

PRODUCT DATA SHEET

Antisol® S

CURING COMPOUNDS

DESCRIPTION

A liquid curing compound for the prevention of premature water loss in concrete

USES

Antisol® S is applied to fresh concrete surfaces to form an impervious layer which protects the concrete from rapid water evaporation during initial curing stages.

Antisol® S is particularly useful in:

- Buildings
- Manufacturing industries

CHARACTERISTICS / ADVANTAGES

Antisol® S provides the following beneficial properties to concrete surfaces:

- Reduces incidence of plastic shrinkage
- Reduces dusting
- As a concrete curing system which subsequent surface treatments or paints are to be applied

PRODUCT INFORMATION

Chemical Base	Sodium Silicate
Packaging	20 kg can 220 kg drum
Appearance / Colour	Liquid / Transparent
Shelf Life	12 months if stored properly in unopened original container
Storage Conditions	Store in dry, cool and shaded place
Density	~1.1 kg/L (at +20 °C)

APPLICATION INFORMATION

Consumption	0.15 – 0.20 kg/m ² . Depending on wind, temperature, humidity and the roughness of concrete surface.
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APPLICATION INSTRUCTIONS

APPLICATION

Vertical Surfaces

After striking shutters dampen down the concrete thoroughly with fresh water allow the surface water to drain off then apply Antisol® S either with standard spray equipment or a lambs wool roller (spray applications are preferred for full coverage).

Observe that the surface is fully wetted. Where a highly durable abrasion resistant surface is required, i.e. in severe exposure conditions, apply a further coat of Antisol S after 3 days. Subsequent surfacing systems can be applied after 7 days.

Horizontal Surfaces

Apply Antisol® S with spray equipment or a lambs wool roller immediately after final trowelling when all bleed water has disappeared. Ensure full surfaces wetting and apply not less than the coverage specified below

LIMITATION

- To prevent clogging, regular cleaning of jet sprays during application is recommended
- Antisol S can be sprayed using most common spraying equipment.
- Early application of Antisol® will help reduce 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 apply when positioning 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 declared data and recommended uses for this product may vary from country to country. Please 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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