

PRODUCT DATA SHEET

Sika® Igasol®

RUBBER BITUMEN EMUSLION PROTECTIVE AND WATERPROOFING COATING

DESCRIPTION

Sika® Igasol® is a rubberized bituminous liquid emulsion with excellent adhesion, which dries to a tough, seamless, flexible, waterproof, protective coating for concrete structures.
Suitable for use in hot and tropical climatic conditions.

USES

- Protective coating for construction parts in contact with soil, such as concrete foundations, pillars, retaining walls
- Release coating for concreting works

FEATURES

- Ready to use
- Excellent adhesion to building materials
- Easy application
- Resistant to aggressive soil
- Can be applied on damp surfaces.
- Can be applied on vertical and horizontal areas

CERTIFICATES AND TEST REPORTS

- 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
- BS 8102 - Protection of structures against water from ground
- VOC content < 100 g/l

PRODUCT INFORMATION

Composition	Rubber Bitumen Emulsion
Packaging	200 kg drums. 15 , 18 Kg pails
Shelf life	12 months from date of production if stored properly in original unopened packing.
Storage conditions	In original sealed, undamaged packaging, protect from frost and direct sunlight
Colour	Brown black turns to black film after drying
Density	~ 1.0 ± 10% kg/litre (at +20°C)
Solid content by mass	~ 60 ± 5 %

APPLICATION INFORMATION

Consumption	0.2 - 0.3 kg/m ² per coat depends on substrate porosity Application should be minimum 2 coats
Ambient air temperature	minimum +8°C / maximum +35°C

Drying time	bone dry after	paintable after	completely dry (loadable) after
	~ 2 hours	~ 8 hours	~ 3 days
Applied product ready for use	After 5 days		

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 CONSIDERATIONS

- do not apply Sika® Igasol® in direct sunlight
- do not apply Sika® Igasol® in rain
- in cold weather, a preheating of Sika® Igasol® is recommended

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

Clean, free of dust, grease and mold oil residues. Protrusions and ridges have to be sanded, pores have to be filled with Sika repairing products (please refer to Sika technical department)
Slightly wetten dry concrete surfaces.

MIXING

Stir thoroughly before use and application

APPLICATION

By brush or roller or spray by airless gun

CLEANING OF EQUIPMENT

Clean equipment and tools immediately with clean water. Hardened material can only be removed with Sika® Thinner C or mechanically.

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.

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Product Data Sheet

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