

# Sika® Backer Rod Fire

## YTELSESERKLÆRING

### Nr. 85918081

1	<b>PRODUKTYPENS ENTYDIGE IDENTIFIKASJONSKODE:</b>	85918081
2	<b>TILSIKTET BRUKSOMRÅDE:</b>	ETA 17/0980/ EAD 350141-00-1106:2017 Fire stopping and sealing product, linear gap sealing systems when used in conjunction with Sikaflex® PRO-3
3	<b>FABRIKANT:</b>	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	<b>OPPNEVNT REPRESENTANT:</b>	
5	<b>SYSTEM FOR VURDERING OG KONTROLL AV YTEEVNE:</b>	System 1
6b	<b>EUROPEISK BEDØMMELSESDOKUMENT:</b>	EAD 350141-00-1106 FIRE STOPPING AND FIRE SEALING PRODUCTS, LINEAR JOINT AND GAP SEALS - September 2017
	Europeisk teknisk bedømmelse:	ETA 17/0980 of 25/05/2019
	Teknisk bedømmelsesorgan:	Warrington Certification Limited
	Tekniske kontrollorgan:	1121, 2812

#### Declaration of Performance

Sika® Backer Rod Fire  
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1144, 1003

## 7 ANGITT YTELSE

Product Type Sika® Backer Rod Fire lineargapsealingsystems, when used in conjunction with Sikaflex® PRO-3		Intended use: Linear Joint Seal
Basic requirement for construction work	Basic Requirement	Performance
<b>BWR 1 Mechanical resistance and stability</b>		
	None	Not relevant
<b>BWR 2 Safety in case of fire</b>		
EN 13501-1	Reaction to fire	Sika® Backer Rod Fire A1 Sikaflex® PRO-3 E
EN 13501-2	Resistance to fire	Annex A
<b>BWR 3 Hygiene, Health and the Environment</b>		
EN 1026:2000	Air permeability	NPD (No performance determined)
EAD 350141-00-1106	Water permeability	NPD (No performance determined)
Declaration by manufacturer	Release of dangerous substances	Use category IA1,S/W3 Declaration of manufacturer
<b>BWR 4 Safety in use</b>		
EOTA TR 001:2003	Mechanical resistance and stability	NPD (No performance determined)
EOTA TR 001:2003	Resistance to impact/movement	NPD (No performance determined)
EOTA TR 001:2003	Adhesion	NPD (No performance determined)
<b>BWR 5 Protection against noise</b>		
EN 10140-2/ EN ISO 717-1	Airborne sound insulation	NPD (No performance determined)
<b>BWR 6 Energy, Economy and Heat Retention</b>		
EN 126 64, EN 12667 or EN 12939	Thermal properties	NPD (No performance determined)
EN ISO 12572 EN12086	Water vapour permeability	NPD (No performance determined)
<b>General aspects relating to fitness for use</b>		
EOTA TR 024:2009	Durability and serviceability	Z1
<b>BWR 7 Sustainable use of natural resources</b>		
		NPD (No performance determined)

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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® PRO-3

#### Orientation

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

**Table 1**

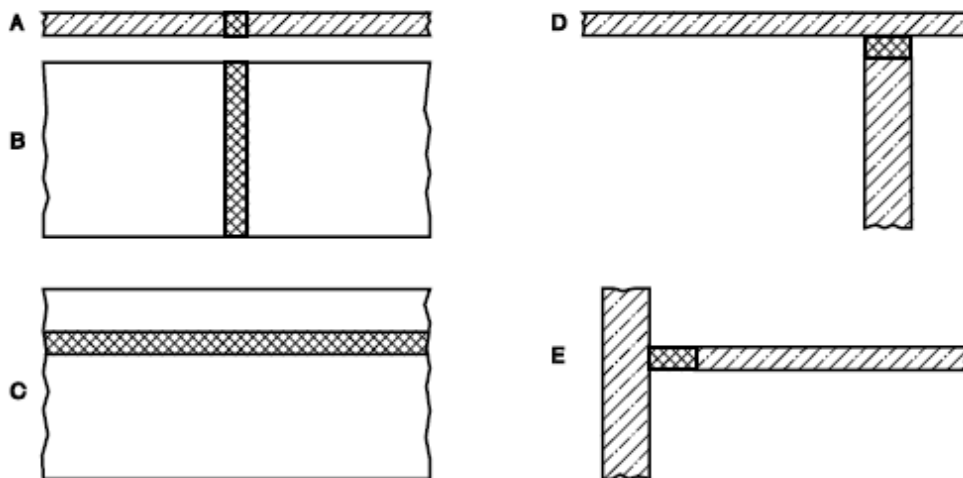
Tested orientation	Application
A	A, D, E <sup>a</sup>
B	B
C	C, D <sup>b</sup>

<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.



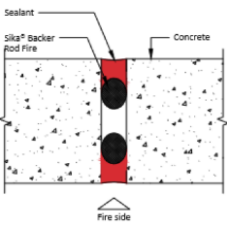
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**A.1 Rigid floor constructions according to 2.1 with floor thickness of minimum 200 mm**

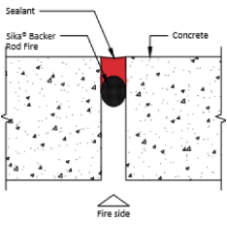
**A1.1 Linear joint or gap seal, horizontally orientated**

**A.1.1.7 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Floors 200 mm thick (min.) - Double Seal**

Seal Orientation (A&D)	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 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.1.1.8 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Floors 200 mm thick (min.) - Single Seal**

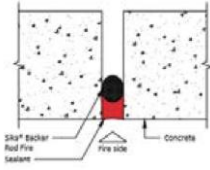
Seal Orientation (A&D)	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 Depth (mm)	Substrates	Classification
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	15			EI240 – H – X – F – W 9-12.75
	20			EI240 – H – X – F – W 12-17
	30			EI240 – H – X – F – W 16-25.5
	40			EI240 – H – X – F – W 24-34
	50			EI240 – H – X – F – W 32-42.5
	60			EI240 – H – X – F – W 39-51

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**A.1.1.9 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Floors 200 mm thick (min.) - Single Seal**

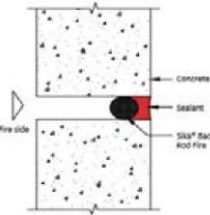
Seal Orientation (A&D)	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 Depth (mm)	Substrates	Classification
	12	Sealant depth = width x 0.8*	AAC-AAC	E240 EI60 – H – X – F – W 7-10.2
	15			E240 EI60 – H – X – F – W 9-12.75
	20			E240 EI60 – H – X – F – W 12-17
	30			E240 EI60 – H – X – F – W 16-25.5
	40			E240 EI60 – H – X – F – W 24-34
	50			E240 EI60 – H – X – F – W 32-42.5
	60			E240 EI60 – H – X – F – W 39-51

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

**A.2 Rigid wall constructions according to 2.1 with wall thickness of minimum 150 mm**

**A.2.1 Linear joint or gap seal, vertically and horizontally orientated**

**A.2.1.11 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Walls 150 mm thick (min.) – Single Seal**

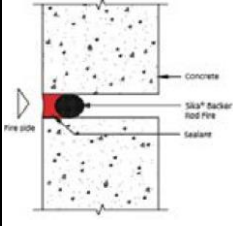
Seal Orientation	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 Depth (mm)	Substrates	Classification
	12	Sealant depth = width x 0.5* (2:1)	AAC-AAC	E240 EI180 – V – X – F – W 7-10.2
	15			E240 EI180 – V – X – F – W 9-12.75
	20			E240 EI180 – V – X – F – W 12-17
	30			E240 EI180 – V – X – F – W 16-25.5
	40			E240 EI180 – V – X – F – W 24-34
	50			E240 EI180 – V – X – F – W 32-42.5
	60			E240 EI180 – V – X – F – W 39-51

\*) Seals < 10.2mm 5mm of sealant should be applied

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**A.2.1.12 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Walls 150 mm thick (min.) – Single Seal**

Seal Orientation	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 Depth (mm)	Substrates	Classification
	12	Sealant depth = width x 0.5* (2:1)	AAC-AAC	E120 EI45 – V – X – F – W 7-10.2
	15			E120 EI45 – V – X – F – W 9-12.75
	20			E120 EI45 – V – X – F – W 12-17
	30			E120 EI45 – V – X – F – W 16-25.5
	40			E120 EI45 – V – X – F – W 24-34
	50			E120 EI45 – V – X – F – W 32-42.5
	60			E120 EI45 – V – X – F – W 39-51

\*) Seals < 10.2mm 5mm of sealant should be applied

**8 RELEVANT TEKNISK DOKUMENTASJON OG/ELLER SPESIFIKK TEKNISK DOKUMENTASJON**

Ytelsen for varen som angitt i pkt. 1 og 2, er i samsvar med ytelsen angitt i pkt. 7. Denne ytelseserklæringen er utstedt i samsvar med forskrift (EU) nr. 305/201 på eget ansvar av produsenten, som angitt i pkt. 3.

Undertegnet for og på vegne av produsenten av:

Navn: Ralph Spielmann  
Funksjon: General Manager  
Sika Norge AS  
Sted Skjetten dato: 27. juli 2020

Navn : Ingrid Kalstad  
Funksjon: Technical Manager -  
Sealing & Bonding  
Sted Skjetten dato: 27. juli 2020




Ovenstående informasjon i samsvar med krav i EU-forordning nr. 305/2011

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## RELATED DECLARATION OF PERFORMANCE

Product Name	Harmonised technical specification	DoP Number
Sika® Backer Rod Fire in conjunction with Sikaflex® AT Connection	EAD 350141-00-1106:2017	55359596
Sika® Backer Rod Fire used in conjunction with SikaHyflex®-250 Facade	EAD 350141-00-1106:2017	47653389

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## FULL CE MARKING

 19
Sika Services AG, Zürich, Switzerland
85928081
EAD 350141-00-1106:2017
1121, 2812
Fire stopping and sealing product, linear gap sealing systems when used in conjunction with Sikaflex® PRO-3

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Product Type Sika® Backer Rod Fire lineargap sealingsystems, when used in conjunction with Sikaflex® PRO-3		Intended use: Linear Joint Seal
Basic requirement for construction work	Basic Requirement	Performance
<b>BWR 1 Mechanical resistance and stability</b>		
	None	Not relevant
<b>BWR 2 Safety in case of fire</b>		
EN 13501-1	Reaction to fire	Sika® Backer Rod Fire A1 Sikaflex® PRO-3 E
EN 13501-2	Resistance to fire	Annex A
<b>BWR 3 Hygiene, Health and the Environment</b>		
EN 1026:2000	Air permeability	NPD (No performance determined)
EAD 350141-00-1106	Water permeability	NPD (No performance determined)
Declaration by manufacturer	Release of dangerous substances	Usecategory IA1,S/W3 Declaration of manufacturer
<b>BWR 4 Safety in use</b>		
EOTA TR 001:2003	Mechanical resistance and stability	NPD (No performance determined)
EOTA TR 001:2003	Resistance to impact/movement	NPD (No performance determined)
EOTA TR 001:2003	Adhesion	NPD (No performance determined)
<b>BWR 5 Protection against noise</b>		
EN 10140-2/ EN ISO 717-1	Airborne sound insulation	NPD (No performance determined)
<b>BWR 6 Energy, Economy and Heat Retention</b>		
EN 126 64, EN 12667 or EN 12939	Thermal properties	NPD (No performance determined)
EN ISO 12572 EN12086	Water vapour permeability	NPD (No performance determined)
<b>General aspects relating to fitness for use</b>		
EOTA TR 024:2009	Durability and serviceability	Z1
<b>BWR 7 Sustainable use of natural resources</b>		
		NPD (No performance determined)

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## Annex A

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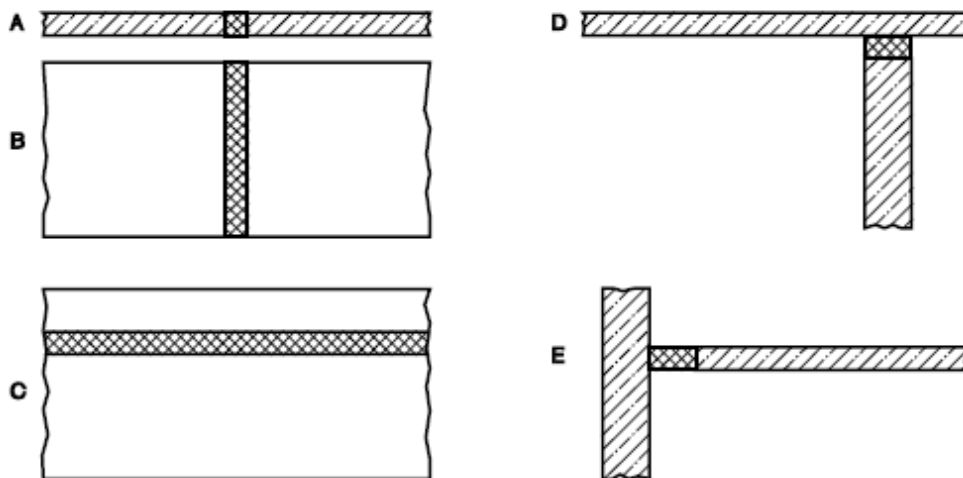
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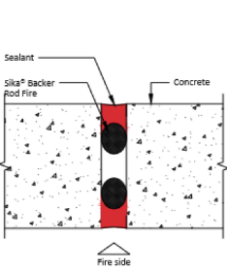
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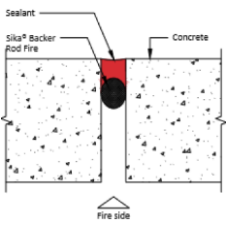
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**A.1.1.7 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Floors 200 mm thick (min.) - Double Seal**

Seal Orientation (A&D)	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 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.1.1.8 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Floors 200 mm thick (min.) - Single Seal**

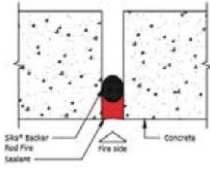
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**A.1.1.9 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Floors 200 mm thick (min.) - Single Seal**

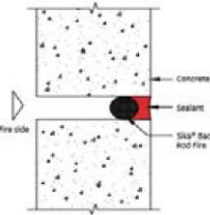
Seal Orientation (A&D)	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 Depth (mm)	Substrates	Classification
	12	Sealant depth = width x 0.8*	AAC-AAC	E240 EI60 – H – X – F – W 7-10.2
	15			E240 EI60 – H – X – F – W 9-12.75
	20			E240 EI60 – H – X – F – W 12-17
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**A.2 Rigid wall constructions according to 2. 1 with wall thickness of minimum 150 mm**

**A.2.1 Linear joint or gap seal, vertically and horizontally orientated**

**A.2.1.11 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Walls 150 mm thick (min.) – Single Seal**

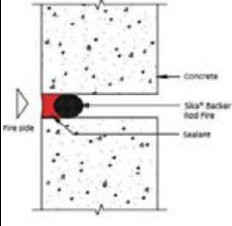
Seal Orientation	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 Depth (mm)	Substrates	Classification
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	15			E240 EI180 – V – X – F – W 9-12.75
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**A.2.1.12 Sika® Backer Rod Fire (mm) in conjunction with Sikaflex® PRO-3 Linear Joint Seals in Rigid Walls 150 mm thick (min.) – Single Seal**

Seal Orientation	Sika® Backer Rod Fire Dia	Sikaflex® PRO-3 Depth (mm)	Substrates	Classification
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[dop.sika.com](http://dop.sika.com)

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## CE MARKING TO BE PLACED ON THE LABEL

 19
Sika Services AG, Zürich, Switzerland
85928081
EAD 350141-00-1106:2017
1121, 2812
Fire stopping and sealing product, linear gap sealing systems when used in conjunction with Sikaflex® PRO-3
For declared characteristics details see accompanying documents
<a href="http://dop.sika.com">dop.sika.com</a>

### HELSE, MILJØ OG SIKKERHETS INFORMASJON (REACH)

Brukere skal alltid forholde seg til sist oppdaterte versjon av produktdatablad og HMS-datablad for det aktuelle produktet. Kopier av gjeldende versjoner finnes på Sika Norges nettsider: [www.sika.no](http://www.sika.no).

### PRODUKTANSVAR:

Denne informasjonen og i særdeleshet anbefalingene i forbindelse med anvendelse av Sika-produkter er gitt i god tro, basert på Sikas innværende kunnskap og erfaring med produktene når de er riktig lagret, behandlet og anvendt under normale forhold. I praksis vil forskjellene i materialer, underlag og lokale forhold være av en slik karakter at verken denne informasjonen, andre skriftlige anbefalinger eller noen annen form for råd kan innebære noen garanti med hensyn til det bearbejdede produktets omsetnings-potensial eller egnethet for et bestemt formål, ei heller noen annen form for juridisk ansvar. Tredjeparts eiendomsrett må respekteres. Enhver ordre aksepteres i henhold til Sikas gjeldende salgs- og leverings-betingelser. Brukere skal alltid forholde seg til sist oppdaterte versjon av produktdatablad og HMS-datablad for det aktuelle produktet. Kopier av gjeldende versjoner finnes på Sika Norges nettsider.

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**Sika Norge AS**  
Sanitetsveien 1  
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Norway  
[www.sika.no](http://www.sika.no)

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**15/15**

**BUILDING TRUST**

