

PRODUCT DATA SHEET

Sika BlackSeal® Brick

One-part, flexible, solvent-free, polymer modified bitumen emulsion coating

DESCRIPTION

Sika BlackSeal® Brick is a one-part, solvent-free, flexible coating, based on a polymer modified bitumen emulsion.

USES

- Waterproofing of all types of below and above ground concrete and brick structures to protect against the penetration of water or damp in a thin coating
- As a primer for bituminous coatings on concrete, mortar and brick substrates (normally thinned with water)

CHARACTERISTICS / ADVANTAGES

- Applied by brush, roller or airless spray
- Supplied ready to use
- Non-sag on vertical surfaces
- Remains flexible at low temperature
- Solvent free, non-flammable
- Can be applied on dry and slightly damp surfaces
- Not resistant against UV light

PRODUCT INFORMATION

Chemical Base	Polymer modified Bitumen Emulsion
Packaging	5ltr and 20Ltr metal containers
Colour	Brown/Black Liquid
Shelf Life	12 months from date of production
Storage Conditions	Store properly in unopened and undamaged original sealed packaging. Store in dry conditions between +5°C to +35°C.
Density	1.05 kg/l
Solid content by volume	~ 58%

APPLICATION INFORMATION

Consumption	~ 0.15ltr/m ² for priming, when thinned with water (mixing ratio 1 : 2) ~ 0.50ltr/m ² for first coat, then ~ 0.25ltr/m ² (subsequent coats)
Ambient Air Temperature	+5°C min. / +40°C max.
Substrate Temperature	+5°C min. / +35°C max.
Substrate Moisture Content	Slightly damp - no standing water.
Drying Time	Surface - dry after 3 approximately hours at +20°C. Dependent on the ambient temperature, substrate temperature, relative humidity and the thickness of the coating applied.
Waiting Time / Overcoating	Before a second coat: 3 - 4 hours. Dependent on the ambient temperature, substrate temperature, relative humidity and the thickness of coating applied. Protect the freshly applied coating for min. 24 hours from frost

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Substrate must be uniform, dry, free of dust, oil or grease and loose or friable particles. Surface defects, voids, honeycombing, etc. in the concrete must be repaired with suitable Sika mortars before coating.

SUBSTRATE PREPARATION

Repair damaged bituminous substrates before application

Rinse concrete surfaces with clean water.

Clean contaminated substrates by appropriate means, including steam cleaning, high pressure water jetting, etc. to achieve a suitable substrate surface quality as outlined above.

APPLICATION METHOD / TOOLS

Spray Application: Use airless spray equipment for high viscous liquids with a feed pressure of ~ 4 bar
Pressure at gun ~ 2.5 bar
Apply in one coat
Do not mix the product with other materials

Manual Application Apply by brush or roller

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened Sika BlackSeal® Brick must be removed by mechanical means

FURTHER DOCUMENTS

- This product is not generally suitable on its own for waterproofing against hydrostatic pressure.
- Do not apply the product during rain.
- Protect freshly applied material from rain, etc. until hardened.
- Warm the product before use in cold weather.

BASIS OF PRODUCT DATA

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.

ECOLOGY HEALTH AND SAFETY

LEGAL NOTES

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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Product Data Sheet
Sika BlackSeal® Brick
September 2020, Version 02.02
020706301000000150

SikaBlackSealBrick-en-ZA-(09-2020)-2-2.pdf