

Sika BlackSeal®-1

Bitumen based joint sealant

Positioning

Description

Bitumen based one-component joint sealant.

Uses

- Sealing joints around chimneys, skylights, etc.
- Sealing of cracks and holes in bitumen felt roofs, and in bitumen roofing and tanking membranes.
- Repairs to roofs and gutters.

Advantages

- Bonds to many substrates such as concrete, masonry, wood, metal, bitumen coatings, polymer bitumen roofing felts, etc.
- Does not require a primer.
- Ready to use, easy to handle.
- Can be applied on damp non-porous substrates.

Product Data

Chemical basis:

Bitumen based, moisture curing

Colour:

Black

Packaging:

300 ml cartridges (12 cartridges per box)

Storage & Shelf Life:

Twelve (12) months from date of production when stored in unopened original containers in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C.

Technical Data

Density:

1.3 kg/l

Skinning time:

Tack free after approximately 15 minutes

Curing rate:

Approx. 2mm after 24 hours (23°C / 50% R.H.)
Approx. 4mm after 3 days (23°C / 50% R.H.)

Movement capability:

5%

Solids content:

85%

Sag flow:

< 3 mm

Application temperature:

Min. +5°C; Max. +40°C (substrate and ambient temperatures)
Product will be more difficult to apply in cold temperatures

Service temperature:

-20°C to +70°C (dry heat)

Application Conditions

Surface Preparation

- Substrates should be sound, clean and free of all surface contaminants including dust, laitance, loose particles, oil and grease.

Application

- For straight neat joint edges, protect joint sides with masking tape.
- Apply joint sealant with hand or air pressure gun, avoiding air entrapment.
- Finish sealant slightly concave, using spatula.
- Smooth if required, using clean water to which a few drops of synthetic detergent have been added.
- Remove masking tape while sealant is still soft and before sealant starts to cure.

Cleaning of Tools

Clean all tools and application equipment with Sika Thinner C immediately after use. Hardened/cured material can only be mechanically removed.



Notes on Application / Limitations	<ul style="list-style-type: none"> Do not use Sika BlackSeal-1 in submerged joints. Refer to the "Sikaflex Elastomeric Sealants" data sheet, for information on joint design and calculation of joint movement.
Notes	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
Health & Safety Information	
Protective Measures	<ul style="list-style-type: none"> To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work. Local regulations as well as health and safety advice on packaging labels must be observed. For further information refer to the Sika Material Safety Data Sheet which is available on request. If in doubt always follow the directions given on the pack or label.
Legal Notes	<p>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 product's 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.</p>



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