

## PRODUCT DATA SHEET

# Sika® Waterproofing Liquid

### WATERPROOFING ADMIXTURE FOR MORTAR WITH EXTENDED WORKABILITY

#### DESCRIPTION

Ready-to-use liquid waterproofing compound which reacts with the constituents of sand: cement mix to block capillaries and pores in concrete. Whilst effective blocking the passage of water, the substrate still continues to breath.

#### USES

Sika® Waterproofing Liquid forms the basis for the Sika render system which is most suitable for the waterproofing of masonry structures and mortar where hydrostatic pressure is not apparent.

#### CHARACTERISTICS / ADVANTAGES

- Reduced water absorption
- Improved watertightness
- Improved workability
- Non-toxic
- Chloride free

#### PRODUCT INFORMATION

<b>Chemical base</b>	Surface active agent
<b>Packaging</b>	2 / 5 / 25 L pails
<b>Appearance / Colour</b>	Liquid / Brown
<b>Shelf life</b>	12 months from date of production if stored properly in unopened, original packaging
<b>Storage conditions</b>	Dry, cool, shaded place
<b>Bulk Density</b>	~ 1.03

#### APPLICATION INFORMATION

<b>Recommended Dosage</b>	1-2 % by weight of cement (1 ltr for approx. 50 - 100 kg of cement)
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#### APPLICATION INSTRUCTIONS

##### SUBSTRATE QUALITY / PRE-TREATMENT

##### Surface preparation

In renders:  
Concrete surfaces must be 100% roughened by hack-

ing, wire brushing, sand-blasting, etc. Fixtures, fittings and other protrusions must be removed. Cracks, porous area and spalling should be cut out and repaired. Water infiltration should be stopped with Sika®-102 prior to application of bonding bridge. Use of bonding bridge coat e.g. Sika waterproofing bonding bridge (water, Sika Latex, cement) is necessary.

For further information on bonding bridge see Sika® Latex Data sheet.

**Dispensing:** Add Sika® Waterproofing Liquid to the clean mixing water prior to its addition to the dry mixed cement: sand

### APPLICATION METHOD / TOOLS

After mixing 1-2% Sika® Waterproofing Liquid by weight of cement to a trowelable consistency mortar, apply Sikalite mortar render when the bonding bridge is still wet.

Each layer is applied at a thickness of 6-10 mm and then finished by using wood trowel / float.

The second layer is best applied when the first coat has begun to stiffen (usually 4-5 hours).

Curing: Proper curing method is required as for normal cement based products.

### 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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## ECOLOGY, HEALTH AND SAFETY

**Ecology:** Do not dispose into water

**Transportation class:** Non-hazardous

**Waste disposal:** According to local law

**Important notes:** Sika® Waterproofing Liquid may cause irritation. Suitable precautions should be taken to minimize direct contact with the skin. If the material gets into the eyes or mucous membrane, rinse immediately with clean water and seek medical attention.

### 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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