
CERTIFICATE OF APPROVAL

No CF 397

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

Unit 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:

CERTIFIED PRODUCT

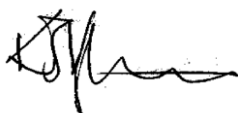
Mann McGowan Pyrostrip 500F
Intumescent Fire Seals with
SS5, Flexifin 5 and Twinfin 5
smoke Seals

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 Exova (UK) Limited trading as
Warrington Certification



Sir Ken Knight
Chairman
Impartiality Committee



Paul Duggan
Certification Manager



Issued: 4th February 2005
Reissued: 23rd September 2016
Valid to: 22nd September 2021

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MANN MCGOWAN FABRICATIONS LIMITED

PYROSTRIP 500F INTUMESCENT SEALS WITH OPTIONAL SMOKE SEALS

1. Pyrostrip 500F 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 minimum dimensions 10 mm wide by 4 mm thick (but also includes seals of modified dimensions) in all variations of finish, both with and without integral smoke seals.

2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section D of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.'

3. 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 of Quality Management Systems to ISO9001: 2008
- viii) Inspection and surveillance of factory production control
- ix) Ongoing audit tests in accordance with TS35

4. These seals, of minimum dimensions 10 mm wide by 4 mm thick, are suitable to be used with CERTIFIRE approved doorsets which are currently specifically approved for use in conjunction with Pyrostrip 500F seals. The Pyrostrip 500F seals cannot be used in place of a previously tested seal of any other specification.

5. The approved Pyrostrip 500F 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.

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PYROSTRIP 500F INTUMESCENT SEALS WITH OPTIONAL SMOKE SEALS

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 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.
7. 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.
8. The seals shall be installed in accordance with the manufacturer's instructions.
9. 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).