

PRODUCT DATA SHEET

SikaLatex® TH

Bonding agent and waterproofing admixture

DESCRIPTION

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

USES

SikaLatex® TH is a high quality emulsion that substantially improve the qualities of cement mortars, such as:

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

CHARACTERISTICS / ADVANTAGES

SikaLatex® TH provides the following beneficial properties to mortar:

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

PRODUCT INFORMATION

Chemical base	Styrene Butadiene Emulsion
Packaging	5 / 25 / 200 L drum
Appearance / Colour	Liquid / White
Shelf life	Min. 9 months from date of production if stored properly in unopened, original packaging
Storage conditions	Dry, cool, shaded place
Density	1.02 kg/L

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.

ECOLOGY, HEALTH AND SAFETY

Ecology: Do not dispose into water or soil

Transportation: Non-hazardous

Waste disposal: According to local law

Important notes: SikaLatex® TH may cause irritation.

Suitable precautions should be taken to minimize direct contact with the skin. If the material gets into the eyes or mucous membrane, rinse immediately with clean water and seek medical attention.

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Surface preparation:

Concrete surface should be clean, sound, free from oil, grease, cement laitance and all loosely adhering particles.

Absorbent surfaces should be saturated thoroughly but no standing water.

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

Mixing ratio:

Add 4 kg cement into a mixture of 1 L of SikaLatex® TH + 1 L of water = slurry consistency. The above slurry covers approx. 4m²

2. Floor screeds / renders

Mixing ratio:

- Cement : sand = 1 : 3 (1)

- SikaLatex® TH : water = 1 : 3 (2)

Pour mixture (2) into (1) and mix until suitable applicable consistency is achieved

Application:

Apply SikaLatex® TH mortar when the SikaLatex® TH bonding slurry is still wet

Coverage: approx. 1 L SikaLatex® TH/m² per 2 cm thick mortar

Cleaning tool: Clean all tools and equipment with clean water immediately after use

Important notes:

- Always mix cement with mixture of SikaLatex® TH - water to produce bonding agent
- Respect standard curing practices
- Always saturate surface but no standing water
- In case of multi-layer application, always work wet on wet

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 can always refer to the most recent version of the local Product Data Sheet for the relevant product, available on our website. The information in any downloaded version is valid as of the time of download.

Sika Limited (Vietnam)

Nhon Trach 1 Industrial Zone,
Nhon Trach Dist., Dong Nai Province,
Vietnam
Tel: (84-251) 3560 700
Fax: (84-251) 3560 699
sikavietnam@vn.sika.com



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