

# Sikaflex® AT Connection

## DECLARATION OF PERFORMANCE No. 22615774

<b>1</b>	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	22615774
<b>2</b>	<b>INTENDED USE/S</b>	ETA 17/0980 Fire stopping and sealing product, linear gap sealing systems when used in conjunction with Sika® Backer Rod Fire
<b>3</b>	<b>MANUFACTURER:</b>	Sika Services AG Tüffenwies 16-22 8064 Zürich
<b>4</b>	<b>AUTHORISED REPRESENTATIVE:</b>	
<b>5</b>	<b>SYSTEM/S OF AVCP:</b>	System 1
<b>6b</b>	<b>EUROPEAN ASSESSMENT DOCUMENT:</b>	ETAG 026, edition 2011
	European Technical Assessment:	ETA 17/0980
	Technical Assessment Body:	Exova (UK) Limited trading as Warrington Certification
	Notified body/ies:	1121

### Declaration of Performance

Sikaflex® AT Connection  
22615774  
2019.04 , ver. 2  
1144, 1001

## 7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
<b>BWR 1 Mechanical resistance and stability :</b>			
None	Not relevant	System 1	
<b>BWR 2 Safety in case of fire :</b>			
Reaction to fire (EN 13501-1)	Sika® Backer Rod Fire - A1 Sikaflex® AT Connection	System 1	
Resistance to fire (EN 13501-2)	Annex A	System 1	
<b>BWR 3 Hygiene, Health and the Environment :</b>			
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	
<b>BWR 4 Safety in use :</b>			
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	
<b>BWR 5 Protection against noise :</b>			
Airborne sound insulation (EN 10140-2/ EN ISO 717-1)	NPD	System 1	
<b>BWR 6 Energy, Economy and Heat Retention :</b>			
Thermal properties (EN 12664, EN 12667 or EN 12939)	NPD	System 1	
Water vapour permeability (EN ISO 12572 EN12086)	NPD	System 1	
<b>General aspects relating to fitness for use :</b>			
Durability and serviceability (EOTA TR 024:2009)	Z1	System 1	
<b>BWR 7 Sustainable use of natural resources :</b>			
	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 Sikaflex® AT Connection

#### Orientation

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

**Table 1**

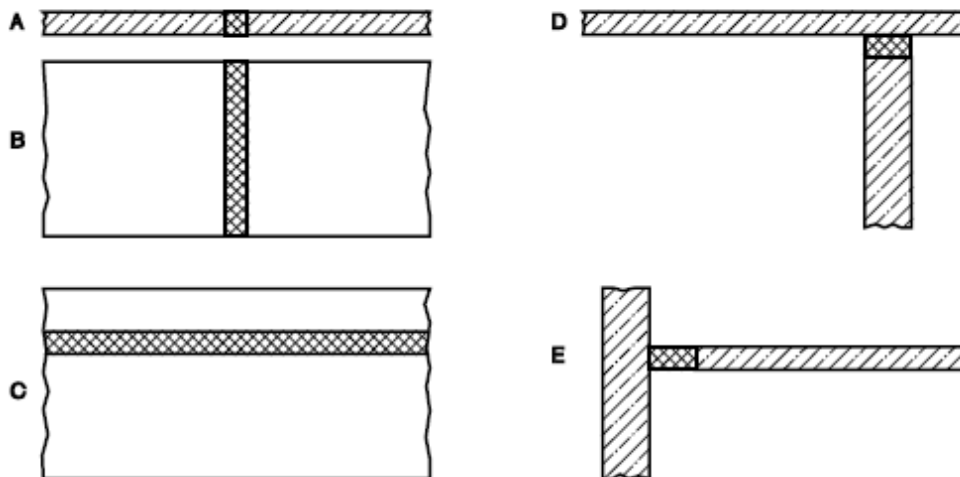
Tested orientation	Application
A	A, D, E <sup>a</sup>
B	B
C	C, D <sup>b</sup>

<sup>a</sup> 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.  
<sup>b</sup> 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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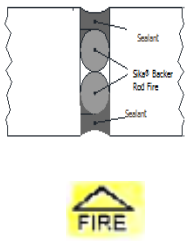
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**A.1.1 Rigid floor constructions according to 2.2.1 with floor thickness of minimum 150 mm**

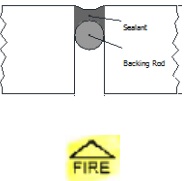
**A1.2 Linear joint or gap seal, horizontally orientated**

**A.1.5 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® AT Connection Linear Joint Seals in Rigid Floors 150 mm thick (min.) Double Seal**

Seal Orientation (A&D)	Sika® Backer Rod Fire Dia	Sikaflex® AT Connection 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 16-25.5
	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.1.6 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® AT Connection Linear Joint Seals in Rigid Floors 150 mm thick (min.) Single Seal**

Seal Orientation (A&D)	Sika® Backer Rod Fire Dia	Sikaflex® AT Connection Depth (mm)	Substrates	Classification
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	15			EI240 – H – X – F – W 9-12.75
	20			EI240 – H – X – F – W 12-17
	30			EI240 – H – X – F – W 16-25.5
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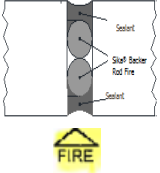
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## A.2 Rigid wall constructions according to 2.2.1 with wall thickness of minimum 120 mm

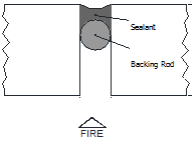
### A.2.1 Linear joint or gap seal, vertically orientated

#### A.2.4 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® AT Connection Linear Joint Seals in Rigid Walls 120 mm thick (min.) –Double Seal

Seal Orientation	Sika® Backer Rod Fire Dia	Sikaflex® AT Connection Depth (mm)	Substrates	Classification
	12	Sealant depth = width x 0.5* (2:1)	AAC-AAC	EI240 – V – X – F – W 6-10.2
	15			EI240 – V – X – F – W 9-12.75
	20			EI240 – V – X – F – W 12-17
	30			EI240 – V – X – F – W 16-25.5
	40			EI240 – V – X – F – W 24-34
	50			EI240 – V – X – F – W 32-42.5
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#### A.2.5 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® AT Connection Linear Joint Seals in Rigid Walls 120 mm thick (min.) –Single Seal

Seal Orientation	Sika® Backer Rod Fire Dia	Sikaflex® AT Connection 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
	20			E240 EI180 – V – X – F – W 12-17
	30			E240 EI180 – V – X – F – W 16-25.5
	40			E240 EI180 – V – X – F – W 24-34
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**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR -  
SPECIFIC TECHNICAL DOCUMENTATION**

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Name : Anders Beier  
Function: General Manager  
At Farum on 02 December 2019



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Name : Kristian Larsen  
Function: Head Sealing and Bonding  
At Farum on 02 December 2019



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

**RELATED DECLARATION OF PERFORMANCE**


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<b>Product Name</b>	<b>Harmonised technical specification</b>	<b>DoP Number</b>
Sikaflex® AT Connection	EN 15651-1:2012	85481985

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**Declaration of Performance**  
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## FULL CE MARKING

 17			
Sika Services AG, Zurich, Switzerland			
DoP No. 22615774			
ETAG 026			
Notified Body 1121			
Fire stopping and sealing product, linear gap sealing systems when used in conjunction with Sika® Backer Rod Fire			
Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
<b>BWR 1 Mechanical resistance and stability :</b>			
None	Not relevant	System 1	
<b>BWR 2 Safety in case of fire :</b>			
Reaction to fire (EN 13501-1)	Sika® Backer Rod Fire - A1 SikaHyflex®-250 Façade - E Sikaflex® AT Connection - E	System 1	
Resistance to fire (EN 13501-2)	Annex A	System 1	ETAG 026
<b>BWR 3 Hygiene, Health and the Environment :</b>			
Release of dangerous substances	Use category IA1, S/W3 Declaration of manufacturer	System 1	
<b>General aspects relating to fitness for use :</b>			
Durability and serviceability (EOTA TR 024:2009)	Z1	System 1	

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## Annex A

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#### 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 <sup>a</sup>
B	B
C	C, D <sup>b</sup>

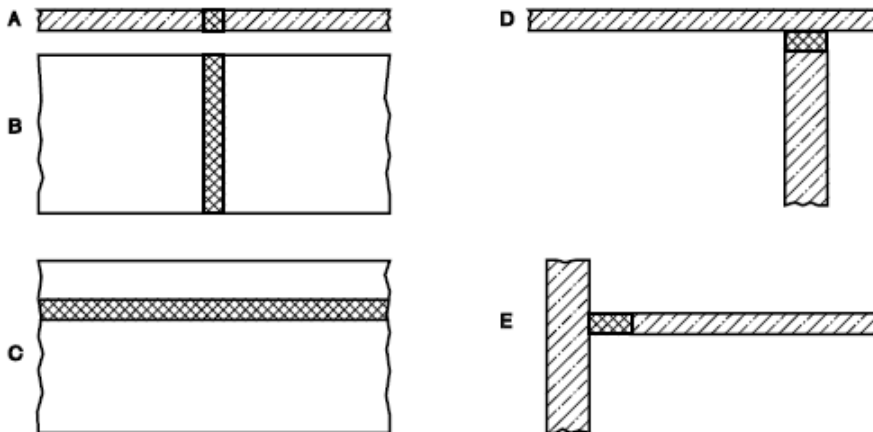
<sup>a</sup> Orientation E will only be covered by test orientation A if shear movement was chosen and one face of the joint was fixed and the other was moved.

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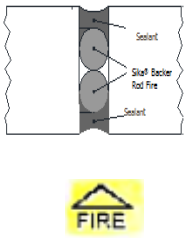
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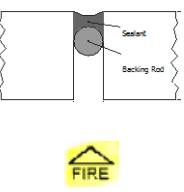
**A.1.2 Linear joint or gap seal, horizontally orientated**

**A.1.5 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® AT Connection Linear Joint Seals in Rigid Floors 150 mm thick (min.) Double Seal**

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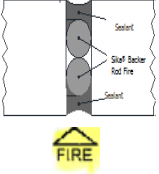
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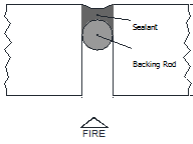
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<http://dop.sika.com>

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## CE MARKING TO BE PLACED ON THE LABEL

 17
Sika Services AG, Zurich, Switzerland
DoP No. 22615774
ETAG 026
Notified Body 1121
Fire stopping and sealing product, linear gap sealing systems when used in conjunction with Sika® Backer Rod Fire
For declared characteristics details see accompanying documents
<a href="http://dop.sika.com">http://dop.sika.com</a>

### ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

### LEGAL NOTE

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or endusers of the product have been given in good faith based on our own experiences and based of approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

#### Declaration of Performance

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3520 Farum  
Denmark  
[www.sika.dk](http://www.sika.dk)

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**12/12**

**BUILDING TRUST**

