BUILDING TRUST

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 site-mix mortars.

USES

SikaLatex® is used as bonding agent and site-mix mortar admixture for the following applications:
- Grouts and screeds
- Patch repair mortars
- Mansonry mortars
- Renders
- Tile adhesives

FEATURES

The main advantages of SikaLatex® are:
- Increased adhesion
- Reduced shrinkage and cracking
- Increased abrasion resistance
- Reduced permeability
- Improved workability
- User friendly
- Suitable on most common mineral-based construction substrates

SUSTAINABILITY

- Water-based, does not contain solvents
- Environmental product declaration (EPD) IBU SikaLatex®

PRODUCT INFORMATION

Composition	Styrene butadiene emulsion
Packaging	▪ 1000 liters IBC ▪ 200 liters drum ▪ 5 and 20-liters pails
Appearance and colour	White liquid
Shelf life	12 months from date of production.
Storage conditions	Store properly in undamaged original sealed packaging, in dry cool conditions at temperatures between 5 °C and 30 °C. Protect from direct sunlight, frost and contamination.
Density	~1.0 kg/l
Total chloride ion content	≤ 0.1 %

APPLICATION INFORMATION

Recommended dosage	**For bonding slurries** ▪ Cement : Sand : Liquid (part SikaLatex® + part water) = 1:1:1 (by volume) or ▪ Cement : Sand : Liquid (part SikaLatex® + part water) = 1.5:2:1 (by weight) ▪ Apply the slurry onto pre-wetted substrate in 1-2mm thickness and apply subsequent mortar renders immediately (wet onto wet application). ▪ **Consumption:** 1 liter of SikaLatex® covers 4-6 m² area (depends on the surface roughness) **For mortar mixes** ▪ SikaLatex® : Water = 1 : 1 to 1 : 3

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 PREPARATION

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. Delaminated, 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 must be removed by suitable methods.

MIXING

Mix SikaLatex® with the correct amount of water to produce a gauging solution.
Pour part of the gauging solution into a suitable, clean 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

Bonding Brigde
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
SikaLatex® is generally added to the clean mixing water within the range 1:1 to 1:3. For all applications, apart from sprayed on renders, a bonding coat of SikaLatex®-Water 1:1 mixed with fresh cement, should be brushed into the prepared surface. Subsequently, mortar application must be carried out whilst the bonding coat is still wet.

CLEANING OF EQUIPMENT

Clean tools and mixing buckets with water immediately after use. Once the product mix has cured it can only be removed by mechanical scraping.

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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