

PRODUCT DATA SHEET

SikaLatex®

Water resistant bonding agent and mortar admixture

DESCRIPTION

SikaLatex® is a synthetic rubber emulsion that is used as admixture for cementitious bonding bridges and high quality mortars.

USES

SikaLatex® is used as bonding agent and mortar admixture for applications like:

- Thin layer patching mortars
- Renders
- Floor screeds
- Concrete repair mortars
- Abrasion resistant lining
- Tile fixing mortars
- Masonry mortars

CHARACTERISTICS / ADVANTAGES

The main advantages of SikaLatex® are:

- Increased adhesion
- Reduced shrinkage and cracking
- Increased abrasion resistance
- Reduced permeability
- Improved workability
- Easy to mix and to dose
- Suitable on most common construction substrates
- Non-toxic, non-flamable and non-corrosive

PRODUCT INFORMATION

| | |
|----------------------------|--|
| Composition | Styrene butadiene emulsion |
| Packaging | 1, 5 and 20 litre Containers 1000 litre IBC |
| Appearance / Colour | Milky white liquid |
| Shelf life | 12 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging. |
| Storage conditions | Storage at temperatures between 5 °C and 30 °C. Protect from direct sunlight, frost and contamination. |
| Density | ~1.0 kg/l |
| pH-Value | ~8.0 |

APPLICATION INFORMATION

| | |
|---------------------------|---|
| Recommended dosage | Added to the mixing water within the range 1:1 to 1:4 depending on application. |
|---------------------------|---|

Ambient air temperature Min. 5°C – Max. 35°C

Substrate temperature Min. 5°C – Max. 35°C

BASIS OF PRODUCT DATA

All technical data stated in this Product 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

Bonding Bridge:

Mix SikaLatex® with water to produce a gauging solution in the correct ratio. Add gauging solution to cement-aggregate mix until desired consistency is achieved. The prepared substrate should be thoroughly soaked with clean water until uniformly saturated leaving no standing water. Work mix vigorously with a stiff brush onto pre-dampened substrate. Always apply screeds / render / mortars “wet on wet” onto bonding bridge.

Cement : Sand : Liquid (1 part SikaLatex® + part water) = 1 : 1 : 1 (by volume) or

Cement : Sand : Liquid (1 part SikaLatex® + part water) = 1.5 : 2 : 1 (by weight)

Apply the slurry onto the pre-wetted substrate in 1-2mm thickness and apply the subsequent mortar renders immediately (wet onto wet application).

Mortar Admixture:

| | | | |
|-----------------|--------|--------|--------------------|
| Portland cement | 50 kg | 50 kg | 50 kg |
| Sand | 125 kg | 125 kg | 125 kg |
| SikaLatex® | 7 ltr | 9 ltr | 7-9 ltr |
| Water | 12 ltr | 9 ltr | 9 ltr |
| Admixture | - | - | 2 ltr Sika Rapid-1 |

Up to 25 kg of Sikadur Aggregates should be added where the thickness per layer exceeds 12mm

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete surfaces should be clean, sound and free from oil, grease, or other surface contaminants. Remove cement laitance and all loosely adhering particles using suitable mechanical means. Absorbent surfaces should be saturated thoroughly with water. Remove all standing water.

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.

LOCAL RESTRICTIONS

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

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 Tanzania Construction Chemicals

Limited

Plot No. 135
Mbezi Industrial Area, Kinondoni
P.O Box 7079 Dar es Salaam
Tanzania
Phone: +255 699 784 926



Product Data Sheet

SikaLatex®
October 2021, Version 01.03
020301010010000001

SikaLatex-en-TZ-(10-2021)-1-3.pdf