983                                                                              |

Note: This approval applies to the described seals of nominal dimensions but also includes seals of modified dimensions in all variations of finish.

##### Pyroplex Intumescent Strips

Pyroplex Intumescent Strips are graphite based intumescent seals. The seals are supplied with a high performance self adhesive strip on continuous dispensing coils.

Pyroplex Intumescent Strip is designed for fire only performance.

| Dimension |  |
|-----------|-------------------------------------------------------------------------------------|
| 10 x 2.5  | 8492                                                                                |
| 15 x 2.5  | 8501                                                                                |
| 20 x 2    | 30074                                                                               |
| 20 x 2.5  | 8921                                                                                |
| 25 x 2    | 30142                                                                               |
| 30 x 2    | 30075                                                                               |
| 30 x 2.5  | 8958                                                                                |
| 40 x 2.5  | 8456                                                                                |

Note: This approval applies to the described seals of nominal dimensions but also includes seals of modified dimensions in all variations of finish.





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2. The door seals are approved on the basis of:
  - i) A design appraisal against TS35 and TS21
  - ii) Initial type testing
  - iii) Manufacturing frequency checks
  - iv) Ageing and durability tests
  - v) Evidence of technical support
  - vi) Clear and unambiguous labeling of seals
  - vii) Certification to ISO 9001: 2015
  - viii) Inspection and surveillance of factory production control
  - ix) Ongoing audit tests in accordance with TS35
3. The suitability of the seals in door assemblies not certificated by CERTIFIRE should be established by reference to the certification, test reports or assessments relating to the particular door assembly.
4. Pyroplex graphite based intumescent seals may be used with doorsets outside of the scope given above (paragraph 3) providing the door manufacturer's certification shows acceptability.
5. The approved Pyroplex seals shall have nominal widths and cross-sectional areas of intumescent at least equal to those in the tested/approved door assembly and shall be similarly positioned.
6. The approval additionally certifies that the described integral smoke seal variants are suitable for use with door assemblies required to restrict smoke leakage at ambient temperatures. The described integral smoke seals are applicable within door assemblies as detailed in Section 9 below. The seals shall be uninterrupted around the head and vertical edges.
7. The seals shall be installed in accordance with the manufacturer's instructions.
8. The approval relates to on-going production. Product 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 (i.e. No. CF 355).
9. These seals are suitable to be used with:

***CERTIFIRE approved FD30 single-acting, single leaf, latched or unlatched doorsets of maximum leaf dimensions 2040 mm high by 926 mm wide and of minimum thickness 42 mm. The doorset assemblies shall consist of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames (Code ITT). More information can be referred to in TS35.***