

Antisol® - E

Concrete Curing Compounds

Product Description

Liquid curing compound for preventing water loss in concrete. Ready for use and simple to apply.

Antisol® -E complies with ASTM C 309 – 81 type 1 Class A.

Uses

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 then allowed to cure and achieve maximum properties.

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.

Advantages

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

Approval / Standard

Antisol® -E has been tested as per SCAQMD Rule 1168
Result: VOC content is 0 g/l

Technical Data

Form Emulsified Polyolefins

Colour Whitish

Density 0.98 ± 0.02 kg/l

Packaging 5 Kg and 20 Kg pails
200 kg drums

Storage Store in dry conditions protected from direct sunlight and frost.

Shelf Life 12 months from date of production if stored properly in the original unopened packaging.



Application Details

Consumption	The rate of coverage depends on wind, humidity and temperature. As a general guide: 0.15 – 0.20 kg/m ² .
Surface conditions	The surface water of the newly laid concrete must have evaporated (between ½ to 2 hours depending on temperature etc.).
Method of application	Stir the Antisol® -E well before use! Antisol® -E curing membranes has been designed for spray application to the newly laid concrete. A thin film of Antisol® -E is applied to the whole surface using hand or motor operated spray gun. For large areas and concrete “trains” application can be carried out by power driven automatic equipment.
Cleaning	Clean all tools and equipment with petrol immediately after use.
Important	Remaining Antisol® -E films have to be removed prior to application of any screed or coating. After application the treated area must be protected from rain for at least 2-3 hours.

Safety Instructions

Safety Precautions	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.
Ecology	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.
Toxicity	Non-Toxic under relevant health and safety codes.
Transport	Non-hazardous.

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.



Sika Egypt for Construction Chemicals
El Abour City
1st industrial zone (A)
Section # 10 Block 13035,
Egypt

Tel :+202- 4481 0580
Fax :+202- 4481 0459
Mob :+2012- 2390 8822/55
www.sika.com.eg

