

# PRODUCT DATA SHEET

## Sika® Antisol® E

Concrete curing compound

### DESCRIPTION

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

### USES

Sika® Antisol® E is sprayed onto newly laid concrete surfaces to form a thin film barrier against premature water loss. Without disturbance to the normal setting action, the concrete is allowed to cure and achieve maximum properties.

Sika® Antisol® E is particularly useful in large areas of exposed concrete, such as:

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

### CHARACTERISTICS / ADVANTAGES

- Reduces incidence of plastic cracking
- Ensure achievement of desired strengths
- Minimizes shrinkage
- Reduces dusting
- Increases frost resistance
- Alleviates other costly methods such as hessian-watering

### PRODUCT INFORMATION

<b>Packaging</b>	<ul style="list-style-type: none"> <li>▪ Pails of 5 and 20 litres</li> <li>▪ Drum of 200 litres</li> <li>▪ Container of 1000 litres</li> </ul>
<b>Shelf life</b>	12 months from date of production
<b>Storage conditions</b>	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.
<b>Appearance and colour</b>	Liquid-Emulsified Paraffin wax Whitish
<b>Density</b>	0.99 ± 0.02
<b>pH-Value</b>	4±1

## APPLICATION INFORMATION

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<b>Consumption</b>	0.15 - 0.20 lit/m <sup>2</sup> Consumption depends on wind speed, temperature and humidity during application. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.
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## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- To prevent the nozzle from blocking, regularly clean the spraying equipment during application.
- After application protect from rain for at least 2–3 hours, depending on the ambient conditions.
- Sika® Antisol® E must be removed before the application of any additional screed or coating.

## 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 / 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

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## 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.

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