

Sika® Backer Rod Fire

DECLARATION OF PERFORMANCE No. 21205248

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT- TYPE:	21205248
2	INTENDED USE/S	Fire Stopping and Sealing Product. Linear Joint and Gap Seals
3	MANUFACTURER:	Sika Services AG Tüffenwies 16 8064 Zürich, Switzerland
5	SYSTEM/S OF AVCP:	System 1
6b	EUROPEAN ASSESSMENT DOCUMENT:	EAD 350141-00-1106:2017
	European Technical Assessment:	ETA 23/0088 of 31/03/2023
	Technical Assessment Body:	UL International (Netherlands) B.V.
	Notified body/ies:	2821

Declaration of Performance

Sika Backer Rod Fire

21205248

2023.05, ver. 3

1318

7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Reaction to fire*	A1	System 1	EAD 350141-00-1106:2017
Resistance to fire	Annex A	System 1	
Content, emission and/or release of dangerous substances	NPD	System 1	
Air permeability (material property)	NPD	System 1	
Water permeability (material property)	NPD	System 1	
Mechanical resistance and stability	NPD	System 1	
Resistance to impact/movement	NPD	System 1	
Adhesion	NPD	System 1	
Durability	x	System 1	
Movement capacity	NPD	System 1	
Cycling of perimeter seals for curtain walls	NPD	System 1	
Compression set	NPD	System 1	
Linear expansion on setting	NPD	System 1	
Airborne sound insulation	NPD	System 1	
Thermal properties	NPD	System 1	
Water vapour permeability	NPD	System 1	

*Sika Backer Rod Fire only, where additional sealants are used, this will affect the reaction to fire class and data for the sealant needs to be consulted.

Declaration of Performance

Sika Backer Rod Fire
21205248
2023.05 , ver. 3
1318

Annex A - Resistance to Fire Classification – Sika Backer Rod Fire

A.1 Rigid wall and floor constructions with thickness of minimum 150 mm

A.1.1 Vertical joint seals between walls

Sika Backer Rod Fire linear joint seals in/between rigid walls 150 mm or thicker and density $\geq 760 \text{ kg/m}^3$ in the following configurations:

Configuration V1: Double seal	Configuration V2: Single seal unexposed side
Configuration V3: Single seal, any position within the wall	Configuration V4: Sika Backer Rod Fire + sealant* on any side and PE backer rod + sealant* on the opposite side

*Sika Backer Rod Fire can be combined with any Sika sealant including Sika owned brands.

A.1.1.1.

Configuration	Classification
V1	EI 240 - V - X - F - W 7-51
V2	E 240 - V - X - F - W 7-51 EI 120 - V - X - F - W 7-51
V3	E 240 - V - X - F - W 7-51 EI 20 - V - X - F - W 7-51
V4	E 240 - V - X - F - W 7-51 EI 120 - V - X - F - W 7-51

Declaration of Performance

Sika Backer Rod Fire

21205248

2023.05 , ver. 3

1318

A.1.2. Horizontal joint seals in walls

Sika Backer Rod Fire linear joint seals in/between rigid walls 150 mm or thicker and density $\geq 760 \text{ kg/m}^3$ in the following configurations:

<p>Configuration T1: Double seal</p>	<p>Configuration T2: Single seal unexposed side</p>
<p>Configuration T3: Single seal, any position within the wall</p>	<p>Configuration T4: Sika Backer Rod Fire + sealant* on any side and PE backer rod + sealant* on the opposite side</p>
<p>Configuration T5: Double backer rod, single seal. Any position within the wall</p>	

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A.1.2.1

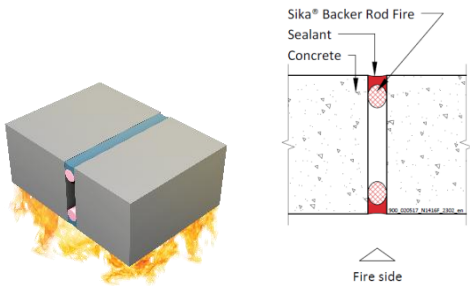
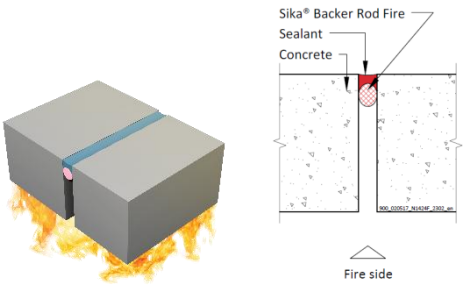
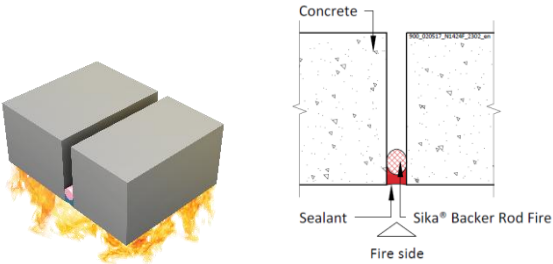
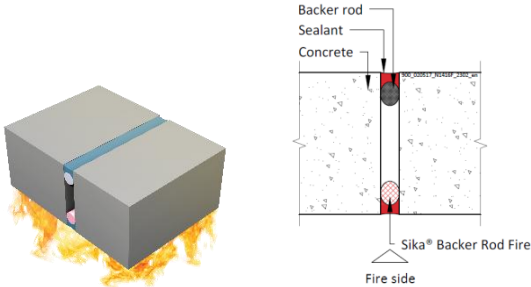
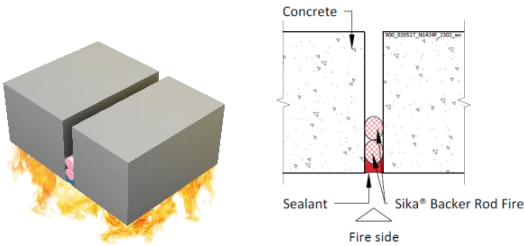
Configuration	Classification
T1	EI 180 - T - X - F - W 7-51
T2	E 240 - T - X - F - W 7-51 EI 90 - T - X - F - W 7-51
T3	E 120 - T - X - F - W 7-51 EI 20 - T - X - F - W 7-51
T4	E 180 - T - X - F - W 7-51 EI 90 - T - X - F - W 7-51
T5	E 180 - T - X - F - W 7-51 EI 60 - T - X - F - W 7-51

Declaration of Performance

Sika Backer Rod Fire
21205248
2023.05 , ver. 3
1318

A.1.3. Horizontal joint seals in floors

Sika Backer Rod Fire linear joint seals in/between rigid floors and walls 150 mm or thicker and density ≥ 760 kg/m³ in the following configurations:

	
<p>Configuration H1: Double seal</p>	<p>Configuration H2: Single seal unexposed side</p>
	
<p>Configuration H3: Single seal, any position within the floor</p>	<p>Configuration H4: Sika Backer Rod Fire + sealant* on any side and PE backer rod + sealant* on the opposite side</p>
	
<p>Configuration H5: Double backer rod, single seal. Any position within the floor</p>	

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A.1.3.1

Configuration	Classification
H1	EI 180 - H - X - F - W 7-51
H2	E 240 - H - X - F - W 7-51 EI 90 - H - X - F - W 7-51
H3	E 120 - H - X - F - W 7-51 EI 20 - H - X - F - W 7-51
H4	E 180 - H - X - F - W 7-51 EI 90 - H - X - F - W 7-51
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Declaration of Performance


Sika Backer Rod Fire
21205248
2023.05 , ver. 3
1318

**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.

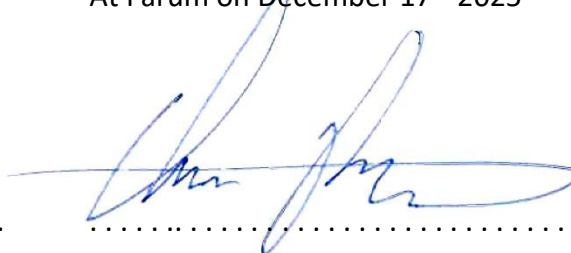
Signed for and on behalf of the manufacturer by:

Name: Anders Beier
Function: General Manager
At Farum on December 17th 2025



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Name: Stan Petersen
Function: Head Distribution
At Farum on December 17th 2025



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

Declaration of Performance

Sika Backer Rod Fire

21205248

2023.05 , ver. 3

1318

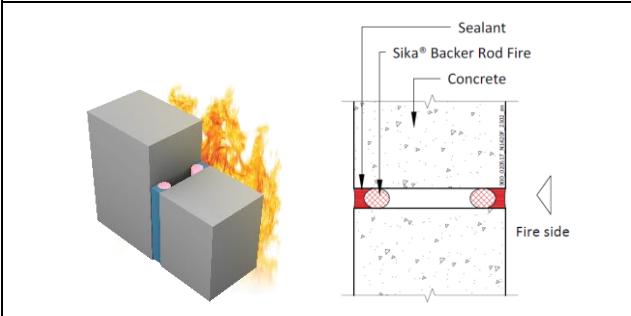
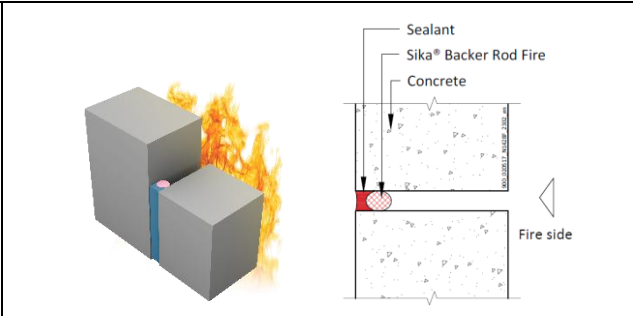
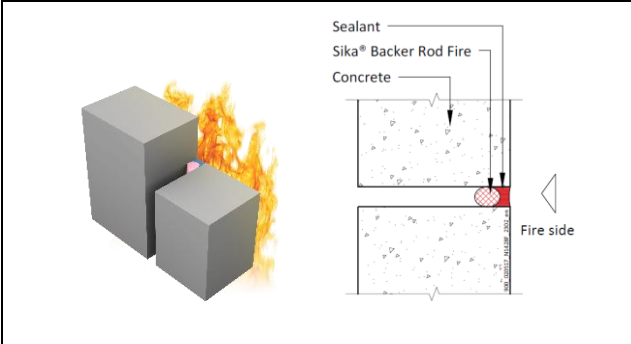
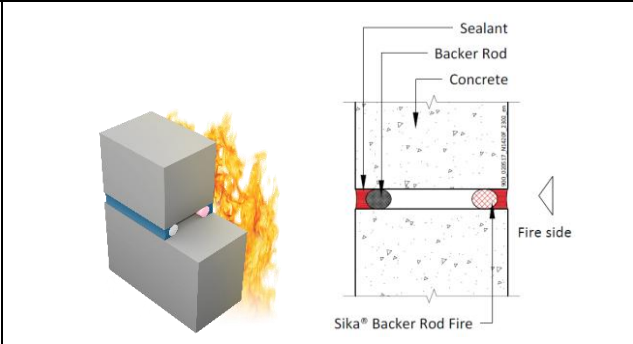
Full CE marking

<div>CE</div> <div>20</div>	
Sika Services AG, Zurich, Switzerland	
DoP No. 21205248	
Reaction to fire*	A1
Resistance to fire	Annex A

Annex A - Resistance to Fire Classification – Sika Backer Rod Fire

A.1 Rigid wall and floor constructions with thickness of minimum 150 mm

A.1.1 Vertical joint seals between walls

Sika Backer Rod Fire linear joint seals in/between rigid walls 150 mm or thicker and density $\geq 760 \text{ kg/m}^3$ in the following configurations:	
	
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Declaration of Performance

Sika Backer Rod Fire
21205248
2023.05 , ver. 3
1318

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Configuration	Classification
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V3	E 240 - V - X - F - W 7-51 EI 20 - V - X - F - W 7-51
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Declaration of Performance

Sika Backer Rod Fire

21205248

2023.05 , ver. 3

1318

A.1.2. Horizontal joint seals in walls

Sika Backer Rod Fire linear joint seals in/between rigid walls 150 mm or thicker and density $\geq 760 \text{ kg/m}^3$ in the following configurations:

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<p>Configuration T3: Single seal, any position within the wall</p>	<p>Configuration T4: Sika Backer Rod Fire + sealant* on any side and PE backer rod + sealant* on the opposite side</p>
<p>Configuration T5: Double backer rod, single seal. Any position within the wall</p>	

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A.1.2.1

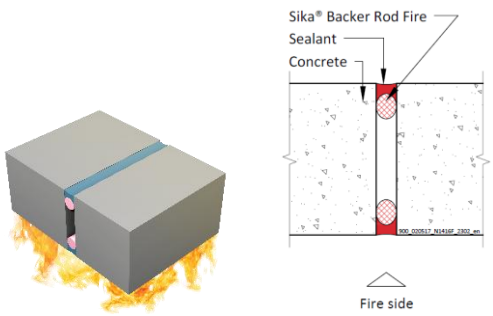
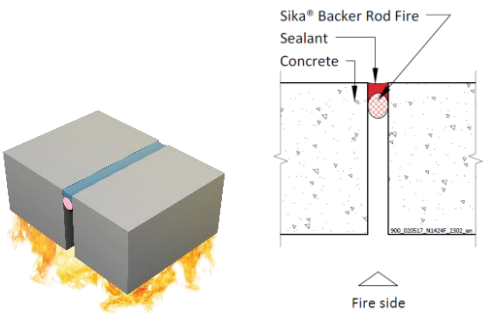
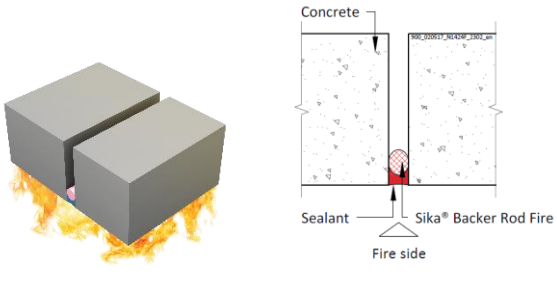
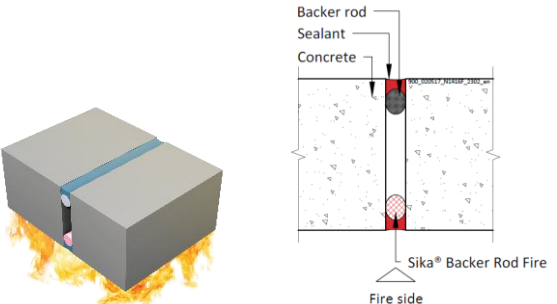
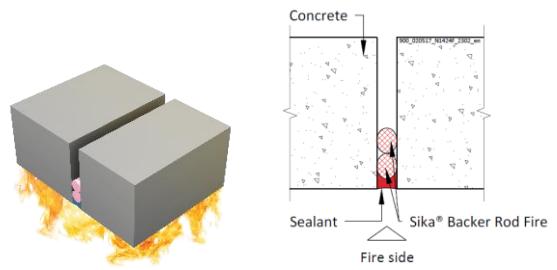
Configuration	Classification
T1	EI 180 - T - X - F - W 7-51
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T3	E 120 - T - X - F - W 7-51 EI 20 - T - X - F - W 7-51
T4	E 180 - T - X - F - W 7-51 EI 90 - T - X - F - W 7-51
T5	E 180 - T - X - F - W 7-51 EI 60 - T - X - F - W 7-51

Declaration of Performance

Sika Backer Rod Fire
21205248
2023.05 , ver. 3
1318

A.1.3. Horizontal joint seals in floors

Sika Backer Rod Fire linear joint seals in/between rigid floors and walls 150 mm or thicker and density ≥ 760 kg/m³ in the following configurations:

 <p>Configuration H1: Double seal</p>	 <p>Configuration H2: Single seal unexposed side</p>
 <p>Configuration H3: Single seal, any position within the floor</p>	 <p>Configuration H4: Sika Backer Rod Fire + sealant* on any side and PE backer rod + sealant* on the opposite side</p>
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Declaration of Performance

Sika Backer Rod Fire
21205248
2023.05 , ver. 3
1318


A.1.3.1

Configuration	Classification
H1	EI 180 - H - X - F - W 7-51
H2	E 240 - H - X - F - W 7-51 EI 90 - H - X - F - W 7-51
H3	E 120 - H - X - F - W 7-51 EI 20 - H - X - F - W 7-51
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H5	E 180 - H - X - F - W 7-51 EI 60 - H - X - F - W 7-51

EAD 350141-00-1106:2017
Notified Body 2821
Fire Stopping and Sealing Product. Linear Joint and Gap Seals

<http://dop.sika.com>

CE MARKING TO BE PLACED ON THE LABEL

 20
Sika Services AG, Zurich, Switzerland
DoP No. 21205248
For declared characteristics details see accompanying documents
EAD 350141-00-1106:2017
Notified Body 2821
Fire Stopping and Sealing Product. Linear Joint and Gap Seals

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Declaration of Performance

Sika Backer Rod Fire
21205248
2023.05 , ver. 3
1318

ECOLOGY, HEALTH, AND SAFETY INFORMATION (REACH)

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data..

LEGAL NOTE

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product have been given in good faith based on our own experiences and based on 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 effected 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.

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Declaration of Performance

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21205248
2023.05 , ver. 3
1318