

Antisol®-E

Concrete curing membrane

Construction

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 +30°C
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System Information

Application Details

Coverage	5 - 6.5 m ² per litre depending on wind, humidity and temperature.
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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.
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Cleaning of Tools	Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.
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Notes on Application / Limitations	<ul style="list-style-type: none"> ■ 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
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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.
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Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet (available on request) containing physical, ecological, toxicological and other safety-related data.
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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 Kimia Sdn Bhd
 Lot 689 Nilai Industrial Estate
 71800 Nilai, Negeri Sembilan DK
 MALAYSIA

Phone: +6 06 799 1762
 Fax: +6 06 799 1980
 e-mail: info@my.sika.com
www.sika.com.my

