

PRODUCT DATA SHEET

Sika® Antisol® A (NZ)

ACRYLIC BASED CONCRETE CURING COMPOUND

DESCRIPTION

Sika® Antisol® A (NZ) is a liquid applied curing membrane for the protection of concrete from loss of water during the early age curing period.

USES

Sika® Antisol® A (NZ) is sprayed onto newly laid concrete surfaces and will not affect the normal setting action of the concrete. A thin film barrier is formed to slow down the rate at which water evaporates from the concrete surface during the first few crucial days of curing. This enables more water to be available for the hydration reaction of the cement particles. The concrete can then cure more efficiently to achieve maximum performance properties.

CHARACTERISTICS / ADVANTAGES

The use of Sika® Antisol® A (NZ) eliminates the need for costly and impractical curing methods such as wet hessian, polythene sheeting, continuous watering, ponding, etc.

Sika® Antisol® A (NZ) will assist in providing the following beneficial properties when applied to freshly placed concrete surfaces:

- Reduction in the incidence of shrinkage cracking
- Improved strength and durability of the concrete
- Reduction in surface dusting
- Increased abrasion resistance
- Reduction in permeability of the concrete

PRODUCT INFORMATION

Chemical Base	Water based acrylic resin
Packaging	20 litres and 200 litres
Appearance / Colour	White liquid
Shelf Life	Twelve (12) months from date of manufacture when stored as stated.
Storage Conditions	Keep containers closed and do not expose to direct sunlight. Store between +5°C and +30°C.
Density	1.02 kg/litre

APPLICATION INFORMATION

Consumption	5 - 7 m ² /litre
Ambient Air Temperature	Minimum +5°C

APPLICATION INSTRUCTIONS

APPLICATION

Mixing: Sika® Antisol® A (NZ) is supplied in a ready to use form and should not be diluted. Always stir Sika® Antisol® A (NZ) thoroughly before use. **Application:** Sika® Antisol® A (NZ) should be applied with hand held spray equipment at the specified coverage rate to achieve a thin and even film. Application should proceed immediately after the desired concrete surface finish has been attained. It is important to ensure that any surface 'bleed water' has disappeared prior to application. Once Sika® Antisol® A (NZ) has been applied, protection against further water loss will start almost immediately.

Cleaning: Clean up with cold water immediately after use. If cured use mineral solvent.

FURTHER DOCUMENTS

Overcoating

- Yes, Sika® Antisol® A (NZ) can usually be overcoated - suitable for use with acrylic paints only. Tests are recommended first.
- Sika® Antisol® A (NZ) must be completely removed before applying other treatments or coatings.
- Sika® Antisol® A (NZ) can only be removed by mechanical abrasion e.g. diamond grinding.

LIMITATIONS

- Protect Sika® Antisol® A (NZ) from rain and traffic for 3 hours after application, or until the membrane has dried
- Regular cleaning of spray jets is recommended during application to prevent clogging
- Early application of Sika® Antisol® A (NZ) 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.

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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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