



SIKA[®] BACKER ROD FIRE

Fire resistant mineral wool based backer rod system for linear seals



**PROFESSIONAL
FIRE PROTECTION**

BUILDING TRUST



Sika® Backer Rod Fire

Fire resistant mineral wool based backer rod system for linear seals



PASSIVE FIRE PROTECTION
AUSTRALIAN RANGE



Description

Sika® Backer Rod Fire is a workable, fire resistant, high density mineral wool fibre backing material, wrapped with a glass-fibre yarn. For approved interior and exterior joints in walls and floors. Sika® Backer Rod Fire is used in combination with SikaHyflex®-250 Facade.

Uses

- Larger joint sealing up to 50mm in horizontal and vertical building structures.
- Linear seals in fire compartments like stair cases, industrial facilities, warehouses, etc.
- Used in conjunction with SikaHyflex®-250 Facade.

Advantages

- Adapts all irregularities of the joint
- Up to 4 hours fire resistance
- Efficient application from rolls

Approvals, Certificates

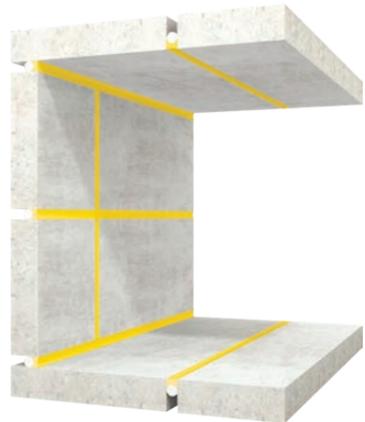
- AS1530.4
- ETA acc. EAD-350141-00-1106
- EN 1366-4
- EN 13501-2
- UL EU

Packaging

- 7 different diameters on rolls
- 25 - 50 m per roll, depending on diameter

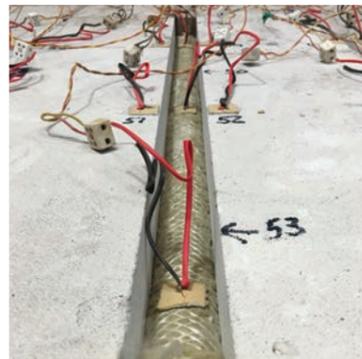
Colours

- Green



Joint Width	Diameter Sika Backer Rod Fire
7 - 10.2 mm	12 mm
9 - 12.7 mm	15 mm
12 - 17 mm	20 mm
16 - 25.5 mm	30 mm
24 - 34 mm	40 mm
32 - 42.5 mm	50 mm
40 - 51 mm	60 mm

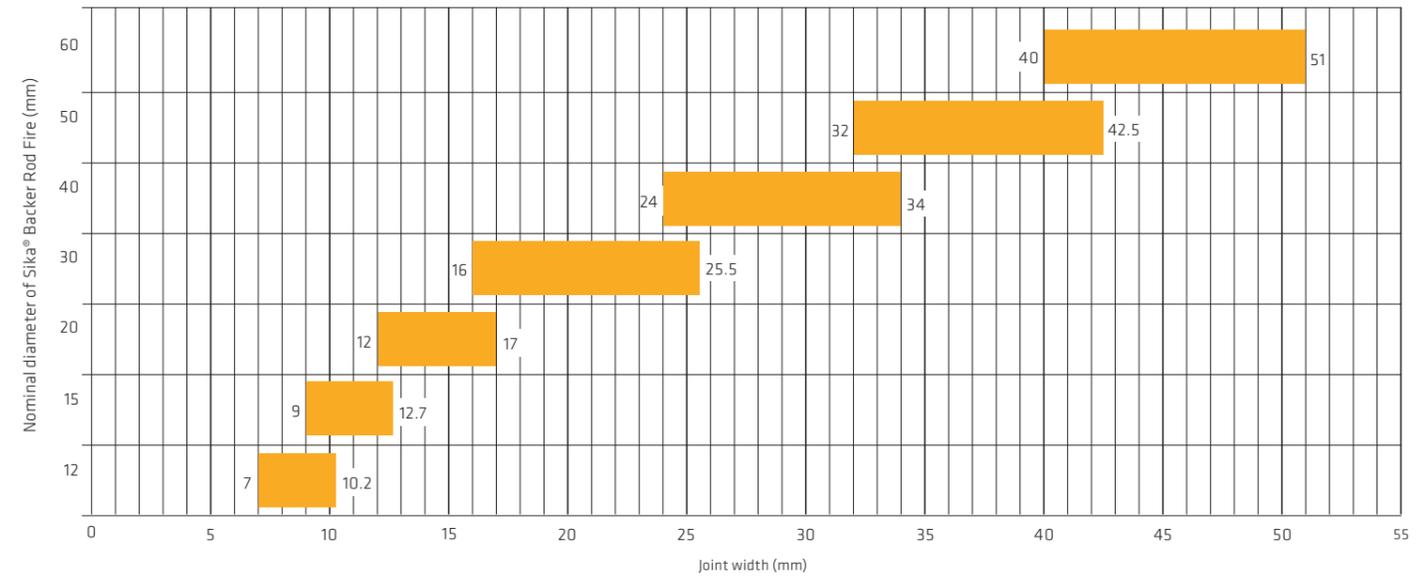
Joints need to be deep enough to accommodate appropriate size Sika® Backer Rod Fire, plus sealant depth.



Sika® Backer Rod Fire is available in seven different nominal diameters (see y-axis of the diagram) Refer to the number at the right edge of the yellow bar in the diagram, as each diameter of Sika® Backer Rod Fire may only be used for nominal joint widths below this value. The number at the left edge of the bar refers to the lower nominal

joint width limit, since Sika® Backer Rod Fire can only be compressed to a certain degree. For example, for a nominal 50 mm diameter Sika® Backer Rod Fire, the lower limit threshold joint width is 32 mm and the maximum joint width is 42.5 mm.

Use of Sika® Backer Rod Fire depending on the joint width



Rigid Walls

Assistance to fire of linear seals in **rigid walls*** (wall thickness ≥ 150 mm) sealed with Sika® Backer Rod Fire combined with SikaHyflex®-250 Facade, or Sikaflex® PRO-3. Assessment acc. AS 1530.4.

Sealant	Config.	Joint width (mm)	Joint depth (mm)	FRL
SikaHyflex®-250 Facade	1	7 - 51	0.5 x width	-/240/240
	2	7 - 51	0.5 x width	-/240/180
	3	7 - 51	0.5 x width	-/240/120

* Brickwork, concrete or aerated concrete with a density ≥ 760 kg/m³

CONFIGURATIONS



1. Double seal 2. Single seal, unexposed side 3. Single seal, exposed side

Rigid Floors

Resistance to fire of linear joints in **rigid floors*** (floor thickness ≥ 200 mm) sealed with Sika® Backer Rod Fire combined with SikaHyflex®-250 Facade or Sikaflex® PRO-3. Assessment acc. AS 1530.4.

Sealants	Config.	Joint width (mm)	Joint depth (mm)	FRL
SikaHyflex®-250 Facade	1	7 - 51	0.8 x width	-/240/240
	2	7 - 51	0.8 x width	-/240/240
	3	7 - 51	0.8 x width	-/180/120

CONFIGURATIONS

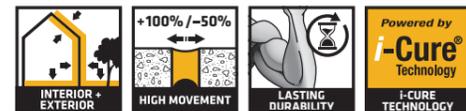


1. Double seal 2. Single seal, unexposed side 3. Single seal, exposed side

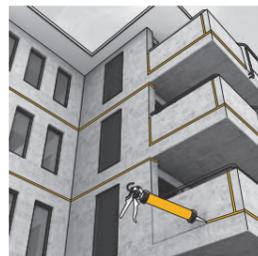
Compatible with:

SIKAHYFLEX®-250 FACADE

High-performance, professional, joint sealant



SikaHyflex®-250 Facade is a one-component, High Performance, moisture curing, low modulus joint sealant. Specifically designed for high durability and reduced stress on substrates SikaHyflex®-250 Facade provides excellent workability, great adhesion and is solvent free.



APPLICATIONS & SUBSTRATES

SikaHyflex®-250 Facade is designed for:

- Connection joints in building envelopes
- Facades

Packaging

600 ml SSG

Colours

- White
- Grey
- Black



WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, flooring as well as roofing and waterproofing systems.

HEAD OFFICE

55 Elizabeth Street
Wetherill Park, NSW 2164
P: (02) 9725 1145
F: (02) 9725 2605

VICTORIA

33 Fiveways Boulevard
Keysborough, VIC 3173
P: (03) 9797 0600
F: (03) 9797 0666

NEW SOUTH WALES

122 Newton Road
Wetherill Park, NSW 2164
P: (02) 9725 1700
F: (02) 9756 5001

SOUTH AUSTRALIA

28 Kenworth Road
Gepps Cross, SA 5094
P: (08) 8162 9055
F: (08) 8162 9009

QUEENSLAND

30 Parker Court
Pinkenba, QLD 4008
P: (07) 3633 9222
F: (07) 3633 9200

SOUTH AUSTRALIA

1-2/28 Maxwell Road
Para Hills West, SA 5096
P: (08) 8349 4955
F: (08) 8349 7061

QUEENSLAND

70 Platinum Street
Crestmead, QLD 4132
P: (07) 3489 3000
F: (07) 3489 3099

WESTERN AUSTRALIA

61 Bushland Ridge
Bibra Lake, WA 6163
P: (08) 9395 5300
F: (08) 9395 5399