CERTIFICATE OF APPROVAL
No CF 5027

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:

CERTIFIED PRODUCT	TECHNICAL SCHEDULE
Pyromate/Fire Sealant 400 Sealant Linear Joint Seals	TS40 Linear Gap Sealing Systems

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

Paul Duggan
Certification Manager

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

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CERTIFICATE No CF 5027
SIKA LIMITED

PYROMATE/FIRE SEALANT 400 SEALANT

1. This approval relates to the use of Pyromate/Fire Sealant 400 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 Pyromate/Fire Sealant 400 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
   ii) 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^3, and gap faces will be free from loose or flaking material. Softwood gap faces will be minimum 450 kg/m^3 density and hardwood gap faces will be minimum 600 kg/m^3 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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Pyromate/Fire Sealant 400 Sealant - Approval Matrix

Rigid Wall Installations 150 mm thick minimum. Seals to be fitted vertically orientated in the wall.					
Product Name: Pyromate/Fire Sealant 400 Sealant					
Joint Width mm	**Seal Width/ Depth Ratio**	**Backing Material**	**Gap Face Material**	**Integrity (mins)**	**Insulation (mins)**
12-50	2:1	PE Backing Rod	AAC/AAC	240	180
12			AAC/Softwood	180	120
13-50				120	120
12-29			AAC/Hardwood	120	120
30-50				120	120
≤12	6mm			180	180
≤30	15mm			240	240
≤50	25mm			240	240
12-29	2:1		AAC/Steel	240	60
30-50				240	45
Application Technique:	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 Pyromate/Fire Sealant 400 sealant at a seal width to depth ratio of 2:1 (unless stated otherwise above). The seal is required to be formed on **both** faces/sides of the wall.				
Walls:	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^3. 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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Pyromate/Fire Sealant 400 Sealant - Approval Matrix

Rigid Floor Installations 150 mm thick minimum. Seals to be fitted horizontally orientated in the floor.					
Product Name: Pyromate/Fire Sealant400 Sealant					
Joint Width mm	**Seal Width/ Depth Ratio**	**Backing Material**	**Gap Face Material**	**Integrity (mins)**	**Insulation (mins)**
12-30	2:1	PE foam or Mineral Wool	AAC/AAC	240	90
31-50				240	60
≤30	15mm			240	120
12-30	2:1		AAC/Steel	240	30
31-50				90	20
≤30	15mm			240	30
Application Technique:	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 Pyromate/Fire Sealant 400 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.				
Floors:	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^3. All rigid floors shall have at least the same fire resistance period as that required for the seal.				

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PE - Polyethylene

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