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**CERTIFICATE OF APPROVAL**  
**No CF 582**

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

**FIRETHERM LIMITED**

**Unit F, Acorn Industrial Park, Crayford Rd, Crayford, Kent  
DA1 4FT  
Tel: 01322 551010 Fax: 01322 552727**

Have been assessed against the requirements of the Technical Schedule(s)  
denoted below and are approved for use subject to the conditions  
appended hereto:

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**CERTIFIED PRODUCT**

**Intuspan Linear Joint Seal**

**TECHNICAL SCHEDULE**

**TS40 Linear Gap Sealing  
Systems**

**Signed and sealed for and on behalf of CERTIFIRE**

Sir Ken Knight  
Chairman - Management Council

Issued: 1<sup>st</sup> May 2008  
Valid to: 30<sup>th</sup> April 2013

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Only valid when authentic  
CERTIFIRE Seal is in place



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**CERTIFICATE No CF 582**  
**FIRETHERM LIMITED**

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**Intuspan Linear Joint Seal**

1. This approval relates to the use of Intuspan Linear Joint Seals for the fire protection of movement joints within walls. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the dimensions for Intuspan Linear Joint Seals required to provide fire resistance periods in accordance with BS 476: Part 20: 1987 of up to 180 minutes for wall constructions.
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.'
3. The product is approved on the basis of:
  - i) Initial type testing
  - ii) Audit testing at the frequency specified in TS40
  - iii) A design appraisal against TS40
  - iv) Inspection and surveillance of factory production control
  - v) Certification of quality management system to ISO 9001: 2000
4. The masonry, block 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, block and concrete gap faces will be within the density range of 450 to 2300kg/m<sup>3</sup>, and gap faces will be free from loose or flaking material.
6. 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 Firetherm Ltd (Tel: 01322 551010).

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



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FIRETHERM LIMITED**

**Intuspan Linear Joint Seal - Approval Matrix**

Wall (masonry, block or concrete at least 150mm thick) Installations in Vertical Orientation						
Product Name			Intuspan Linear Joint Seal			
Max. Joint Width (mm)	Min. Seal Width (mm)	Min. Seal Depth (mm)	Number/width of Intumescent Strips	Number/width of Foam Strips	Integrity (mins)	Insulation (mins)
25	25	25	2 x 2 mm	1 x 20 mm	120	60
50	57	50	1 x 4 mm + 2 x 2 mm	2 x 24 mm	180	120
75	87	50	2 x 4 mm + 2 x 2 mm	3 x 24 mm	180	120
100	114	100	3 x 4 mm + 2 x 2 mm	4 x 24 mm	120	120
<b>Application Technique</b>		Compressed into gap/joint such that the multi-layers/banding are visible.				
<b>Resistance to Smoke:</b>		Not evaluated by this approval		<b>Weather Capability:</b>		Not evaluated by this approval
<b>Acoustic Rating:</b>		Not evaluated by this approval		<b>Movement Capability:</b>		Not evaluated by this approval