Construction

Sikalite®

Powdered waterproofing admixture for mortar

Product 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 Data

Form		
Appearance / Colour	Powder	Beige
Packaging	1, 25 and 200kg units	
Storage		
Storage Conditions / Shelf-Life	12 Months in original, unopened container. Store in a dry area between 5ºC and 40ºC. Protect from direct sunlight.	

Technical Data

Density	0,9kg/litre
Application Details	
Consumption / Dosage	1kg per 50 kg of Portland cement i.e. 2% by weight of cement.

Application Instruction

Mixing (Ratio/Dosage)

SUGGESTED MIX PROPORTIONS

Building Mortar

Sikalite	Cement	Building Sand
1kg per 50kg cement	1 Part	5 Parts

1 Pocket of cement is sufficient to lay approximately 300 bricks

External Plaster

Sikalite	Cement	Plaster Sand
1kg per 50kg cement	1 Part	5 Parts

1 pocket of cement will cover approximately 10m² at 15mm thick

Floor Screed

Sikalite	Cement	River Sand
1kg per 50kg cement	1 Part	4 Parts

1 pocket of cement will cover approximately 4m² at 25mm thick

Notes on Application / Limits

Sikalite® is added to the dry mix of Portland cement and sand prior to the addition of the gauging water. 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.

Curing Details

Curing Treatment

Apply correct curing procedures.

Local Restrictions

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

Health and Safety Information

Protective Measures

Contact with skin and eyes must be avoided.

Ecology

Transportation Class

Important Notes

Residues of material 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 the Material Safety Data Sheet.

Toxicity

Construction

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 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 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 Product Data Sheet for the product concerned, copies of which will be supplied on request or accessed on the Internet under www.sika co.za.

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