

PRODUCT DATA SHEET

Sika® Antisol® A-4

Water dispersed, acrylic copolymer based concrete curing compound

DESCRIPTION

Sika® Antisol® A-4 is a water dispersed acrylic copolymer based curing compound. It is ready to use and simple to apply. Sika® Antisol® A-4 will form a thin film, covering the surface of the concrete to prevent premature water loss due to evaporation.

USES

Sika® Antisol® A-4 is sprayed on to newly laid concrete surfaces to form a thin film barrier against premature water loss, without disturbing the normal setting action.

CHARACTERISTICS / ADVANTAGES

Sika® Antisol® A-4 provides the following beneficial properties to the concrete surfaces:

- Reduces incidence of plastic cracking
- Reduces shrinkage
- Reduces surface dusting

APPROVALS / STANDARDS

ASTM C309, Type I, Class B

PRODUCT INFORMATION

Chemical Base	Water-dispersed, acrylic copolymer
Packaging	20 litre pails, 200 litre drums, and 1000 litre IBCs
Appearance / Colour	Milky white liquid
Shelf Life	6 months from date of production if stored properly in unopened original packaging.
Storage Conditions	Store in dry condition at temperatures +5 to +30°C. Protect from frost and direct sun light.
Density	~ 1.01 kg/l @ 25°C

APPLICATION INFORMATION

Consumption	5 to 6.5 m2 per litre depending on wind, humidity and temperature condition. Actual dosage to be finalised on the basis of site trials.
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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.

FURTHER DOCUMENTS

Sika® Antisol® A-4 is transparent after curing. Do not apply Sika® Antisol® A-4 on contaminated concrete surfaces (mould release agent, oil, stains, etc.) as this can lead to concrete stains.

Overcoating

Sika® Antisol® A-4 can usually be overcoated - suitable for use with acrylic paints only. Tests are recommended first.

Sika® Antisol® A-4 must be completely removed before applying other treatments or coatings.

Sika® Antisol® A-4 can only be removed by mechanical abrasion e.g. diamond grinding.

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

APPLICATION

Spray application on newly laid concrete as soon as surface water evaporates. Roller and brush can be used for hardened concrete.

For vertical surfaces, apply immediately after removal of formwork.

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

Regular cleaning of spray jets is recommended during application to prevent clogging

Early application of Sika® Antisol® A-4 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.

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. 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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