

**Product Data Sheet**  
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Antisol® -15

# Antisol® -15

## Concrete curing compound

### Product Description

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

### Uses

Antisol® -15 curing compound is used mainly for structural concrete surfaces. 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

### 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

### Tests

### Approval / Standards

Antisol® -15 White pigmented is a solvent based white pigmented curing compound that complies with ASTM C309 Type 1 and 2 Class B.

### Product Data

#### Form

#### Appearance/Colours

Liquid

White

#### Packaging

25 litre and 200 litre drums



<b>Storage</b>	
<b>Storage Conditions / Shelf-Life</b>	12 months from date of production if stored properly in unopened original packaging. Store in a dry area between +5°C and +25°C, away from naked flame.
<b>Technical Data</b>	
<b>Chemical Base</b>	Liquid-resin emulsion
<b>Density</b>	± 1.0 kg/litre (clear) and ± 1.03 kg/litre (white)
<b>System Information</b>	
<b>Application Details</b>	
<b>Consumption / Dosage</b>	Minimum coat of 0.2 litre / m <sup>2</sup> to attain ASTM C309. Consumption can be effected by substrate conditions such as permeability, profile, quality and wastage etc.
<b>Application Instructions</b>	
<b>Application Method / Tools</b>	<p>For fresh concrete, apply immediately after finishing techniques have been completed.</p> <p>Application is also possible by brush or roller.</p> <p>To achieve the highest visual aesthetics and performance, a second coat is recommended.</p> <p>Wait for first coat to dry before applying another coat.</p> <p>The Antisol<sup>®</sup> range of curing compounds has been designed for spray application to the newly laid concrete once the surface water has evaporated (between ½ to 2 hours depending on the temperature etc.). Antisol<sup>®</sup>-15 is then applied to the whole surface using hand-operated spray guns, (knapsack sprayers) roller or soft brooms.</p> <p>It has little or no settling out whilst in use and both resins and pigments stay in suspension.</p> <p>After application, the curing compound must be protected from rain for at least 2 hours.</p>
<b>Cleaning of Tools</b>	Clean all tools and equipment with Sika <sup>®</sup> Kwiklean.
<b>Notes on Application / Limits</b>	<p>In hot weather store Antisol<sup>®</sup> -15 in a cool place prior to use.</p> <p>In low temperatures the product might thicken and reduce sprayability.</p> <p>Do not use sprayers, which have been used to spray silicones or silicones or release agents.</p> <p>Do not mix differing formulations of Sika or other curing membranes.</p> <p>Ensure spraying equipment is cleaned thoroughly before use and residues of previous membranes are removed.</p> <p>Antisol<sup>®</sup> -15 must be removed prior to the application of a coating system.</p> <p>Antisol<sup>®</sup> -15 will gradually de-grade and be removed by environmental exposure conditions and trafficking.</p>

**Local Restrictions** Please note that as a result of specific local regulations the performances of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## Health and Safety Information

**Protective Measures** To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work. Local regulations as well as health and safety advice on packaging labels must be observed.

### Ecology

### Transportation Class

**Important Notes** Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.

Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Material Safety Data Sheet.

### Toxicity

**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 or access on the Internet under [www.sika.co.za](http://www.sika.co.za).



Sika South Africa (Pty) Ltd  
9 Hocking Place,  
Westmead, 3608  
South Africa

E-Mail: [headoffice@za.sika.com](mailto:headoffice@za.sika.com)  
Phone +27 31 792 6500  
Telefax +27 31 700 1760  
[www.sika.co.za](http://www.sika.co.za)

