

## PRODUCT DATA SHEET

## Sika® Antisol® E

## CONCRETE CURING AGENT

## PRODUCT DESCRIPTION

Sika® Antisol® E is a ready to use spray applied liquid curing agent to prevent water loss from the surface of freshly placed concrete. It forms a thin film barrier on the concrete without affecting the normal setting action.

## USES

Large areas of exposed concrete such as:

- Roads and Highways
- Runways
- Roof decks
- Hangars and loading areas
- Retaining walls
- Pre-stressed structures
- Irrigation channels
- Civil Engineering structures
- Industrial floor slabs

## CHARACTERISTICS / ADVANTAGES

- Generally improves the surface appearance
- Reduces cracking
- Ensures achievement of required strengths
- Reduces shrinkage
- Controls cement hydration
- Reduces dust formation
- Improves freeze / thaw resistance
- Alleviates other costly curing methods

## PRODUCT INFORMATION

<b>Packaging</b>	25 and 200 kg drum. Refer to current price list for packaging variations.
<b>Appearance / Colour</b>	Liquid white pigmented emulsion
<b>Shelf Life</b>	6 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>Density</b>	~0,98 ± 0,05 kg/l

## APPLICATION INFORMATION

<b>Consumption</b>	0,15–0,20 kg/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.
<b>Equipment</b>	<b>Application</b> <ul style="list-style-type: none"><li>▪ Hand type backpack or motorised sprayers</li><li>▪ Suitability of equipment should be approved before using for full application</li></ul> Clean all tools and application equipment immediately after use. Hardened material can only be removed mechanically.

## 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.

### LIMITATIONS

- 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.

### VALUE BASE

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

### 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 the exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling.  
Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

### 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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