

PRODUCT DATA SHEET

SikaLatex[®]-200 SBR PK

Economical Water-Resistant Bonding Agent and Mortar Admixture

DESCRIPTION

SikaLatex[®]-200 SBR PK is a synthetic rubber emulsion that is used as admixture for cementitious bonding bridges and high-quality site-mix mortars. Suitable for use in hot and tropical climatic conditions.

USES

SikaLatex[®]-200 SBR PK is used as bonding agent and site-mix mortar admixture for the following applications:

- Thin layer patching mortars
- Renders
- Floor screeds
- Concrete repair mortars
- Abrasion resistant linings
- Tile fixing mortars
- Masonry mortars
- Bonding slurry for fresh to old concrete

PRODUCT INFORMATION

Chemical Base	Styrene Butadiene Rubber
Packaging	1 L (Liquid)
Shelf Life	12 months minimum from production date in an unopened container
Storage Conditions	Store in a dry area in original packaging and at temperatures between +5°C and +35 °C. Protect from direct sunlight, heat and moisture.
Appearance / Colour	White liquid
Specific gravity	~1.00 (+25 °C)
Total Chloride Ion Content	Nil (EN 934-2)

CHARACTERISTICS / ADVANTAGES

SikaLatex[®]-200 SBR PK is simply added to the mixing water to improve the following properties:

- adhesion
- shrinkage
- water resistance
- abrasion resistance
- chemical resistance

SikaLatex[®]-200 SBR PK is non-corrosive, ready to use and does not re-emulsify, even under highly alkaline conditions.

APPROVALS / STANDARDS

SikaLatex[®]-200 SBR PK is certified according "Low Emitting Materials as per Al Sa'fat - Dubai Green Building Evaluation System" by Dubai Central Laboratory (DCL) certificate No. CL17020432

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.

USES

- Never use pure SikaLatex®-200 SBR PK water mix directly onto the substrate as bonding bridge, always add cement and sand to the mix.
- The standard rules of good practice for production and placing of bonding bridge, repair and adhesive mortars must be observed when using SikaLatex®-200 SBR PK. Refer to relevant standards.
- Fresh applied mortar must be cured properly especially at high temperatures in order to prevent plastic and drying shrinkage. Use Sika® Antisol® WB product as a curing agent or apply curing by polyethylene sheet and wet hessian.
- Higher dosages can be used depending on the mix design, raw materials, climatic conditions and mortar requirements.
- Trial mixes must be performed to establish the exact dosage rate required.
- We recommend to perform trial mixes to establish the required performance when combining SikaLatex®-200 SBR PK with other products.

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 QUALITY

Concrete surfaces should be clean, sound, rough and free from oil, grease, cement laitance and all loosely adhering particles. The surface should be in a saturated surface dry condition.

AGGREGATE GRADING

Aggregates should be well graded and thoroughly washed. Sand particle sizes should correspond to the thickness of mortar to be applied and required surface finish.

Mortar thickness Aggregate size

< 2 mm	0 - 0.5 mm
2 - 5 mm	0 - 1.0 mm
5 - 15 mm	0 - 3.0 mm
> 15 mm	0 - 7.0 mm

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MIXING

BONDING SLURRY

SikaLatex®-200 SBR PK: Water = 1 : 1

Mix together with fresh cement and fine sand to a homogeneous brushable slurry consistency. The resulting bonding slurry should be brushed well onto the prepared surface.

MORTARS AND RENDERS

Mixing can be done in any suitable concrete mixer, such as a pan mixer. First add the cement and aggregate into the mixer and mix to a uniform consistency. Then add the required quantity of diluted SikaLatex®-200 SBR PK and mix slowly for at least 2 minutes. Apply by steel trowel and finish with a wooden float.

DISPENSING

SikaLatex®-200 SBR PK is generally added to the clean mixing water within the range 1 : 1 to 1 : 2. For all applications, apart from sprayed on renders, a bonding slurry should be applied. Subsequent mortar application must be carried out whilst the bonding coat is still wet.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

SikaLatex-200SBRPK-en-PK-(06-2024)-1-1.pdf

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SikaLatex®-200 SBR PK
June 2024, Version 01.01
020301010010000378

