

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. Sika® Antisol® A-4 is suitable where subsequent surface treatment with acrylic paints and polymer modified mortar or plaster etc. are required.

FEATURES

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

- Clear, non-staining, non toxic
- Reduces incidence of plastic cracking
- Reduces shrinkage
- Reduces surface dusting
- Eliminates expensive methods of curing such as hessian-watering, etc.

CERTIFICATES AND TEST REPORTS

ASTM C309, Type I, Class B

PRODUCT INFORMATION

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|------------------------------|---|
| Composition | Water-dispersed, acrylic copolymer |
| Packaging | 230kg |
| Appearance and 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 +10 to +40°C. Protect from frost and direct sun light. |
| Density | ~ 1.01 kg/l @ 25°C |

Specific advice

After application the coating are must be protected from rain for at least 2 – 3 hours.

- To prevent clogging, regular cleaning of jet sprays during application is recommended.
- Sika® Antisol® A-4 can be sprayed using most common spraying equipment.
- Sika® Antisol® A-4 can be overcoated with other coating.
- Early application of Sika® Antisol® A-4 will help prevent 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 applied when positioning construction joints and shrinkage control joints.

APPLICATION INFORMATION

Consumption

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

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 DOCUMENTATION

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 and reduce the bond of subsequent coats

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

SUBSTRATE QUALITY / PRE-TREATMENT

Clean concrete surface before application. Remove loose materials, dust and oil stains.

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.

Impetus Center, 242/B, (8th Floor),

Bir Uttam Mohan Market, Dhaka
(Tejgaon-Gulshan Link Road),

Dhaka -1208, Bangladesh

Tel +880 1313095060, +880 1313095061

<https://bdg.sika.com/>

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.

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.

SikaAntisolA-4-en-BD-(12-2025)-1-2.pdf

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December 2025, Version 01.02

021405031000000127

