

PRODUCT DATA SHEET

Sika® Antisol® E White

WHITE PIGMENTED CURING COMPOUND

DESCRIPTION

A liquid curing compound for the prevention of premature water loss in concrete. Ready for use and simple to apply.

USES

Sika® Antisol® E White pigment is sprayed onto newly 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. It is particularly useful in large areas of exposed concrete where a solar reflective membrane is preferred, such as :

- Highways
- Runways and taxiways
- Aprons and hardstandings

CHARACTERISTICS / ADVANTAGES

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

- Reduce incidence of plastic cracking
- Ensures achievement of desired strengths
- Minimises shrinkage
- Reduce dusting
- Alleviates other costly methods such as using wet hessian or watering

APPROVALS / CERTIFICATES

Complies with TIS 841-2548 (2005)

Radiation reflectance in accordance with JIS R3106

PRODUCT INFORMATION

Composition	Emulsified polyolefins, white pigmented
Packaging	20 kg can 200 kg drum 1 000 kg
Appearance / Colour	Whitish
Shelf life	9 months from the date of production If stored properly in undamaged, original, sealed packaging.
Storage conditions	Store in dry and cool conditions, protected from direct sunlight.
Density	Approx 1.0 kg/l (at temperature 25°C)

APPLICATION INFORMATION

Consumption	0.15 – 0.20 kg/m ² Depending on wind, humidity and temperature
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APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The surface water of the newly laid concrete must have evaporated (between 1/2 to 2 hours, depending on temperature, etc.)

APPLICATION

Stir well before use !

Sika® Antisol® E White has been designed for spray application to the newly laid concrete. A thin film of Sika® Antisol® E White is applied to the whole surface using a hand or spray gun.

Remaining Antisol® films have to be removed prior to application of any screed or coating. After application the treated area must be protected from rain for at least 2 – 3 hours.

IMPORTANT CONSIDERATIONS

To prevent clogging, regular cleaning of jet sprays during application is recommended.

Sika® Antisol® E White can be sprayed using most common spraying equipment.

Sika® Antisol® E White should NOT be overcoated with other coating or treatments.

If material is to be applied over the top of surface treated with Sika® Antisol® E White, sandblasting or solvent treatment is recommended as surface preparation.

Early application of Sika® Antisol® E White 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.

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.

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 the exact product data and uses.

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 Safety Data Sheet (SDS) 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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