BUILDING TRUST

PRODUCT DATA SHEET

Sika® Antisol® E

Concrete curing agent

DESCRIPTION

Sika® Antisol® E is a ready to use spray applied liquid wax emulsion curing agent to prevent water loss from the surface of freshly placed concrete. It forms a thin film barrier on the concrete without affecting the normal setting action.Sika® Antisol® E complies with ASTM C309-81 type 1 or 2 Class A

USES

Large areas of exposed concrete such as:
- Roads and Highways
- Runways
- Roof decks
- Hangars and loading areas
- Retaining walls
- Pre-stressed structures
- Irrigation channels
- Civil Engineering structures
- Industrial floor slabs

CHARACTERISTICS / ADVANTAGES

- Generally improves the surface appearance
- Reduces cracking
- Ensures achievement of required strengths
- Reduces shrinkage
- Controls cement hydration
- Reduces dust formation
- Improves freeze / thaw resistance
- Alleviates other costly curing methods

PRODUCT INFORMATION

Packaging	25 and 200 ltr drum. Refer to current price list for packaging variations.
Appearance / Colour	Liquid white pigmented emulsion
Shelf Life	12 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.
Density	~0,98 ± 0,05 kg/l

APPLICATION INFORMATION

Consumption	0,15–0,20 kg/m² Consumption depends on wind speed, temperature and humidity during application. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.

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.

LIMITATIONS

- To prevent the nozzle from blocking, regularly clean the spraying equipment during application.
- After application protect from rain for at least 2–3 hours, depending on the ambient conditions.
- Sika® Antisol® E must be removed before the application of any additional screed or coating.

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.

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

Stir thoroughly before use to ensure full dispersion of solids.
Spray product in a fine mist to completely cover the concrete surface. Maintain the pressure in the application equipment to ensure a consistent spray.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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