

# PRODUCT DATA SHEET

## Sikalite®

### POWDERED WATERPROOFING ADMIXTURE FOR MORTAR

#### DESCRIPTION

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

#### USES

Sikalite® is used to waterproof concrete, cement, renders and mortars for application to:

- Walls
- Facades
- Floor toppings
- Joint mortars

#### CHARACTERISTICS / ADVANTAGES

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

#### PRODUCT INFORMATION

<b>Packaging</b>	800 g
<b>Appearance / Colour</b>	Powder Beige
<b>Shelf Life</b>	12 months in original, unopened container. Store in a dry area between 5°C and 40°C. Protect from direct sunlight
<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

#### Application Details

**Consumption/ Dosage** 0.8 kg per 40kg per cement (2% by weight of cement)

**Application Instruction** Suggested mix proportions

#### Building Mortars/ External Plaster/ Floor Screed

Sikalite 0.8 kg - 800grams/ 40kg of cement

Cement 40kg per cement - 1 part

Sand 5 parts

#### Concrete

Sikalite 0.8 kg - 800grams/ 40kg of cement

Cement 40kg per cement - 1 part

Sand 2 parts

Gravel 3 parts

\*Please consult Sika technical team for other concrete design

## APPLICATION INFORMATION

### Recommended Dosage

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

**Drying Time** Apply the correct curing procedure.

## LIMITATIONS

Sikalite is added to dry mix cement and sand or cement, sand and gravel prior to the addition of gauging water. Overdosing can cause retardation of set. The quality and waterproofness of the concrete and 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

## BASIS OF PRODUCT DATA

## LOCAL RESTRICTIONS

## ECOLOGY, HEALTH AND SAFETY

Residues of materials must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.

Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from Material Safety Data Sheet.

## 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.

**Sika Philippines Inc.**  
888 Marcos Alvarez Ave.,  
Talon V, Las Piñas City, Philippines 1747  
Tel. No.: +63 2 8806-2875  
Fax. No.: +63 2 8806-2883  
Website: [phl.sika.com](http://phl.sika.com)

**Product Data Sheet**  
**Sikalite®**  
May 2020, Version 01.01  
020705040010000002

Sikalite-en-PH-(05-2020)-1-1.pdf

