

PRODUCT DATA SHEET

SikaLatex®

WATER RESISTANT BONDING AGENT AND MORTAR ADMIXTURE

DESCRIPTION

SikaLatex® is a synthetic emulsion for adding to cement mortars where good adhesion and water resistance are required. It is suitable for use in tropical and hot climatic conditions.

USES

SikaLatex® is a high quality emulsion that substantially improves the qualities of cement mortars in applications such as:

- Thin Layer patching mortars
- Renders
- Floor screeds
- Concrete repair mortars
- Abrasion resistant linings
- Tile adhesives
- Masonry mortars

FEATURES

SikaLatex® is simply added to the mixing water to provide the following properties:

- Increased adhesion
- Reduced shrinkage and cracking
- Great flexibility
- Excellent water resistance
- Increased abrasion resistance
- Improved chemical resistance
- Non-corrosive
- Ready for use

SikaLatex® does not **re-emulsify**, even under highly alkaline conditions.

PRODUCT INFORMATION

Composition	Synthetic rubber latex
Packaging	<ul style="list-style-type: none"> ▪ Bulk ▪ 1000 litres IBC ▪ 200 litres Drum ▪ 25 litres Keg
Appearance and colour	White liquid
Shelf life	12 months minimum from production date.
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between 5 °C and 35 °C. Protect from direct sunlight.
Density	1.0 ± 0.01
pH-Value	8.70 ± 2.0
Total chloride ion content	≤ 0.1 %

PRODUCT DATA SHEET

SikaLatex®

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APPLICATION INFORMATION

Recommended dosage

Added to the mixing water within the range 1:1 to 1:4 depending on application

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

Never use pure SikaLatex® or SikaLatex®-water mix directly onto the substrate as bonding bridge, always add cement and sand to the mix.

ECOLOGY, HEALTH AND SAFETY

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.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate shall be thoroughly clean, free from dust, loose material, surface contamination and materials which reduce bond or prevent suction or wetting by cementitious materials. De-laminated, weak, damaged and deteriorated substrate shall be removed by suitable means before application. Rust, scale, dust and other loose and deleterious materials which reduces bond or contributes to corrosion shall be removed.

MIXING

Mix SikaLatex® with the correct amount of water to produce a gauging solution. Pour part of the gauging solution into a suitable mixing container. While stirring slowly, add the cement-sand mix to the gauging solution and mix thoroughly until a smooth, uniform and lump-free mix is achieved. Within the mixing time add additional gauging solution to adjust to the desired consistency.

APPLICATION METHOD / TOOLS

Bonding Bridge

Thoroughly pre-wet the prepared substrate a recommended 2 hours before application. Keep the surface wet and do not allow to dry. Before application remove excess water e.g. with a clean sponge. The surface shall appear a dark matt appearance without glistening and surface pores and pits shall not contain water. Using a stiff clean brush work the mix vigorously onto the substrate, forming a thin layer filling all unevenness, pits and pores.

Always apply following layer of mortar "wet on wet" onto bonding bridge.

Mortar

Mix SikaLatex® with the correct amount of water to produce a gauging solution. Pour part of the gauging solution into a suitable mixing container. While stirring slowly, add the cement-sand mix to the gauging solution and mix thoroughly until a smooth, uniform and lump-free mix is achieved. Within the mixing time add additional gauging solution to adjust to the desired consistency.

LOCAL RESTRICTIONS

PRODUCT DATA SHEET

SikaLatex®

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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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