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## CERTIFICATE OF APPROVAL

### No CF 356

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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

## MANN MCGOWAN FABRICATIONS LIMITED

Intumescent House, 4 Brook Trading Estate, Deadbrook Lane,  
Aldershot, Hampshire, GU12 4XB  
Tel: 01252 333601 Fax: 01252 322724

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

**PYROSTRIP 500P & PYROSTRIP  
500PSS intumescent seals (with  
optional SS5, Flexifin and Twinfin  
5 smoke seals)**

#### TECHNICAL SCHEDULE

**TS35 – The Contribution Of  
Intumescent Seals To The Fire  
Resistance Of Pedestrian Type  
Door Assemblies**

**TS21 – The Contribution of  
Edge Seals to the Control of  
Smoke Leakage via Door  
Assemblies**

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

Paul Duggan  
Certification Manager



Issued: 1<sup>st</sup> September 2004  
Revised: 19<sup>th</sup> December 2019  
Valid to: 17<sup>th</sup> May 2020

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## PYROSTRIP 500P & PYROSTRIP 500PSS INTUMESCENT SEALS WITH OPTIONAL SMOKE SEALS

1. PYROSTRIP 500P & PYROSTRIP 500PSS intumescent seals comprise a range of PVC-encased, graphite based, intumescent seals with or without integral smoke seals.

This approval applies to the described seals of the following dimensions in all variations of finish, both with and without integral smoke seals.

Profile Dimension
15 x 4mm
20 x 4mm
25 x 4mm
30 x 3mm
30 x 4mm
38 x 4mm

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.

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 labelling of seals
  - vii. Certification of quality management system to ISO 9001: 2015.
  - viii. Inspection and surveillance of factory production control
  - ix. Ongoing audit tests in accordance with TS35
3. These seals, of minimum dimensions 15 mm wide by 4 mm thick, 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.***
  4. 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.
  5. PYROSTRIP 500P & PYROSTRIP 500PSS intumescent seals may be used with doorsets outside of the scope given above (paragraph 3) providing the door manufacturer's certification shows acceptability.



## **PYROSTRIP 500P & PYROSTRIP 500PSS INTUMESCENT SEALS WITH OPTIONAL SMOKE SEALS**

6. These seals are also suitable to be used with CERTIFIRE approved single or double leaf, FD30, FD60, FD90 and FD120 doorsets or previously tested (in accordance with BS 476: Part 22: 1987), which have been specifically tested with this type of seal. The seal size and configuration required in the relevant CERTIFIRE certificate or test report must be replicated. The doorset assemblies shall consist of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames (Code ITT).
7. The approved PYROSTRIP 500P & PYROSTRIP 500PSS 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.
8. 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 as defined in BS 476: Part 31.1: 1983 and Appendix B of Approved Document B 'Fire Safety' to the Building Regulations 2000. The described integral smoke seals are applicable for use within door assemblies as detailed in Section 3 above. The seals shall be uninterrupted around the head and vertical edges and may be installed either in the frame or the leaf.
9. When the fire seals include smoke seals, the SS5 and Flexifin 5 seals shall be fixed continuously around the head and vertical edges of the frame along the centre line of the door frame rebate bypassing any hinge and latch items. When the seals include Twinfin 5 seals they may be interrupted at the hinge and latch positions by a total length of 321mm, they also shall be fixed around the head and vertical edges of the frame along the centre line of the door frame rebate.
10. 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.
11. The seals shall be installed in accordance with the manufacturer's instructions.
12. The approval relates to on going production. Product and/or its immediate packaging is identified with the manufacturer's 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 Mann McGowan Fabrications Limited (Tel: 01252 333601).

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