

PRODUCT DATA SHEET

SikaLatex®

Mortar admixture and water-resistant binder

DESCRIPTION

SikaLatex® is an acrylic-polymer latex that is used as admixture for cementitious bonding bridges and high quality site-mix mortars.

USES

it is used for bonding bridge and as mortar admixture for:

- Jointing mortars and screeds
- Repair mortar
- Masonry mortar
- Coatings
- Tile adhesive

FEATURES

- Increased adhesion
- Reduced shrinkage and cracking
- Increased abrasion resistance
- Permeability reduction
- Improved workability
- User friendly
- Suitable on most common construction substrates

PRODUCT INFORMATION

Composition	Stirene-butadiene emulsion
Packaging	<ul style="list-style-type: none"> ▪ Gal 5KG ▪ Gal 20KG
Shelf life	24 months from date of production if stored properly in original, unopened and undamaged sealed packaging
Storage conditions	Storage temperature between +5 °C and +30 °C. Store cool and dry. Protect from the direct influence of sunlight from frost and dirt.
Appearance and colour	White liquid
Density	~ 1.0 kg/l
Total chloride ion content	≤ 0.1 %

APPLICATION INFORMATION

Recommended dosage	SikaLatex® as bonding bridge : Water: <u>1 : 1</u> SikaLatex® as mortar admixture : Water: <u>1 : 1 to 1 : 3</u>
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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 a mixture of SikaLatex® and water directly on the support as a bonding bridge solution, but always add cement and sand to the mixture.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

The substrate shall be thoroughly clean, sound, 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.

SUBSTRATE QUALITY / PRE-TREATMENT

MIXING

Mix SikaLatex® with the correct amount of water to obtain a bonding emulsion. Pour part of the solution into a suitable mixing container. Add the cement-sand mixture to the water by stirring slowly and mixing well until a smooth, homogeneous and lump-free mixture is obtained. Additional water can be added during the mixing time to adjust the desired consistency.

APPLICATION METHOD / TOOLS

Preparation of mortar, fine Concrete

Thoroughly wet the prepared substrate approximately 2 hours before applying SikaLatex®.

Remove standing water with a clean sponge

The surface should have a dark and matte appearance, without shine. Surface pores should not contain water.

Brush the slurry vigorously into the backing with a clean, stiff brush, so that all irregularities and pores are filled and covered with a film of uniform adhesion. Apply the following mortar layers always "wet on wet" to the primer.

Traction bridge

Adhesion ratio

SikaLatex®: Water:	1:1
Cement: Sand:	1:1 to 1:2

The resulting well-plastic mortar is brushed into the moistened foundation concrete using a broom or brush and serves as an adhesion bridge. The normal, earth-moist screed mortar is applied "fresh on fresh" with the mixing liquid of SikaLatex®: Water=1:2 to 1:4, depending on the thickness of the sand and the layer. Wall plaster

Mix SikaLatex®: Water = 1:1 (depending on the volume part) and thus prepare a rigid and plastic mortar composed of one part of cement and one part of sand, with a particle size of 0 to 2 mm, and apply with this mortar a sprayed coating (preliminary spraying).

The additional layers up to the desired coating thickness are applied only when the bonding bridge has reached the required strength. To do this, also add SikaLatex® to the mixing water, namely SikaLatex®: Water = 1:2 to 1:3.

Repair and leveling mortar

For thicknesses up to 15 mm, SikaLatex® mixing liquid: Water = 1:1.5 to 1:3, depending on the clean moisture of the sand, is added to the mortar via spraying or adhesion bridge. Cement: Sand = 1:2 to 1:3.

LOCAL RESTRICTIONS

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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