

PRODUCT DATA SHEET

Sikalite® NG

Integral Waterproofing Admixture for Mortar and Concrete

DESCRIPTION

Sikalite® NG is a ready to use powdered waterproofing admixture for cement / sand mortars and concrete. Suitable for use in hot and tropical climatic conditions.

- Reduction in permeability
- Increased durability

USES

Sikalite® NG is used to provide waterproof structural concrete or cement/sand mortars, screeds and renders for walls, facades, floor toppings and jointing mortars.

FEATURES

Sikalite® NG contains pore sealing and water-repelling substances which provide the following beneficial properties:

PRODUCT INFORMATION

| Packaging | Sikalite® is sold in plastic bags of 500g and 1kg. | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Shelf life | 12 Months from the date of production in original, unopened container. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Storage conditions | The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +45 °C. Always refer to pack | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appearance and colour | Powder / Off white colour | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mortar mix design | <table><thead><tr><th colspan="2">Suggested mix proportions</th></tr></thead><tbody><tr><td>Building Mortar</td><td>Weight</td></tr><tr><td>Sikalite®</td><td>1kg</td></tr><tr><td>Cement</td><td>50kg</td></tr><tr><td>Building Sand</td><td>250kg</td></tr><tr><td>External Plaster</td><td>Weight</td></tr><tr><td>Sikalite®</td><td>1kg</td></tr><tr><td>Cement</td><td>50kg</td></tr><tr><td>Plaster Sand</td><td>250k</td></tr><tr><td>Floor Screed</td><td>Weight</td></tr><tr><td>Sikalite®</td><td>1kg</td></tr><tr><td>Cement</td><td>50kg</td></tr><tr><td>River Sand</td><td>200kg</td></tr></tbody></table> | Suggested mix proportions | | Building Mortar | Weight | Sikalite® | 1kg | Cement | 50kg | Building Sand | 250kg | External Plaster | Weight | Sikalite® | 1kg | Cement | 50kg | Plaster Sand | 250k | Floor Screed | Weight | Sikalite® | 1kg | Cement | 50kg | River Sand | 200kg |
| Suggested mix proportions | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Building Mortar | Weight | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sikalite® | 1kg | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cement | 50kg | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Building Sand | 250kg | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External Plaster | Weight | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sikalite® | 1kg | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cement | 50kg | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plaster Sand | 250k | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Floor Screed | Weight | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sikalite® | 1kg | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cement | 50kg | | | | | | | | | | | | | | | | | | | | | | | | | | |
| River Sand | 200kg | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended dosage | 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

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 Sika technical staff to provide you with the correct information regarding sand types and grading.

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.

ECOLOGY, HEALTH AND SAFETY

MIXING

Sikalite® NG 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.

Lagos - Ibadan Expressway, Ogun State

APPLICATION

Web: nga.sika.com

LEGAL NOTES

PRODUCT DATA SHEET

Sikalite® NG

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