

PRODUCT DATA SHEET

SikaLatex[®]-12 RH

BONDING AGENT AND WATERPROOFING ADMIXTURE

DESCRIPTION

SikaLatex[®]-12 RH is a modified styrene butadiene emulsion to be mixed with cement (neat) or cement / sand mortar for improving adhesion and waterproofing properties.

USES

SikaLatex[®]-12 RH 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[®]-12 RH provides the following beneficial properties to mortar:

- Extremely good adhesion
- Reduced shrinkage
- Greater elasticity
- Excellent water resistance
- Improved chemical abrasion resistance. Non toxic.
- SikaLatex[®]-12 RH 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	25 litres
Shelf life	Min. 6 months if stored properly in unopened, original packaging
Storage conditions	Stored in dry conditions, protected from direct sunlight and at temperatures between +5°C and +30°C
Appearance / Colour	Liquid / White
Density	~ 1.02 kg/L (at 20°C)

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

- Always mix cement with mixture of SikaLatex®-12 RH - 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

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

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®-12 RH + 1 L of water = slurry consistency. The above slurry covers approx. 4m².

Application:

Add cement to the Latex-water premix and mix until an even, creamy consistency is achieved. Apply the Latex slurry onto the prewetted substrate in 1-2 mm thickness and place new concrete or mortar render immediately (wet-on-wet application).

2. Floor screeds / renders

Mixing ratio:

- Cement : sand = 1 : 3 (1)

- SikaLatex®-12 RH : water = 1 : 3 (2)

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

Application:

Apply SikaLatex®-12 RH mortar when the SikaLatex®-12 RH bonding slurry is still wet

Coverage: approx. 1 L SikaLatex®-12 RH/m² per 2 cm thick mortar

Cleaning tool: Clean all tools and equipment with clean 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.

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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