

# Antisol® E

## Concrete curing membrane

### Product Description

Antisol® E is an emulsified paraffin based curing membrane. It is ready-for-use and simple to apply. Antisol® E will form a thin film, covering the surface of the concrete to prevent premature water loss due to evaporation.

### Uses

Antisol® E is used mainly for structural concrete surfaces where subsequent surface treatments will not be required, for example fair-faced concrete.

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 physical properties. Antisol® E is especially suitable for trafficable surfaces and in large areas of exposed concrete, such as:

- Highways
- Runways and taxiways
- Aprons and hardstandings
- Roof decks
- Retaining walls
- Pre-stressed beams and piers
- Precast elements

### Characteristics / Advantages

Antisol®-E provides the following beneficial properties to concrete surfaces:

- Reduces incidences of plastic cracking
- Enables achievement of desired strengths
- Minimises shrinkage
- Reduces dusting
- Replaces inconvenient curing methods such as hessian-watering, etc.

### Tests

**Approval / Standard** Antisol® E meets ASTM C 309-93 Type 1 Class A.

### Product Data

#### Form

**Appearance / Colour** White emulsified paraffin

**Packaging** 20 litre pails and 200 litre drums



## Storage

### Storage Conditions / Shelf Life

6 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +40°C

## System Information

### Application Details

#### Coverage

5 - 6.5 m<sup>2</sup> per litre depending on wind, humidity and temperature.

### Application Instructions

#### Application Method / Tools

Antisol® E curing membrane can be spray applied on to newly laid concrete. For wet mixes, apply after surface water has evaporated - between 0.5 – 2 hours (depending on temperature). For dry mixes, apply immediately. For large areas and concrete "trains", application can be carried out by power driven automatic equipment.

**Stir well before use.** After application, the area concerned must be protected from rain for at least 2 – 3 hours.

#### Cleaning of Tools

Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.

#### Notes on Application / Limitations

- Remaining Antisol® E films must be removed prior to application of any screed or coating. Antisol® E is transparent after curing
- After long storage, a curd-like layer may appear on the surface of Antisol® E. This will not affect the curing efficiency of the material provided it is used within the stated shelf life and has been stirred well before use

### Value Base

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.

## Health and Safety Information

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 (available on request) containing physical, ecological, toxicological and other safety-related data.

## Legal Notes

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Sika Singapore Pte Ltd  
200 Pandan Loop, 06-02 Pantech 21  
Singapore 128388  
SINGAPORE

Phone: +65 6777 2811  
Fax: +65 6779 6200  
e-mail: [info@sg.sika.com](mailto:info@sg.sika.com)  
[www.sika.com.sg](http://www.sika.com.sg)



Sika Kimia Sdn Bhd  
Lot 689 Nilai Industrial Estate  
71800 Nilai, Negeri Sembilan DK  
MALAYSIA

Phone: +606-7991762  
Fax: +606-7991980  
e-mail: [info@my.sika.com](mailto:info@my.sika.com)  
[www.sika.com.my](http://www.sika.com.my)

