



CERTIFICATE OF APPROVAL
No CF 678

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

FIRE ACOUSTIC SOLUTION UK LIMITED

**5 Jupiter House, Calleva Park, Aldermaston
Reading, Berkshire RG7 8NN**

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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:

CERTIFIED PRODUCT

**Fire Acoustic Solution UK
Limited
SEALz Intumescent Fire
Seal**

TECHNICAL SCHEDULE

**TS35 – The Contribution Of
Intumescent Seals To The Fire
Resistance Of Pedestrian Type
Door Assemblies (Issue 2)**

Signed and sealed for and on behalf of CERTIFIRE

Sir Ken Knight
Chairman - Management Council

Issued: 9th October 2009
Revised: 12th November 2010
Valid to: 8th October 2014

Page 1 of 4



Only valid when authentic
CERTIFIRE Seal is in place



CERTIFICATE No CF 678
FIRE ACOUSTIC SOLUTION UK LIMITED

Fire Acoustic Solution UK Limited SEALz Intumescent Fire Seal

1. Fire Acoustic Solution UK Limited SZSS, SZF & SZFS Intumescent Fire Seals comprise a range of graphite based intumescent seals, of the high pressure type, with or without pvc carrier and with or without integral smoke and or acoustic seals. The seals may include integral smoke and/or acoustic seal variants of the wiping type, which comprises an integral brush pile. The seals contain nominally 2 mm thick intumescent strip, 2 mm less in width than the nominal overall seal width when including a PVC carrier.

This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 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.'

This approval applies to the described seals of minimum 10 mm width (but also includes seals of increased dimensions) in all variations of finish, both with and without integral smoke and or acoustic seals. The following table gives examples, however they are not absolute:

Product Reference	Profile Dimensions	Application
SZF 102	10 mm x 2 mm	FD30
SZF 152	15 mm x 2 mm	FD30
SZF 202	20 mm x 2 mm	FD30 & FD60
SZF 252	25 mm x 2 mm	FD30 & FD60
SZF 302	30 mm x 2 mm	FD30 & FD60
SZF 382	38 mm x 2 mm	FD30 & FD60
SZSS 104	10 mm x 4 mm	FD30
SZSS 154	15 mm x 4 mm	FD30
SZSS 204	20 mm x 4 mm	FD30 & FD60
SZSS 254	25 mm x 4 mm	FD30 & FD60
SZFS 104	10 mm x 4 mm	FD30
SZFS 154	15 mm x 4 mm	FD30
SZFS 204	20 mm x 4 mm	FD30 & FD60
SZFS 254	25 mm x 4 mm	FD30 & FD60



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2. The door seals are approved on the basis of:

- i) A design appraisal against TS35
- 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) Inspection and surveillance of factory production control
- viii) Certification of quality management system to ISO 9001: 2008
- viii) Ongoing audit tests in accordance with TS35

3. These seals, of minimum 10 mm width, 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. Fire Acoustic Solution UK Limited SZSS, SZF & SZFS Intumescent Fire Seals may be used with doorsets outside of the scope given above (clause 3) providing the door manufacturer's certification shows acceptability.

5. These seals are suitable to be used with CERTIFIRE approved single or double leaf, FD30 & FD60 doorsets or previously tested (in accordance with BS 476: Part 22: 1987), which have been specifically tested with this seal type. 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).

6. 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.

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7. The approved Fire Acoustic Solution UK Limited SZSS, SZF & SZFS Intumescent Fire Seals shall have 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 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.

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