



CERTIFICATE OF APPROVAL
No CF 578

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

**FIRETHERM INTUMESCENT & INSULATION
SUPPLIES 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:

CERTIFIED PRODUCT

Intumastic Sealant

TECHNICAL SCHEDULE

**TS40 Linear Gap Sealing
Systems & TS03 Penetration
Sealing Systems**

Signed and sealed for and on behalf of CERTIFIRE

Sir Ken Knight
Chairman - Management Council

Issued: 1st May 2008
Revised: 8th June 2009
Valid to: 30th April 2013

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Only valid when authentic
CERTIFIRE Seal is in place



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FIRETHERM LIMITED

Intumastic Sealant

1. This approval relates to the use of Intumastic Sealant for the fire protection of movement joints within walls and floors and as a penetration sealing system in floors. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness for Intumastic Sealant required to provide fire resistance periods in accordance with BS 476: Part 20: 1987 of up to 120 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
3. The masonry, block or concrete walls and floors shall be at least 150mm thick and have at least the same fire rating as that required for the joint seal.
4. Masonry, block and concrete gap faces will be within the density range of 450 to 2300kg/m³, and gap faces will be free from loose or flaking material.
5. Backing or support materials may be polyethylene, polyurethane or polyurethane foam, mineral or ceramic fibre insulation.
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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Intumastic Sealant - Approval Matrix

Product Name		Intumastic Sealant						
Configuration		Max. Joint Width (mm)	Minimum Seal Depth (mm)	Backing Material	Integrity (mins)	Insulation (mins)		
Wall Constructions	Autoclaved aerated concrete/concrete/masonry/block	10	10	Polyethylene/polyurethane/mineral fibre/ceramic fibre 15 mm diameter/square (uncompressed)	120	120		
		15	15	Polyethylene/polyurethane/mineral fibre/ceramic fibre 20 mm diameter/square (uncompressed)				
		20	20	Polyethylene/polyurethane/mineral fibre/ceramic fibre 25 mm diameter/square (uncompressed)				
		25	25	Polyethylene/polyurethane/mineral fibre/ceramic fibre 30 mm diameter/square (uncompressed)				
		30	12	Stonewool (45kg/m ³) 25 mm deep			120	-
		110	3	Stonewool (60kg/m ³) 144 mm deep			120	120
Application Technique		For good adhesion the surfaces of the building element shall be free of any dust or grease and be suitably primed. The sealant may be applied to either face of the wall.						
Resistance to Smoke:		Not evaluated by this approval	Weather Capability:		Not evaluated by this approval			
Acoustic Rating:		Not evaluated by this approval	Movement Capability:		Not evaluated by this approval			



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Intumastic Sealant - Approval Matrix

Floor (concrete/aerated concrete at least 150mm thick)						
Product Name		Intumastic Sealant				
Configuration		Max. Joint Width (mm)	Minimum Seal Depth (mm)	Backing Material	Integrity (mins)	Insulation (mins)
Floor Constructions	Aerated concrete/concrete	110	3	Stonewool (60kg/m ³) compressed by 50% and 100 mm deep	120	120
	Aerated concrete/concrete penetrated by 165 mm Ø by 5 mm wall, mild steel pipe	210 Ø	6	Stonewool (45kg/m ³) 25 mm deep	120	0
Application Technique		For good adhesion the surfaces of the building element shall be free of any dust or grease and be suitably primed. The sealant is applied to the upper face of the floor.				
Resistance to Smoke:		Not evaluated by this approval		Weather Capability:	Not evaluated by this approval	
Acoustic Rating:		Not evaluated by this approval		Movement Capability:	Not evaluated by this approval	