

PRODUCT DATA SHEET

SikaLatex®

WATERPROOFING ADMIXTURE FOR MORTAR AND BONDING AGENT

DESCRIPTION

SikaLatex® is a modified styrene butadiene emulsion to be mixed with cement (neat) or cement/ sand mortar for improved adhesion and water resistant properties.

USES

SikaLatex® is a high quality emulsion that substantially increases the qualities of cement mortars for the following applications:

- Bonding slurry
- Thin layer patching mortars
- Waterproofing renders
- Floor screeds
- Concrete repair mortar
- Abrasion resistant linings
- Tile fixing mortars
- Masonry mortars

CHARACTERISTICS / ADVANTAGES

SikaLatex® provides the following beneficial properties to mortar:

- Extremely good adhesion
- Reduced shrinkage
- Greater elasticity
- Excellent water resistance
- Improved chemical abrasion resistance
- Non toxic
- SikaLatex® does not reemulsify, even in high alkaline conditions
- Suitable for use in cement mortar in contact with potable water
- High strength floor screeds
- For filling and patching mortars that require thin layer finishing
- Improved flexibility and resistance to cracking
- As a bonding agent for renderings, for wear resistant floor toppings in plants and sewage systems

PRODUCT INFORMATION

Chemical base	Styrene butadiene emulsion
Packaging	5 / 25 ltr pail
Shelf life	Min. 9 months from date of production if stored properly in unopened, original packaging
Storage conditions	Dry, cool, shaded place
Appearance / Colour	White liquid
Density	~1.01 kg/l

APPLICATION INFORMATION

Recommended Dosage	Bonding agent	SikaLatex® : Water = 1 : 1. Please refer to APPLICATION INSTRUCTION.
	Mortar	SikaLatex® : Water = 1 : 3. Please refer to APPLICATION INSTRUCTION.

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 CONSIDERATION

- Never use SikaLatex® or a mixture of SikaLatex® and water as a bonding coat without adding cement.
- Standard curing method is necessary to prevent premature drying out of mortar.
- Always pre-wet the absorbent substrate but no standing water.
- In case of multi-layer application, always work wet-on-wet.
- In case of use in permanently wet structure allow SikaLatex® mortar to cure for min. 1 week before the structure is put into service or before it is immersed permanently under water.

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

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete substrate shall be thoroughly clean, free from dust, loose material, surface contamination and materials which reduce bond or prevent suction or wetting by repair materials. Absorbent surfaces should be saturated thoroughly but no standing water.

APPLICATION METHOD / TOOLS

1. Bonding agent for rendering / Bonding between old and new concrete

Mixing ratio:

1 ltr SikaLatex® + 1 ltr water + 4 kg cement = bonding slurry

The above slurry amount covers approx. 4 m².

Application :

Add cement to the SikaLatex®-water premix and mix until an expected consistency is achieved. Apply the SikaLatex® slurry onto the prepared substrate in 1 – 2 mm thickness. Place new concrete or mortar render while the bonding slurry is still wet.

2. Floor screeds/renders

Mixing ratio (by weight):

Cement : Sand = 1 : 2.5 – 3 (1)

SikaLatex® : Water = 1 : 3 (2)

Pour mixture of (2) into (1), mix and adjust until an expected consistency.

Application:

Apply the mortar when the bonding slurry is still wet.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use.

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.

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July 2024, Version 01.03

020301010010000001