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## CERTIFICATE OF APPROVAL

### No CF 5026

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

## SIKA LIMITED

Site 41 Knowsthorpe Way  
Cross Green Industrial Estate  
Leeds  
LS9 0SW  
United Kingdom

Tel: 0113 240 3456 Fax: 0113 240 0024

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

Firemate/Fire Sealant 300 Sealant  
Linear Joint Seals

#### TECHNICAL SCHEDULE

TS40 Linear Gap Sealing  
Systems

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

Paul Duggan  
Certification Manager

First Issued: 24<sup>th</sup> November 2011  
Expired: 17<sup>th</sup> January 2022  
Reissued: 23<sup>rd</sup> August 2023  
Valid to: 22<sup>nd</sup> August 2028





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## CERTIFICATE No CF 5026

### SIKA LIMITED

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#### FIREMATE/FIRE SEALANT 300 SEALANT

1. This approval relates to the use of Firemate/Fire Sealant 300 Sealant linear joint sealing systems 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, width and reference for Firemate/Fire Sealant 300 Sealant linear joint sealing systems required to provide fire resistance periods in accordance with BS EN 1366-4: 2021 of up to 240 minutes for wall/floor constructions.
2. 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.
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
3. The walls and floors shall be at least 150mm thick and have at least the same fire rating as that required for the penetration seal. Further specific requirements for the supporting construction are given in each approval matrix.
4. Block/masonry 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. Softwood gap faces will be minimum 450 kg/m<sup>3</sup> density and hardwood gap faces will be minimum 600 kg/m<sup>3</sup> density.
5. 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**

Further information regarding the details contained in this data sheet may be obtained from Sika Limited (Tel: 0113 240 3456).

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

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## CERTIFICATE No CF 5026 SIKA LIMITED

### Firemate/Fire Sealant 300 Sealant - Approval Matrix

Rigid Wall Installations 150 mm thick minimum. Seals to be fitted vertically orientated in the wall.

Product Name: Firemate/Fire Sealant 300 Sealant

Joint Width mm	Seal Width/Depth Ratio	Backing Material	Gap Face Material	Integrity (mins)	Insulation (mins)
12-29	2:1	PE Backing Rod	AAC/AAC	240	180
30-50				240	180
12-29			AAC/Softwood	90	60
30-49				90	60
50				90	60
≤30	15mm		90	90	
≤50	25mm		180	180	
12-49	2:1		AAC/Hardwood	120	120
50				120	120
12			AAC/Steel	240	60
13-29				240	60
30-49				240	60
50				240	45
≤30				15mm	240
<b>Application Technique:</b>	Compress backing material into gap/joint to form a pocket of the correct depth for the sealant to finish flush with the surface of the wall, then infill with Firemate/Fire Sealant 300 Sealant at a seal width to depth ratio of 2:1 (unless stated otherwise above). The seal is required to be formed on <b>both</b> faces/sides of the wall.				
<b>Walls:</b>	Rigid walls shall be a minimum of 150 mm thick, consisting of concrete or masonry elements. The minimum density of the wall shall be 450 kg/m <sup>3</sup> . All walls shall have at least the same fire resistance period as that required for the barrier.				

AAC - Autoclaved aerated concrete

PE - Polyethylene

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## CERTIFICATE No CF 5026

### SIKA LIMITED

#### Firemate/Fire Sealant 300 Sealant - Approval Matrix

Rigid Floor Installations 150 mm thick minimum. Seals to be fitted horizontally orientated in the floor.

Product Name: Firemate/Fire Sealant 300 Sealant

Joint Width mm	Seal Width/Depth Ratio	Backing Material	Gap Face Material	Integrity (mins)	Insulation (mins)
12	2:1	PE foam or Mineral Wool	AAC/AAC	120	120
13-50				45	45
12-50			AAC/Steel	120	20
<b>Application Technique:</b>	Compress backing material into gap/joint to form a pocket of the correct depth for the sealant to finish flush with the upper surface of the floor, then infill with Firemate/Fire Sealant 300 Sealant at a seal width to depth ratio of 2:1 (unless stated otherwise above). The seal is required to be formed on the upper face of the floor.				
<b>Floors:</b>	Rigid floors shall be a minimum of 150 mm thick, consisting of concrete or masonry elements. The minimum density of the rigid floor shall be 450kg/m <sup>3</sup> . All rigid floors shall have at least the same fire resistance period as that required for the seal.				

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