

PRODUCT DATA SHEET

Sika® Antisol® S

CONCRETE CURING COMPOUND

DESCRIPTION

Sika® Antisol® S is a ready-to-use aqueous solution of metallic silicate. When applied to fresh concrete, Sika® Antisol® S forms a micro-crystalline seal in the concrete pores reducing the evaporation rate of moisture from the mix, and thus assisting in the complete hydration of the cement. It is chloride free.

USES

Sika® Antisol® S is particularly recommended for the treatment of vertical surfaces which are to receive subsequent treatments where resin based curing membranes would be unsuitable because of their uncertain film breakdown, and the effect on the performance of further surface treatments.

Sika® Antisol® S may be applied to “green” concrete to increase the density of the cured surface thus improving its subsequent durability.

CHARACTERISTICS / ADVANTAGES

- Non-toxic
- Helps concrete to attain maximum hydration, strength, durability and surface hardness
- Becomes an integral part of the surface which assists long term curing and gives dust proofing properties
- Non-flammable and suitable where solvent based systems are undesirable
- Reduces shrinkage with associated hairline cracking and crazing in vertical and horizontal applications
- When used correctly, adhesion of subsequent treatments to concrete surface is not impaired
- Allowing light foot traffic after 24 hours

PRODUCT INFORMATION

Chemical base	Sodium silicate
Packaging	5 / 25 / 200 L drum
Appearance / Colour	Liquid / Blue, contains fugitive dye
Shelf life	Min. 3 years if stored properly in unopened, original packaging.
Storage conditions	Dry, cool, shaded place
Density	~ 1.13

APPLICATION INFORMATION

Consumption	4 - 5 m ² /l, depending on wind, humidity and temperature
--------------------	--

APPLICATION INSTRUCTIONS

APPLICATION

Vertical surfaces:

After striking shutter, dampen down the concrete thoroughly with fresh water. Allow the surface water to drain off before applying Sika® Antisol® S either with standard spray equipment or brush (spray applications are preferred for full coverage). Observe that the surface is fully wetted.

Horizontal surfaces:

Apply Sika® Antisol® S with spray equipment immediately after trowelling when all bleed water has disappeared. Ensure that the surface is free of water and do not, in any instance, apply less than the recommended coverage.

To obtain optimum performance from the system, it is recommended that Sika® Antisol® S should be applied at the earliest practical application after the concrete surface is ready to receive the curing compound.

All surfaces:

If the concrete is exposed to direct sunlight with high temperature (plus 23°C) or severe dry wind, protect the surface with a polyethylene sheet of 2 - 3 hours after applying Sika® Antisol® S to allow time for crystal formation. The polyethylene sheet should be in direct contact with the surface to maximise the benefits.

Cleaning: Ensure all equipment is cleaned thoroughly by means of clean water.

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 for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

Ecology: Do not dispose into water

Transportation class: Non-hazardous

Waste disposal: According to local law

Precautionary measures: Avoid contact with skin, glass and paintwork as this product is alkaline. Wear gloves and goggles.

Sika® Antisol® S is non-hazardous in normal use, but in the event of accidental spillage, wash off with copious amounts of cold water.

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.

Sika Limited (Vietnam)

Nhon Trach 1 Industrial Zone,
Nhon Trach Dist., Dong Nai Province,
Tel: (84-251) 3560 700
Fax: (84-251) 3560 699
sikavietnam@vn.sika.com
vnm.sika.com



Product Data Sheet
Sika® Antisol® S
June 2019, Version 01.01
021405031000000008

SikaAntisolS-en-VN-(06-2019)-1-1.pdf