BUILDING TRUST
CONSTRUIRE LA CONFIANCE

PRODUCT DATA SHEET

Sika® Antisol®-115

White pigmented curing compound

PRODUCT DESCRIPTION

Sika® Antisol®-115 is a liquid curing compound for the prevention of premature water loss in concrete. Sika® Antisol®-115 is sprayed onto newly concrete surfaces to form a thin film barrier against premature water loss. Without disturbance to the normal setting action, the concrete is then allowed to cure and achieve maximum properties.

WHERE TO USE

Sika® Antisol®-115 is particularly useful in large areas of exposed concrete where a solar reflective membrane is preferred, such as:

- Highways, runways and taxiways
- Aprons and hardstandings
- Bridges, tunnels
- Concrete floors, pavements, sidewalks and structures

CHARACTERISTICS / ADVANTAGES

- Ready for use and easy to apply.
- Water-based compound
- Minimized excessive surface shrinkage
- Reduces the potential for plastic cracking
- Improves the surface strength, abrasion resistance, and durability of the concrete
- Low VOC content

APPROVALS / CERTIFICATES

- Tested in accordance with ASTM C309, Type 2, Class A and B

PRODUCT INFORMATION

Composition / Manufacturing	Emulsified polyolefins, white pigments
Packaging	200 L (52.8 US gal) drum
Appearance / Colour	Liquid / White
Shelf Life	12 months, when stored in original, unopened containers
Storage Conditions	Store in dry and cool conditions, protected from direct sunlight, at temperatures between 4 °C and 32 °C (40 °F and 90 °F). Do not use product that has been frozen.
Density	Approx 1.0 kg/L (8.35 lb/US gal)
Volatile organic compound (VOC) content	30 g/L

Solar Reflectance	Daylight Reflectance	Pass	(ASTM E1347)
Water Retention	Water Loss (72 h)	Pass	(ASTM C156)

APPLICATION INFORMATION

Consumption	4.9 m^2/L (200 ft^2/US gal) **Note:** Coverage rates vary with surface texture and porosity, ambient and surface temperatures, method of application.
Drying time	Pass (ASTM C309)

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

WHERE TO USE

Sika® Antisol®-115 must not be covered with other coatings or subsequent treatments. If material is to be applied over the top of surface treated with Sika® Antisol®-115, sandblasting or solvent treatment is recommended as surface preparation.

LIMITATIONS

Early application of Sika® Antisol®-115 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 concreting practice must be apply when positioning construction joints and shrinkage control joints.

ENVIRONMENT, HEALTH & 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

SURFACE PREPARATION

The surface water of the newly poured concrete must have evaporated (between 30 minutes to 2 hours, depending on temperature, humidity, weather conditions, etc.).

MIXING

No mixing required. Sika® Antisol®-115 is a ready-to-use product. Stir well before use.

APPLICATION

Sika® Antisol®-115 has been designed for spray application using standard spraying equipment.

Sika® Antisol®-115 should be applied in a thin coat over the entire surface of freshly poured concrete, at a recommended rate of 4.9 m^2/L (200 ft^2/US gal), using a hand-held spray gun or other suitable spraying equipment. After application the treated surfaces are must be protected from rain for at least 2 – 3 hours.

Note: To prevent clogging, regular cleaning of jet sprays during application is recommended.

CLEANING

Clean all tools and equipment immediately after use with water. Cured product, material can be removed with xylene or mineral spirits.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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