
CERTIFICATE OF APPROVAL

No CF 511

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

FSI LIMITED

Westminster Industrial Estate, Tamworth Road,
Measham DE12 7DS

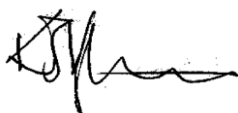
Tel: 01530 515130 Fax: 01530 273564

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
Pyrolastic Silicone Sealant

TECHNICAL SCHEDULE
TS40 Linear Gap Sealing
Systems

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: 20th November 2006
Reissued: 11th May 2017
Next audit test due: 10/05/2020
Frequency: Every 3 years
Valid to: 10th May 2022



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Pyrolastic Silicone Sealant

1. This approval relates to the use of Pyrolastic Silicone Sealant for the fire protection of movement joints within walls and floors. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness and acceptable services for Pyrolastic Silicone Sealant required to provide fire resistance periods in accordance with BS EN 1366-4: 2006 of up to 240 minutes for wall/floor constructions. The scope of certification complies with the guidelines stated in the ASFP Red Book: 3rd Edition for 3rd party certification schemes.
2. 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.
3. The product is approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency specified in TS03
 - iii) A design appraisal against TS03
 - iv) Inspection and surveillance of factory production control
4. The concrete floors and/or masonry or concrete walls shall be at least 150mm thick and have at least the same fire rating as that required for the penetration seal.
5. Masonry and concrete gap faces will be within the density range of 760 to 2300kg/m³, and gap faces will be free from loose or flaking material.
6. Steel gap faces will be in material at least 6mm thick and will be free from dirt, loose rust, grease and other coatings.
8. 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.

Further information regarding the details contained in this data sheet may be obtained from FSi Limited (Tel: 01530 515130).

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

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Pyrolastic Silicone Sealant

Wall Installations min.150mm Thick					
Product Name		Pyrolastic Silicone Sealant			
Configuration	Max. Joint Width (mm)	Minimum Seal Depth (mm)	Seal position	Integrity (mins)	Insulation (mins)
Masonry to Masonry	60	5mm Sealant both faces, backed by stone wool 50mm thick (60kg/m ³)	Both Faces	240	240
Masonry to Steel				240	60
Masonry to Hardwood				180	60
Masonry to Softwood				240	180
Masonry to Masonry	50	25mm Sealant both faces, backed by PE backing rod		240	180
Application Technique		For good adhesion the surfaces of the building element shall be free of any dust or grease and be suitably primed.			

Floor Installations min.150mm Thick					
Product Name		Pyrolastic Silicone Sealant			
Configuration	Max. Joint Width (mm)	Minimum Seal Depth (mm)	Seal position	Integrity (mins)	Insulation (mins)
Masonry to Masonry	60	5mm Sealant unexposed face, backed by stone wool 50mm thick (60kg/m ³)	Unexposed face	240	180
Masonry to Steel				90	45
Masonry to Masonry		5mm Sealant exposed face, backed by stone wool 50mm thick (60kg/m ³)	Exposed face	90	60
Masonry to Steel				120	60
Masonry to Masonry	60	30mm Sealant unexposed face, backed by PE backing rod	Unexposed face	240	60
	12	6mm Sealant unexposed face, backed by PE backing rod		240	120
Application Technique		For good adhesion the surfaces of the building element shall be free of any dust or grease and be suitably primed.			

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Reaction to Fire According to EN13501-1	Classification E	Weather Capability:	Not evaluated by this approval
Acoustic Rating: BS EN ISO 10140-2:2010	Not evaluated by this approval	Movement Capability:	Not evaluated by this approval