

PRODUCT DATA SHEET

Sika® Antisol® E

CONCRETE CURING COMPOUND

DESCRIPTION

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

Sika® Antisol® E complies with ASTM C 309 type 1 Class A.

USES

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

Sika® 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.

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

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

CHARACTERISTICS / ADVANTAGES

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

- Reducing incidence of plastic cracking
- Enabling achievement of designed strength
- Minimizing shrinkage
- Reducing dusting
- Increasing frost resistance
- Alleviating other costly methods such as hessian-watering, etc.

PRODUCT INFORMATION

Chemical base	Emulsified paraffin
Packaging	5 / 25 / 200 L drum
Appearance / Colour	Liquid / White
Shelf life	Min. 4 months if stored properly in unopened, original packaging
Storage conditions	Dry, cool, shaded place
Density	~ 0.98

APPLICATION INFORMATION

Consumption	4 - 6 m ² /l, depending on wind, humidity and temperature
Equipment	Clean all tools and equipment with water. Hardened material can only be removed with solvents.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete surface must be free from surface water. Evaporation of the surface water can take from 30 mins to 2 hours, depending on temperature and water/ cement ratio.

APPLICATION

Sika® Antisol® E curing membrane can be spray applied on to newly laid concrete once the surface water has evaporated (between 30 min. to 2 hours depending on temperature). A thin film of Sika® Antisol® E is applied to the whole surface using a hand operated spray gun or using low pressure machine spray gun. For "stiff" or "no-slump" concrete mix, apply Sika® Antisol® E as soon as possible after final finishing work has been completed.

Stir well before use.

After application the area concerned must be protected from rain for at least 2 -3 hours.

IMPORTANT CONSIDERATION

- Sika® Antisol® E is supplied ready-to-use and shall be applied without any dilution.
- Remaining Antisol® E films have to be removed prior to application of any screed or coating. Sika® Antisol® E is transparent after curing.

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

Ecology: Do not dispose into water

Transportation class: Non-hazardous

Waste disposal: According to local law

Important notes: Contact with eyes, skin or mucous membrane may cause slight irritation.

Protects hands with rubber gloves and eyes with goggles during working with this product.

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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