

Sika® Backer Rod Fire

DECLARATION OF PERFORMANCE No. 69992547

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	69992547
2	INTENDED USE/S	ETA 17-0980 Fire stopping and sealing product, linear gap sealing systems when used in conjunction with SikaHyflex®-250 Façade.
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 1
6b	EUROPEAN ASSESSMENT DOCUMENT:	ETAG 026, edition 2011
	European Technical Assessment:	ETA 17-0980
	Technical Assessment Body:	Exova (UK) Limited trading as Warrington Certification
	Notified body/ies:	1121

7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
BWR 1 Mechanical resistance and stability :			
None	Not relevant	System 1	
BWR 2 Safety in case of fire :			
Reaction to fire (EN 13501-1)	Sika® Backer Rod Fire - A1 SikaHyflex®-250 Façade - E	System 1	
Resistance to fire (EN 13501-2)	Annex A	System 1	
BWR 3 Hygiene, Health and the Environment :			
Air permeability (EN 1026:2000)	NPD	System 1	
Water permeability	NPD	System 1	
Release of dangerous substances	Use category IA1, S/W3 Declaration of manufacturer	System 1	
BWR 4 Safety in use :			
Mechanical resistance and stability (EOTA TR 001:2003)	NPD	System 1	
Resistance to impact/movement (EOTA TR 001:2003)	NPD	System 1	ETAG 026
Adhesion (EOTA TR 001:2003)	NPD	System 1	
BWR 5 Protection against noise :			
Airborne sound insulation (EN 10140-2/ EN ISO 717-1)	NPD	System 1	
BWR 6 Energy, Economy and Heat Retention :			
Thermal properties (EN 12664, EN 12667 or EN 12939)	NPD	System 1	
Water vapour permeability (EN ISO 12572 EN12086)	NPD	System 1	
General aspects relating to fitness for use :			
Durability and serviceability (EOTA TR 024:2009)	Z1	System 1	
BWR 7 Sustainable use of natural resources :			
	NPD	System 1	

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Annex A

Resistance to Fire Classification of Sika® Backer Rod Fire linear gap sealing systems when used in conjunction with SikaHyflex® -250 Façade

Orientation

The field of application regarding the orientation of the linear joint is given in Table 1.

Table 1

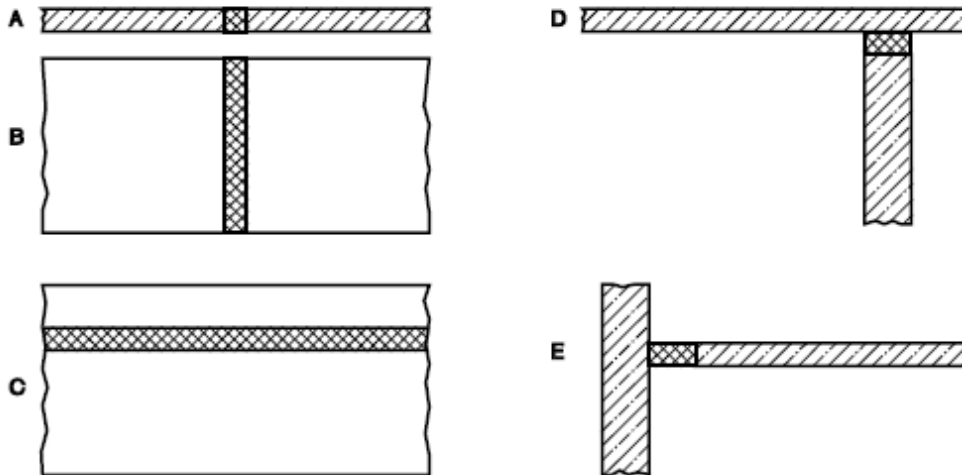
Tested orientation	Application
A	A, D, E ^a
B	B
C	C, D ^b

^a Orientation E will only be covered by test orientation A if shear movement was chosen and one face of the joint was fixed and the other was moved.
^b Orientation D will only be covered by test orientation C if shear movement was chosen and one face of the joint was fixed and the other face was moved.

Key

- A linear joint in a horizontal test construction
- B vertical linear joint in a vertical test construction
- C horizontal linear joint in a vertical test construction
- D horizontal wall joint abutting a floor, ceiling or roof
- E horizontal floor joint abutting a wall

Table 1 only applies when both the supporting construction and the location of the seal within the linear joint remain unchanged.



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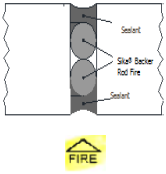
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A.1.1 Rigid floor constructions according to 2.2.1 with floor thickness of minimum 150 mm

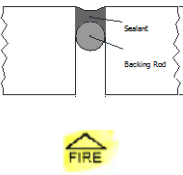
A1.2 Linear joint or gap seal, horizontally orientated

A.1.3 Sika® Backer Rod Fire (mm) in conjunction with SikaHyflex®-250 Façade Linear Joint Seals in Rigid Floors 150 mm thick (min.) Double Seal

Seal Orientation (A&D)	Sika® Backer Rod Fire Dia	SikaHyflex® - 250 Façade Depth (mm)	Substrates	Classification
	12	Sealant depth = width x 0.8*	AAC-AAC	EI240 – H – X – F – W 7-10.2
	15			EI240 – H – X – F – W 9-12.75
	20			EI240 – H – X – F – W 12-17
	30			EI240 – H – X – F – W 17-27
	40			EI240 – H – X – F – W 24-34
	50			EI240 – H – X – F – W 32-42.5
	60			EI240 – H – X – F – W 39-51

*) Seals < 10.2mm 8mm of sealant should be applied

A.1.4 Sika® Backer Rod Fire (mm) in conjunction with SikaHyflex®-250 Façade Linear Joint Seals in Rigid Floors 150 mm thick (min.) Single Seal

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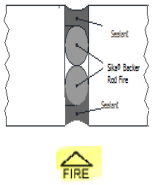
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A.2 Rigid wall constructions according to 2.2.1 with wall thickness of minimum 120 mm

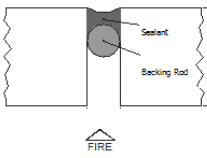
A.2.1 Linear joint or gap seal, vertically orientated

A.2.2 Sika® Backer Rod Fire (mm) in conjunction with SikaHyflex® -250 Façade Linear Joint Seals in Rigid Walls 120 mm thick (min.) –Double Seal

Seal Orientation	Sika® Backer Rod Fire Dia	SikaHyflex® - 250 Façade Depth (mm)	Substrates	Classification
	12	Sealant depth = width x 0.5* (2:1)	AAC-AAC	EI240 – V – X – F – W 0-10.2
	15			EI240 – V – X – F – W 9-12.75
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Seal Orientation	Sika® Backer Rod Fire Dia	SikaHyflex® - 250 Façade Depth (mm)	Substrates	Classification
	12	Sealant depth = width x 0.5* (2:1)	AAC-AAC	E240 EI180 – V – X – F – W 6-10.2
	15			E240 EI180 – V – X – F – W 9-12.75
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**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR -
SPECIFIC TECHNICAL DOCUMENTATION**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name : Tomasz Gutowski
Function: Corporate Standardization
and Approvals
At Warsaw on 15 November 2017

Name : Tatiana Ageyeva
Function: Standardization and Approvals
At Warsaw on 15 November 2017



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End of information as required by Regulation (EU) No 305/2011

RELATED DECLARATION OF PERFORMANCE

Product name	Harmonized technical Specification	DOP nr
Sika® Backer Rod Fire	ETAG 026	95114599


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FULL CE MARKING

			
17			
Sika Services AG, Zurich, Switzerland			
DoP No. 69992547			
ETAG 026			
Notified Body 1121			
Fire stopping and sealing product, linear gap sealing systems when used in conjunction with SikaHyflex®-250 Façade.			
Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
BWR 1 Mechanical resistance and stability :			
None	Not relevant	System 1	
BWR 2 Safety in case of fire :			
Reaction to fire (EN 13501-1)	Sika® Backer Rod Fire - A1 SikaHyflex®-250 Façade - E	System 1	ETAG 026
Resistance to fire (EN 13501-2)	Annex A	System 1	
Release of dangerous substances	Use category IA1, S/W3 Declaration of manufacturer	System 1	
General aspects relating to fitness for use :			
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Annex A

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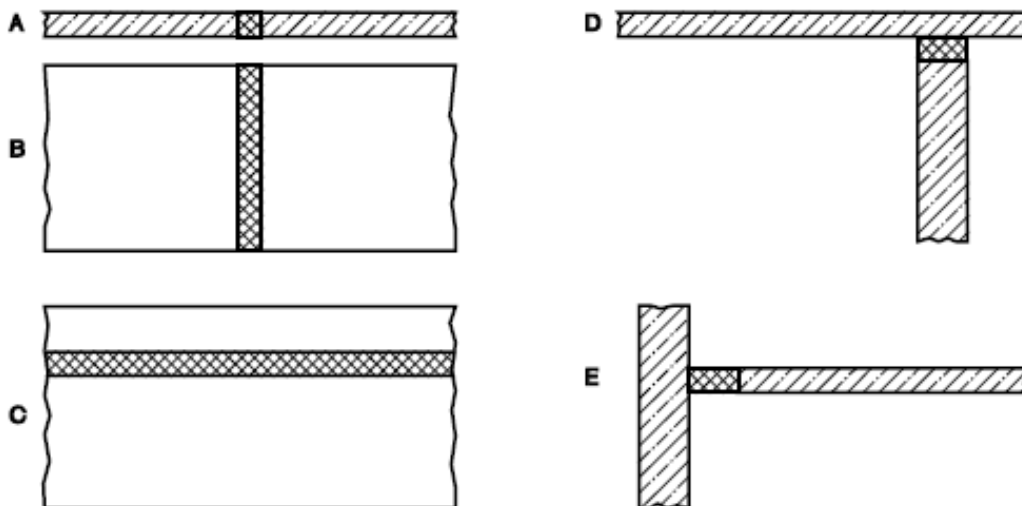
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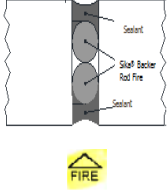
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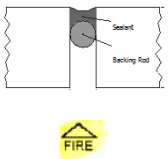
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A.1.3 Sika® Backer Rod Fire (mm) in conjunction with SikaHyflex®-250 Façade Linear Joint Seals in Rigid Floors 150 mm thick (min.) Double Seal

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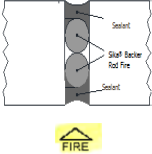
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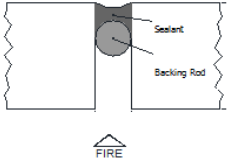
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<http://dop.sika.com>

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CE MARKING TO BE PLACED ON THE LABEL

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Sika Services AG, Zurich, Switzerland
DoP No. 69992547
ETAG 026
Notified Body 1121
For declared characteristics details see accompanying documents
http://dop.sika.com

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ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the products suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Switzerland
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