certifire

CERTIFICATE OF APPROVAL
No CF 5840

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

FIRE & ACOUSTIC SEALS LTD

Unit 6-11 Spartan Industrial Centre, Brickhouse Lane, West Bromwich, West Midlands, B70 0DH, United Kingdom
TEL: 0121 521 2179

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	TECHNICAL SCHEDULE
Fire & Acoustic Seals Ltd 'Intumescent Acrylic Sealant'	TS40 Linear Gap Sealing Systems

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

Paul Duggan
Certification Manager

Issued: 19th June 2020
Reissued: 10th July 2026
Valid to: 18th June 2030

CERTIFICATE No CF 5840
FIRE & ACOUSTIC SEALS LTD

Fire & Acoustic Seals Ltd 'Intumescent Acrylic Sealant'

1. This approval relates to the use of Fire & Acoustic Seals Ltd 'Intumescent Acrylic Sealant' for the fire protection of joints between walls and timber based door frames. The detailed scope is given in the Approval Matrices included in this Certificate. This shows the thicknesses and widths and acceptable capping configuration types required to provide fire resistance periods in accordance with BS 476: Part 22. The scope of certification complies with the guidelines stated in the ASFP Red Book: 4th Edition for 3rd party certification schemes.

2. The permitted frame construction and supporting construction requirements given in the Approval Matrices included in this Certificate, are only minimum requirements when installing this linear joint seal. The primary Certifire or Q-Mark approved doorset design requirements the linear joint seal is being installed around must also be complied with. For example, if the doorset design requires a larger frame section size or the frame to be constructed from a greater density, or if the supporting construction must be of a greater thickness, density, include additional board protection or the supporting construction type is not permitted, then this must also be complied with. In all cases, the greater specification takes precedence.

3. 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.

4. This product is approved on the basis of:

   i) Initial type testing
   ii) A design appraisal against TS40
   iii) Certification of quality management system in accordance with TS00 and TS40
   iv) Inspection and surveillance of factory production control
   v) Audit testing

5. Flexible wall types constructed from timber or steel stud (with a suitable timber infill piece) must have a minimum thickness of 75 mm for up to 30 minute applications, and 100 mm up to 60 minutes and 130 mm for 90 and 120 minute Fire Resistance applications, comply with the details in the matrices, and have at least the fire resistance performance of the linear joint seal. The structural opening must be prepared in line with the test evidence provided by the wall manufacturer.

6. Masonry rigid wall constructions made of blockwork, brickwork (hollow blocks/bricks are not permitted) or homogeneous concrete is permitted but must be a minimum 75 mm thick for up to 30 minute applications, or a minimum 100 mm thick for up to 60 minute applications or a minimum 130 mm thick for 90 and 120 minute applications and have a density ≥ 350 kg/m3. The rigid wall must be determined to be able to provide at least the same level of fire resistance of the linear joint seal.

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7. For all wall types the structural opening shall be square, plumb and provide a flat surface for installation of the linear joint seal.

8. The installation method of the doorset must comply with the primary Certifire or Q-Mark approved doorset design requirements and must be compatible with the linear joint seal design.

9. The doorset must be proven in its own right for the same or greater fire resistance performance as the linear joint seal when successfully tested to BS EN 1634-1 or BS 476: Part 22: 1987, be of a timber leaf construction hung in a timber frame and be a Certifire or Q-Mark approved doorset. The maximum permitted opening size for the doorset is 2500 mm high x 2000 mm wide. All other requirements not detailed in this certificate for the doorset design must comply with the primary Certifire or Q-Mark approved doorset design.

10. Timber frames must be of a quality deemed to meet or exceed class J30 as specified in BS EN 942: 2007, subject to adequate repairs.

11. Packer specification must be used as defined in the matrices.

12. The approval relates to ongoing 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.

    Further information regarding the details contained in this data sheet may be obtained from FIRE & ACOUSTIC SEALS (Tel: 0121 521 2179).

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

CERTIFICATE No CF 5840
FIRE & ACOUSTIC SEALS LTD

Fire & Acoustic Seals Ltd FAS Intumescent Acrylic Sealant Matrix Approval Matrix Minimum 75 mm thick Flexible and Rigid Walls with Softwood or Hardwood Frame Minimum Density 510 kg/m^3 or European Beech Minimum Density 720 kg/m^3

Wall type (minimum 75mm thick)	Door frame minimum section dimensions (mm) Not including stop size		Flexible supporting construction, without aperture board lining			FAS Fire Door Foam ™ (CF5839)+ FAS Fire Door Intumescent Acrylic Sealant capped both sides to full depth of frame (minimum 75 mm)			Integrity (mins)
			Minimum timber or steel stud depth (mm)	Gypsum boards type F, EN 520 minimum		Maximum seal width (mm)	Backing depth (mm) FAS Fire Door Foam ™ or stone wool insulation, centrally located	Packer type	
	Thickness	Depth		No. each side	Thickness (mm)				
Plasterboard faced timber stud wall[1]	32	75	50	1	12.5	30	55	Plastic or softwood timber	30
Plasterboard faced steel stud wall[1]	32	75	50	1	12.5	30	55	Plastic or softwood timber	30
Masonry[2]	32	75	n/a	n/a	n/a	30	55	Plastic or softwood timber	30
Application Technique	For good adhesion the surfaces of the building element shall be free of any dust or grease and be suitably primed.								

Notes:

1. The structural opening for flexible supporting constructions must be prepared in line with the test evidence provided by the wall manufacturer.
2. Be constructed from materials with a density ≥ 350 kg/m3.

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FIRE & ACOUSTIC SEALS LTD

Fire & Acoustic Seals Ltd FAS Intumescent Acrylic Sealant Matrix Approval Matrix 60 Minutes Minimum 100 mm Flexible and Rigid Walls with Hardwood Frame (Except Beech) Minimum Density 640 kg/m^3

Wall type (minimum 100 mm thick)	Door frame minimum section dimensions (mm) Not including stop size		Flexible supporting construction, without aperture board lining			FAS Fire Door Foam ™ (CF5839) + FAS Fire Door Intumescent Acrylic Sealant Capping to full depth of frame (minimum 90 mm)			Integrity (mins)
			Minimum timber or steel stud depth (mm)	Gypsum boards type F, EN 520 minimum		Maximum seal width (mm)	Backing depth (mm) FAS Fire Door Foam ™ or stone wool insulation, centrally located	Packer type	
	Thickness	Depth		No. each side	Thickness (mm)				
Plasterboard faced timber stud wall[1]	33	90	50	2	12.5	34	70	Plastic	60
Plasterboard faced steel stud wall[1]	33	90	50	2	12.5	34	70	Plastic	60
Masonry[2]	33	90	n/a	n/a	n/a	34	70	Plastic	60
Application Technique	For good adhesion the surfaces of the building element shall be free of any dust or grease and be suitably primed.								

Notes:

1. The structural opening for flexible supporting constructions must be prepared in line with the test evidence provided by the wall manufacturer.
2. Be constructed from materials with a density ≥ 350 kg/m3.

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FIRE & ACOUSTIC SEALS LTD

Fire & Acoustic Seals Ltd FAS Intumescent Acrylic Sealant Matrix Approval Matrix 90 Minutes Minimum 130mm Flexible and Rigid Walls with Hardwood Frame (Except Beech) Minimum Density 640 kg/m^3

Wall type (minimum 130 mm thick)	Door frame minimum section dimensions (mm) Not including stop size		Flexible supporting construction, without aperture board lining			FAS Fire Door Foam ™ (CF5839) + FAS Fire Door Intumescent Acrylic Sealant Capping to full depth of frame (minimum 130mm)			Integrity (mins)
			Minimum timber or steel stud depth (mm)	Gypsum boards type F, EN 520 minimum		Maximum seal width (mm)	Backing depth (mm) FAS Fire Door Foam ™ or stone wool insulation, and location	Packer type	
	Thickness	Depth		No. each side	Thickness (mm)				
Plasterboard faced timber stud wall[1]	44	130	70	2	15	18	120 flush with unexposed face	Plastic	90
Plasterboard faced steel stud wall[1]	44	130	70	2	15	18	120 flush with unexposed face	Plastic	90
Masonry[2]	44	130	n/a	n/a	n/a	18	120 flush with unexposed face	Plastic	90
Application Technique	For good adhesion the surfaces of the building element shall be free of any dust or grease and be suitably primed.								

Notes:

1. The structural opening for flexible supporting constructions must be prepared in line with the test evidence provided by the wall manufacturer.
2. Be constructed from materials with a density ≥ 350 kg/m3.

CERTIFICATE No CF 5840
FIRE & ACOUSTIC SEALS LTD

Fire & Acoustic Seals Ltd FAS Intumescent Acrylic Sealant Matrix Approval Matrix 120 Minutes Minimum 130mm Flexible and Rigid Walls with Hardwood Frame (Except Beech) Minimum Density 640 kg/m^3

Wall type (minimum 130 mm thick)	Door frame minimum section dimensions (mm) Not including stop size		Flexible supporting construction, without aperture board lining			FAS Fire Door Foam ™ (CF5839) + FAS Fire Door Intumescent Acrylic Sealant Capping to full depth of frame (minimum 130mm)			Integrity (mins)
			Minimum timber or steel stud depth (mm)	Gypsum boards type F, EN 520 minimum		Maximum seal width (mm)	Backing depth (mm) FAS Fire Door Foam ™ or stone wool insulation, and location	Packer type	
	Thickness	Depth		No. each side	Thickness (mm)				
Plasterboard faced timber stud wall[1]	44	130	70	2	15	11	110 central	Plastic	120
Plasterboard faced steel stud wall[1]	44	130	70	2	15	11	110 central	Plastic	120
Masonry[2]	44	130	n/a	n/a	n/a	11	110 central	Plastic	120
Application Technique	For good adhesion the surfaces of the building element shall be free of any dust or grease and be suitably primed.								

Notes:
1. The structural opening for flexible supporting constructions must be prepared in line with the test evidence provided by the wall manufacturer.
2. Be constructed from materials with a density ≥ 350 kg/m3.