



CERTIFICATE OF APPROVAL

No CF 356

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:

CERTIFIED PRODUCT

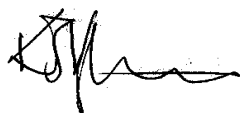
**ID30 & ID30S intumescent
 seals (with optional SS5,
 Flexifin and Twinfin 5
 smoke seals)**

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 CERTIFIRE



Sir Ken Knight
 Chairman – Impartiality Committee

Issued: 1st September 2004
 Reissued: 18th May 2015
 Valid to: 17th May 2020

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MANN MCGOWAN FABRICATIONS LIMITED

ID30 & ID30S INTUMESCENT SEALS WITH OPTIONAL SMOKE SEALS

1. ID30 & ID30S 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 15 mm wide by 4 mm thick (but also includes seals of increased 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.

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 System to ISO9001 : 2008
- viii) Inspection and surveillance of factory production control.
- viii) 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. The approved ID30 and ID30S seals shall have nominal overall dimensions and cross-sectional areas of intumescent at least equal to those in the tested/approved door assembly and shall be similarly positioned, and in all cases shall not be less than 15 mm wide by 4 mm thick.

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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).