

# PRODUCT DATA SHEET

## Sikalite®

Powdered waterproofing admixture for mortar

### DESCRIPTION

Sikalite® is a powdered waterproofing admixture, which blocks the capillaries and pores in Portland cement/sand mortars preventing the movement of moisture.

### USES

Sikalite® is used to waterproof Portland cement/sand renders and mortars for application to:

- Walls
- Facades
- Floor toppings
- Jointing mortars

### CHARACTERISTICS / ADVANTAGES

- Easy to use
- Economical
- Convenient powdered form
- Watertight, but vapour permeable
- Chloride free

### PRODUCT INFORMATION

<b>Packaging</b>	1 kg bag
<b>Shelf life</b>	12 Months in original, unopened container.
<b>Storage conditions</b>	Store in a dry area between 5°C and 40°C. Protect from direct sunlight
<b>Density</b>	0.9kg/litre

## TECHNICAL INFORMATION

### Mortar mix design

#### Suggested mix proportions

<b>Building Mortar</b>	<b>Weight</b>
Sikalite®	1kg
Cement	50kg
Building Sand	250kg

  

<b>External Plaster</b>	<b>Weight</b>
Sikalite®	1kg
Cement	50kg
Plaster Sand	250kg

  

<b>Floor Screed</b>	<b>Weight</b>
Sikalite®	1kg
Cement	50kg
River Sand	200kg

**Consumption** 1kg per 50 kg of Portland cement i.e. 2% by weight of cement.

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

Overdosing can cause retardation of set. The quality and waterproofness of the cement mortar mixes may be affected by one or more of the following:

- Poor quality sand
- Poorly graded sand
- Excessive dust in the sand
- Excess water
- Excess cement
- Lack of adequate curing

We recommend you consult with your nearest Cement and Concrete Institute office who will provide you with the correct information regarding sand types and gradings.

## ECOLOGY, HEALTH AND SAFETY

#### PRODUCT DATA SHEET

Sikalite®

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For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## MIXING

Sikalite® is added to the dry mix of Portland cement and sand prior to the addition of the gauging water. Dry component should be mixed thoroughly before water is added to ensure a proper distribution of the Sikalite® throughout the mix.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## 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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