

CERTIFIRE



CERTIFICATE OF APPROVAL No CF280

This is to certify that, in accordance with
CERTIFIRE's Rules for Certification
The undermentioned products of

MANN MCGOWAN FABRICATIONS LIMITED

Unit 9, Springlakes Estate, Deadbrook Lane, Aldershot
Hampshire, GU12 4UH
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 Enviroseal
SS5, Flexifin 5 and Twinfin
5 Smoke Seals

TECHNICAL SCHEDULE

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

Sir Peter Darby

Sir Peter Darby
Chairman - Management Council

Issued: 11th June 2002
Valid to: 10th June 2007

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Only valid when authentic
CERTIFIRE Seal is in place



CERTIFICATE No. CF280

MANN MCGOWAN FABRICATIONS LIMITED

Mann McGowan Enviroseal SS5, Flexifin 5 and Twinfin 5 Smoke Seals

1. This approval relates to the use of the above door seals in contributing to the performance of doorsets against the leakage of ambient temperature smoke, as defined in BS476: Part 31.1: 1983 subject to the undermentioned conditions.
2. The door seals are approved on the basis of:
 - i) Initial type testing.
 - ii) A design appraisal against CERTIFIRE Technical Schedules TS21.
 - iii) Production surveillance under BS ISO 9002.
3. The seals comprise a range of brush pile and elastomeric smoke seals.
4. This approval relates to doorsets with leaf to frame gaps of between 3.5mm and 4.5mm.
5. The doorsets into which the seals are to be fitted may be single or double acting and single or double leaf as follows:
 - Enviroseal SS5 continuous around single acting doors
 - Enviroseal SS5 continuous around double acting doors
 - Flexifin 5 continuous around single acting doors
 - Flexifin 5 continuous around double acting doors.
 - Twinfin 5 continuous around single acting doors
 - Twinfin 5 continuous around double acting doors
 - Twinfin 5 interrupted at hinges and latch around single acting doors
6. The SS5 and Flexifin 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.
7. The Twinfin seals shall be fixed around the head and vertical edges of the frame along the centre line of the door frame rebate and the Twinfin 5 seals may only be interrupted at the hinge and latch positions by a total length of 321mm.

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8. The seals shall be installed in accordance with the manufacturers instructions. The doorset shall be installed in accordance with BS 8214: 1990.
9. The approval relates to on going 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.