

## PRODUCT DATA SHEET

# Sika® Antisol® E (WP) I

### PARAFFIN WAX EMULSION WHITE PIGMENTED CURING COMPOUND

#### DESCRIPTION

A ready to use, liquid curing compound based on paraffin and also White Pigmented to substantially increase light reflectance to effectively prevent premature water loss from the concrete both due to heat of hydration and sunlight.

#### USES

Sika® Antisol® E (WP) I is sprayed on to newly laid concrete surfaces to form a thin film barrier against premature water loss and thereby promote total cement hydration. It is particularly recommended for large areas of exposed concrete such as :

- Highways
- Runways and taxiways
- Aprons and hard standings
- Roof decks
- Canals linings

#### PRODUCT INFORMATION

<b>Composition</b>	Aqueous Wax Emulsion and Inorganic Pigment
<b>Packaging</b>	230 kg HDPE carboy
<b>Appearance / Colour</b>	White lump free liquid
<b>Shelf life</b>	6 months from date of production if stored properly in undamaged unopened, original sealed packaging.
<b>Storage conditions</b>	Store in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.
<b>Density</b>	0.99 ~ 1.02 kg/l at 25°C

#### CHARACTERISTICS / ADVANTAGES

Sika® Antisol® E (WP) I provides the following benefits:

- Reduces incidence plastic cracking
- Ensures achievement of designed strengths
- Minimises shrinkage
- Reduces surface dusting
- Eliminates expensive methods of curing such as hessian-watering, etc.

#### APPROVALS / CERTIFICATES

ASTM C 309-89 Type II Class A

## Specific Advice

After application the coating are must be protected from rain for at least 2–3 hours.

- To prevent clogging, regular cleaning of jet sprays during application is recommended.
- Sika® Antisol® E (WP) I can be sprayed using most common spraying equipment.
- Early application of Sika® Antisol® E (WP) I will help prevent plastic shrinkage cracks from occurring by reducing the amount of water evaporating. Concrete curing compounds, however, will not counter the effects of cracking that may occur as a result of long term drying shrinkage. Standard concrete practice must be applied when positioning construction joints and shrinkage control joints.

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## APPLICATION INFORMATION

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<b>Consumption</b>	0.10 to 0.20 kg/m <sup>2</sup> depending on wind, humidity and temperature. Actual dosage to be finalised on the basis of site trials.
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## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Clean surface, remove loose dust from the surface, oil stains must be removed.

### APPLICATION

Stir Sika® Antisol® E (WP) I well before application. Apply uniformly on to the newly laid concrete as soon as the surface water evaporates. Apply preferably using low pressure sprayer uniformly on concrete surface. Brush/Roller application could consume more. For vertical surfaces, apply immediately after removal of formwork. After application, the area must be protected from rain for at least 2-3 hours.

## FURTHER INFORMATION

Remaining Sika® Antisol® E (WP) I films must be removed prior to application of any screed, plaster or coatings on the concrete surface.

## BASIS OF PRODUCT DATA

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

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product

Data Sheet for the exact product data.

## 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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## 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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