

PRODUCT DATA SHEET

Sika® Antisol®-15

Concrete resin curing agent

DESCRIPTION

Liquid curing agent for preventing water loss in concrete. Ready for use and simple to apply. Sika® Antisol®-15 complies with ASTM C 309-81 type 1 and 2 Class B

USES

Sika® Antisol®-15 curing compound is used mainly for structural concrete surfaces. Sika® Antisol®-15 is sprayed onto newly laid concrete to form a film barrier against premature water loss without disturbance to the normal setting action. The concrete is then allowed to cure and achieve maximum durability. Antisol is particularly useful in large areas of exposed concrete such as:

- Highways
- Runways and taxiways
- Aprons and hard standings
- Roof decks
- Roof decks
- Retaining walls
- Pre-stressed beams and piers etc.
- Irrigation canals / channels

PRODUCT INFORMATION

Chemical Base	Liquid resin emulsion
Packaging	25 Litre and 200 litre drums
Appearance / Colour	White liquid
Shelf Life	12 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.
Density	~1.0 ± 0,05 kg/l (clear) and ~1.03 kg/l (white)

CHARACTERISTICS / ADVANTAGES

- Reduces incidence of plastic cracking
- Ensures that cement can hydrate more efficiently in order to achieve desired strength
- Minimises shrinkage
- Reduces dusting
- Alleviates costly methods of curing i.e. Hessian, water spraying etc.
- Minimal separation during storage

APPROVALS / STANDARDS

Sika® Antisol®-15 White pigmented, solvent based curing agent complies with ASTM C309 Type1 & 2 Class B.

APPLICATION INFORMATION

Consumption	Minimum coat of 0.2 litre / m ² to attain ASTM C309. Consumption can be effected by substrate conditions such as permeability, profile, quality and wastage etc.
Equipment	<ul style="list-style-type: none">▪ Application by hand type backpack or motorised sprayers▪ Suitability of equipment should be approved before using for full application▪ Clean all tools and application equipment immediately after use.▪ Hardened material can only be removed mechanically.

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.

FURTHER DOCUMENTS

- In hot weather store Sika® Antisol®-15 in a cool place prior to use.
- In low temperatures the product might thicken and reduce sprayability.
- Do not use sprayers, which have been used to spray silicones or silicones or release agents.
- Do not mix differing formulations of Sika or other curing membranes.
- Ensure spraying equipment is cleaned thoroughly before use and residues of previous membranes are removed.
- Sika® Antisol®-15 must be removed prior to the application of a coating system.
- Sika® Antisol®-15 will gradually de-grade and be removed by environmental exposure conditions and trafficking.

ECOLOGY HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete surface must be free from surface water. Evaporation of the surface water can take from 30 mins to 2 hours, depending on temperature and water/ cement ratio

APPLICATION

Stir thoroughly before use to ensure full dispersion of solids. Spray product in a fine mist to completely cover the concrete surface. Maintain the pressure in the application equipment to ensure a consistent spray.

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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