

PRODUCT DATA SHEET

Sika Bitucoat®

A READY TO USE, ONE COMPONENT BITUMINOUS EMULSION CONTAINING RUBBER, FOR THE PROTECTION AND DAMP PROOFING OF CONCRETE SURFACES SUBJECT TO ATTACK FROM MILD SOIL ACIDS AND SALTY WATER.

DESCRIPTION

A ready to use, one component bituminous emulsion containing rubber, for the protection and damp proofing of concrete surfaces subject to attack from mild soil acids and salty water.
Complies with ASTM C-309.

USES

- Sika Bitucoat® is used to protect concrete surfaces that will subsequently be back filled such as: Retaining walls, Basements and Foundations.
- Adhesive for insulating boards.
- Separation coating for concreting work (bond-breaker).

CHARACTERISTICS / ADVANTAGES

Sika Bitucoat® is a simple and economical material, with the following benefits:

- Solvent free.
- Low odour, dries without producing strong vapour.
- Unaffected by high ambient temperature (will not soften).
- Excellent adhesion to substrate.
- Highly elastic to bridge structural cracks.
- It can be used for damp surfaces.
- High resistance to aggressive chemicals and salts.

APPROVALS / CERTIFICATES

ACI 515 IR-79. Guide to use of waterproofing, damp proofing, protection and decorative barrier systems for Concrete. Chapter 2 section 2.1.1, 2.1.2 and 2.1.3
ASTM D1227 type 3 class 1 & ASTM D 2939
Sika Bitucoat® has been tested as per SCAQMD Rule 1168.
Result : VOC Content 0 g/l.

PRODUCT INFORMATION

Composition	Bitumen Emulsion
Packaging	14 kg pails 200 kg drums.
Colour	Browne-black turns to black film after drying
Shelf life	12 months from date of production if stored properly in original unopened packing
Storage conditions	In dry conditions and under maximum temp. 45 °C.
Density	1 ± 0.05 kg/liter

APPLICATION INFORMATION

Consumption	0.35 – 0.40 kg/m ² for 1st coat 0.15 – 0.20 kg/m ² for 2nd coat depending on substrate porosity
Waiting Time / Overcoating	Min. 2 hours (depending on temperature)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, free from dust, oil and grease.

Dry concrete should be wetted.

MIXING

Add 5-10% of water to 1st coat.

APPLICATION METHOD / TOOLS

By brush, roller, or spray by airless gun

Stir thoroughly before use.

Minimum 2 coats are required.

CLEANING OF EQUIPMENT

Clean all tools and equipment immediately after use with soap and water, use Sika Thinner 2 to dissolve dried material.

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.

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.

ECOLOGY, HEALTH AND SAFETY

▪ Ecology

It can contaminate water in liquid state, so do not dispose of into water or soil but according to local regulations.

▪ Transportation

Non-hazardous.

▪ Safety Precautions

Wear gloves and goggles.

▪ Toxicity

Non-toxic.

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.

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