

PRODUCT DATA SHEET

Sika® Antisol® AC

WATER BASED CURING COMPOUND

DESCRIPTION

Sika® Antisol® AC is an acrylic modified emulsion used as a liquid curing membrane for protecting concrete from loss of water during the early stage of the curing period. Sika® Antisol® AC meets the requirements of AS3799-1998 and exhibits excellent durability as a concrete sealer.

USES

Sika® Antisol® AC is used to slow down the rate at which water evaporates from the concrete to cure more efficiently and achieve maximum performance properties. Antisol can be used on:

- General concrete requiring curing.
- Concrete Infrastructure such as roads, bridges and runways, etc.
- Decorative concrete both indoors and outdoors.

CHARACTERISTICS / ADVANTAGES

- Reduces the incidence of plastic shrinkage cracking.
- Improves strength and durability of concrete.
- Reduces surface dusting.
- Increases abrasion resistance.
- Reduces the permeability of concrete.
- Economical and easy to apply.
- Excellent performance on large concrete areas.
- Dries to a clear finish.
- Achieves water retention of 90% or greater.
- Water based.
- Seals concrete surface.

APPROVALS / STANDARDS

Complies to AS3799-1998

PRODUCT INFORMATION

Packaging	20 litres, 200 litres
Appearance / Colour	Milky white emulsion
Shelf Life	At least one (1) year from the production date.
Storage Conditions	Store at temperatures between 5°C and 35°C in the original containers, protected from direct sunlight and frost.

TECHNICAL INFORMATION

Specific Advice	Drying time: <ul style="list-style-type: none"> ▪ Tack free 1 – 3 hours ▪ Hard dry 4 - 8 hours ▪ Trafficable 24 hours Efficiency: >90%
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APPLICATION INFORMATION

Consumption 5 m²/litre approximately

Ambient Air Temperature +10°C to +35°C

APPLICATION INSTRUCTIONS

APPLICATION

Sika® Antisol® AC is supplied ready to use and should not be diluted. Stir thoroughly before use.

Sika® Antisol® AC should be applied at the specific coverage to achieve a thin and even film. Application should proceed immediately after the desired concrete surface finish has been attained, ensuring all surface bleed water has disappeared before hand.

Sika® Antisol® AC is best applied by spray, but may also be applied by brush, roller or broom.

Sika® Antisol® AC performs best when one full coat is continually applied until uniform film is achieved.

Cleaning of Equipment: Equipment used to mix and apply Sika® Antisol® AC should be washed immediately after use with water.

LIMITATIONS

- Sika® Antisol® AC should be protected from rain and traffic for three (3) hours after application, or until the membrane has completely dried.
- To prevent clogging, regular cleaning of jet sprays during application is recommended.
- **Overcoating:** Sika® Antisol® AC should ideally be left for 28 days before being overcoated with other coating or treatments. Tests are recommended first.
- Early application of Sika® Antisol® AC to the concrete surface will help reduce shrinkage cracks from occurring by significantly reducing the amount of water evaporating from the concrete after the coating has been applied. However, curing compounds will not prevent the effects of any cracking that may occur as a result of thermal contraction, long term drying shrinkage or slab designs which restrain lateral movement. Careful attention must always be paid to the positioning of construction joints and shrinkage control joints.

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 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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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