

Product data sheet

Edition 01, 2011

Sika® Bonding Agent

SBR Latex Bonding Agent

Construction

Product Description **Sika® Bonding Agent** is a chloride free, water based Styrene - Butadiene polymer.

Uses **Sika® Bonding Agent** is used as a SBR Latex product in such following cases:

- Increase adhesion in Cementitious mixtures.
- Increase bonding.
- Increase mixture resistance to abrasion and chemical attack.
- With all types of grouts and mortars.

Advantages **Sika® Bonding Agent** provides the following properties:

- Improve mixture durability and reduce cracks and porosity.
- Increase compressive and flexural strengths.
- Remain setting time under controlled conditions.
- Reduce segregation and bleeding.

Product Data

Form White Liquid

Packaging 20Kg pails; 220 Kg drums and 1000 Kg flow bins
Bulk supply in tanker trucks possible on demand

Storage condition Store in a dry minimum area between 5°C and 35°C. Protect from direct sunlight

Shelf life 12 months minimum from date of production if stored properly in original unopened packaging

Technical Data

Density at 25°C Approximately 1.008 at 25°C

Chloride content Nil (EN 934-2)



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Application Details

Dosage Sika ® Bonding Agent may be diluted up to three times with water prior to its mixing depending on the desired bonding effect. **Sika ® Bonding Agent** is compatible with all types of Portland cements including S.R.C..

Dispensing **Sika ® Bonding Agent** can be added at the end of mixing of mortar (cement/sand/water) or directly to the freshly mixed concrete. It should be noted that all substrates should be clean and at SSD state before application.

Compatibility Sika ® Bonding Agent is compatible with all Sika admixtures, all types of portland cement and cementitious replacement materials.

Safety

Precautions Accidental splashes to the skin must be washed off with water and Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention without delay.

Skin barrier cream, safety goggles and rubber gloves are recommended.

Ecology Do not dispose of into water or soil but according to local regulations.

Toxicity Non-toxic under the relevant Swiss health and safety codes.

Transportation Non-hazardous.

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 practice, the differences in materials, substratum 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request

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