

PRODUCT DATA SHEET

Sika® Antisol® A-1

CONCRETE CURING COMPOUND

DESCRIPTION

A curing compound based on aluminised synthetic resin for the prevention of premature water loss from concrete. It is in ready to use form and simple to apply.

USES

Sika® Antisol® A-1 is sprayed on to newly laid 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.

Sika® Antisol® A-1 is particularly useful in large areas of exposed concrete such as :

- Highways
- PQC roads
- Runways and taxiways
- Aprons and hard standings
- Roof decks
- Retaining walls
- Canals etc.

CHARACTERISTICS / ADVANTAGES

Sika® Antisol® A-1 provides the following beneficial properties to concrete surfaces:

- Reduces incidence plastic cracking
- Ensures achievement of desired strength
- Minimises shrinkage
- Reduces dusting
- Increases frost resistance
- Alleviates other costly methods such as hessian-watering, etc

APPROVALS / STANDARDS

ASTM C309, BS 7542

PRODUCT INFORMATION

Chemical Base	Aluminium and synthetic resin based
Packaging	200kg in Drum
Appearance / Colour	Aluminized thin liquid
Shelf Life	6 months from date of production if stored properly in undamaged unopened, original sealed packaging.
Storage Conditions	Store in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.
Density	0.90 ~ 0.94 kg/l at 30°C

TECHNICAL INFORMATION

Specific Advice

Remaining Sika® Antisol® A-1 films must be removed prior to application of any screed, plaster or coating on the concrete surface.

APPLICATION INFORMATION

Consumption

0.10 to 0.20 kg/m² depending on wind, humidity and temperature. Actual dosage to be finalised on the basis of site trials.

APPLICATION INSTRUCTIONS

APPLICATION

Sika® Antisol® A-1 has been designed for spray application to the newly laid concrete once the surface water has evaporated. A thin layer of Sika® Antisol® A-1 is then applied to the whole surface using a hand operated spray gun. For large areas application can be done by power driven automatic equipment. Stir well before use. After application the area concerned must be protected from rain for at least 2-3 hours.

LIMITATIONS

Clean all tools and application equipment with petrol or diesel immediately after use.

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

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.

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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