

## PRODUCT DATA SHEET

# Sika® Antisol® E-10

## EMULSIFIED PARAFFIN WAX BASED CONCRETE CURING COMPOUND

### DESCRIPTION

Sika® Antisol® E-10 is a liquid, emulsified paraffin wax based curing compound for preventing water loss in concrete. The product is ready for use and easy to apply. Suitable for use in hot and tropical climatic conditions.

### USES

Sika® Antisol® E-10 is mainly used for structural concrete surfaces where subsequent surface treatment will not be required. Sika® Antisol® E-10 curing compounds are sprayed onto newly laid concrete surfaces to form a thin film barrier preventing premature water loss, without disturbance of the normal setting action. The concrete is then allowed to cure and achieve its maximum physical properties.

Sika® Antisol® E-10 is particularly useful in large areas of exposed concrete, such as:

- Roof decks
- Retaining walls
- Pre-stressed beams and piers
- Irrigation canals and channels

### FEATURES

- Reduces incidence of plastic cracking
- Ensures achievement of desired strengths
- Minimises shrinkage
- Reduces dusting
- Eliminates need for other costly methods of curing

### CERTIFICATES AND TEST REPORTS

Sika® Antisol® E-10 follows the requirements of ASTM C 309; Type 1; Class A

### PRODUCT INFORMATION

Composition	Paraffin wax
Packaging	20 L and 200 L drums
Shelf life	12 months from date of production if stored properly
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +50 °C. Mix well before using.
Appearance and colour	White liquid
Density	~0.98 kg/l (+25 °C)

### APPLICATION INFORMATION

Consumption	5—6 m <sup>2</sup> /l or 0.16—0.19 kg/m <sup>2</sup> The rate of coverage depends on wind speed, relative humidity, temperature conditions and surface profile of the concrete.
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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.

## LIMITATIONS OF USE

After application of Sika® Antisol® E-10, the treated area must be protected from rain for at least 2–3 h. Any remaining Sika® Antisol® E-10 curing film has to be removed prior to the application of any subsequent screed or coating.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Allow the surface water of the newly laid concrete to evaporate between ½ to 2 h depending on temperature before application.

Not suitable for application to dry surfaces.

### APPLICATION

Stir the Sika® Antisol® E-10 well before use.

The Sika® Antisol® E- range of curing compounds has been designed for spray application onto newly laid concrete.

Apply a thin, even, film of Sika® Antisol® E-10 to the whole surface using a hand or motor operated spray gun.

### CLEANING OF EQUIPMENT

After application clean all equipment and tools with soapy water.

## 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.

### Sika Gulf B.S.C. (c)

Tel: +973 177 38188

Email: info@bh.sika.com

Sika Kuwait Cons. Mat. & Paints Co WLL

Tel: +965 22 282 296

Email: sika.kuwait@kw.sika.com

Web: gcc.sika.com

### Sika UAE LLC

Sika MB Construction Chemicals LLC

Sika International Chemicals LLC

Tel: +971 4 439 8200

Email: info@ae.sika.com

Web: gcc.sika.com

### Sika Saudi Arabia Limited

Riyadh / Jeddah / Dammam / Rabigh

Tel: +966 11 217 6532

Email: info@sa.sika.com

Web: gcc.sika.com

### Sika LLC - Oman

Master Builders Solutions LLC

(part of Sika)

Tel. +968 22 826 500

Email: info@om.sika.com

Web: gcc.sika.com



ISO 9001, 14001, 45001 – SGS  
Sika UAE LLC  
Sika International Chemicals LLC  
Sika Gulf B.S.C. (c)  
ISO 9001, 14001 – SGS  
Sika Saudi Arabia Limited  
ISO 9001, 14001 – TÜV  
Sika MB Construction Chemicals LLC  
Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



### Product Data Sheet

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