

Sika Bitucoat® M

Rubber Bitumen Emulsion Flexible, Damp and Vapour-proof
Liquid Membrane Coating.

Product 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	<ul style="list-style-type: none"> ■ Sika Bitucoat® M is used to protect concrete surfaces that will subsequently be back filled such as: Retaining walls, Basements and Foundations. ■ General waterproofing and damp proofing of concrete foundations that are in contact with groundwater. ■ Adhesive for insulating boards. ■ Separation coating for concreting work (bond-breaker).
Advantages	<p>Sika Bitucoat® M is a simple and economical material, with the following benefits:</p> <ul style="list-style-type: none"> ■ Solvent free. ■ Low odour, dries without producing strong vapour. ■ Unaffected by high ambient temperature (will not soften). ■ Excellent adhesion to many substrates. ■ Highly elastic to bridge structural cracks. ■ It can be used for damp surfaces. ■ High resistance to aggressive chemicals and salts.
Approval / Standards	<p>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</p> <p>BS 8102 - Protection of structures against water from ground</p> <p>Sika Bitucoat® M has been tested as per SCAQMD Rule 1168.</p> <p>Result : VOC Content 0 g/l.</p>
Technical Data	
Colour	Browne-black turns to black film after drying
Density	1.04 ± 0.04 kg/liter
Packaging	16 kg pails 200 kg drums.
Solid Content	30 % ± 5.
Storage	In dry conditions and under maximum temp. 45 °C.
Application Temperature	+5°C to 55°C
Service Temperature	-30°C to +100°C
Shelf life	12 months from date of production if stored properly in original unopened packing.



Application

Coverage	0.35 – 0.40 kg/m ² for 1 st coat
	0.15 – 0.20 kg/m ² for 2 nd coat depending on substrate porosity
Surface Preparation	All surfaces must be clean, free from dust, oil and grease. Dry concrete should be wetted.
Application	By brush, roller, or spray by airless gun Stir thoroughly before use. Minimum 2 coats are required.
Dilution	Add 5-10% of water to 1 st coat Stir to achieve homogeneous consistency of the product.
Time between coats	Min. 2 hours (depending on temperature)
Full curing	7 days
Cleaning	Clean all tools and equipment immediately after use with soap and water, use Sika Thinner 2 to dissolve dried material.

Safety Instructions

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.

