

# PRODUCT DATA SHEET

## SikaBit®-1

### Bonding Slurry for Waterproofing Membrane SikaBit® W-15

#### DESCRIPTION

SikaBit®-1 is a one component, cementitious, polymer modified mortar used for adhesion of waterproofing membrane SikaBit® W-15.

#### USES

Uses for fixing of waterproofing membrane SikaBit® W-15.

#### CHARACTERISTICS / ADVANTAGES

- One component system requiring only the addition of clean water
- Easy application with brush, roller, trowel
- Excellent bonding to concrete and SikaBit® W-15 membrane
- High mechanical strength
- Non- toxic

#### PRODUCT INFORMATION

Packaging	25 kg bag
Shelf life	Min. 6 months if stored properly in unopened, original packaging
Storage conditions	Dry, cool, shaded place
Colour	Powder / Grey

#### SYSTEM INFORMATION

System Structure	Density	~ 1.50 kg/l (bulk density of powder) ~ 1.94 kg/l (density of fresh mortar)
	Mixing ratio	~ 8.75 L of clean water per 25 kg bag Special notes: <i>for post application of SikaProof-808 membrane, the mixing ratio is approx. 5.5 - 6.5 L of clean water per 25 kg bag.</i>
	Consumption	~ 2.0–3.0 kg/m <sup>2</sup> (depending on the surface structure of the substrate)
	Pot life	~ 30 min (at 27 °C / 65 % r.h)

#### APPLICATION INFORMATION

Substrate Temperature	Minimum 6 °C Maximum 40 °C
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## 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.

## ECOLOGY, HEALTH AND SAFETY

**Ecology:** Do not dispose into water or soil.

**Transportation class:** Non hazardous

**Waste disposal:** According to local law

**Important notes:** SikaBit®-1 contains cement and is therefore alkaline. Suitable precautions should be taken to minimize direct contact with the skin. Should the material enter the eyes, rinse immediately with clean water and seek medical attention.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

*Concrete:*

All concrete and mortar substrate must be sound, clean and free from oil, grease and surface contaminants. All loose materials and surface laitance must be removed. For large areas, grit or grit-water blasting or scabbling is recommended.

### MIXING

SikaBit®-1 should be mechanically mixed in a clean container using a low-speed electric mixers (max. 500 rpm).

Fill sufficient clean water into a small clean container. Add SikaBit®-1 to the container and mix thoroughly until homogeneous mortar is achieved. Always ensure that there are no lumps in the mix.

If a mix has thickened due to delayed application, do not dilute further with water.

This should be discarded.

### APPLICATION

*As a bonding slurry:*

Apply by brush, roller or trowel to the prepared (pre-wetted) substrate.

### CLEANING OF TOOLS

Remove non-hardened SikaBit®-1 products from tools and equipment with water.

Hardened material can only be removed mechanically.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## 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.

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#### Product Data Sheet

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