

# PRODUCT DATA SHEET

## SikaCim<sup>®</sup> Latex

### WATER RESISTANT BONDING AGENT AND MORTAR ADMIXTURE

#### DESCRIPTION

SikaCim<sup>®</sup> Latex is a synthetic rubber emulsion that is used as admixture for cementitious bonding bridges and high quality site-mix mortars.

#### USES

SikaCim<sup>®</sup> Latex is used as bonding agent and site-mix mortar admixture for the following applications:

- Grouts and screeds
- Patch repair mortars
- Masonry mortars
- Renders
- Tile adhesives

#### CHARACTERISTICS / ADVANTAGES

The main advantages of SikaCim<sup>®</sup> Latex are:

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

#### PRODUCT INFORMATION

<b>Composition</b>	Styrene Butadiene Liquid
<b>Packaging</b>	10 x 900 mL, Tray
<b>Appearance / Colour</b>	Liquid / White
<b>Shelf life</b>	12 months from date of production if stored properly in undamaged un-opened, original sealed packaging.
<b>Storage conditions</b>	Store in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight and frost.
<b>Density</b>	1.01 ± 0.01 kg/L

#### APPLICATION INFORMATION

<b>Recommended Dosage</b>	Bonding bridge	SikaCim <sup>®</sup> Latex : Water : Cement = 1 : 1 : 2 - 3 depend on desired consistency
	Mortar	SikaCim <sup>®</sup> Latex : Water = 1 : 1 to 1 : 3 with cement : sand = 1 : 1 to 1 : 3

## 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 SikaCim® Latex 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 (for bonding bridge) or add the cement - sand mix (for mortar) 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

Prepare and mix SikaCim® Latex with water, cement and sand as composition

## IMPORTANT CONSIDERATIONS

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

## 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.

## 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 the exact product data and uses.

## 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.

## 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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