Construction

Antisol®-A

Concrete curing compounds

Product 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	Antisol®-A 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. Antisol®-A is particularly useful in large areas of exposed concrete such as : ■ Highways ■ Runways and taxiways ■ Aprons and hardstandings ■ Roof decks ■ Retaining walls ■ Canals etc.
Characteristics / Advantages	Antisol®-A 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
Test	
Approval Standard	ASTM C309-89, Class B and BS 7542-1992

Product Data

Form	
Aspect	Aluminized thin liquid
Packaging	80 kg

Storage	
Storage Conditions / Shelf-Life	365 days from date of manufacturing when stored properly in unopened original packaging . Keep in cool and dry place away from direct sunlight. Protect from frost.

Technical Data	
Specific gravity	0.84 – 0.87 kg/l at 30ºC

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System Information

Application Details

Consumption / Dosage	0.10 to 0.20 kg/m^2 depending on wind, humidity and temperature. Actual dosage to be finalised on the basis of site trials.
Application Method/ Tools	Antisol®-A has been designed for spray application to the newly laid concrete once the surface water has evaporated. A thin layer of Antisol®-A is then applied to the whole surface using a hand operated spraygun. 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.
Notes on Application/Limitations	Remaining Antisol®-A films must be removed prior to application of any screed, plaster or coating on the concrete surface.
Cleaning of Tools	Clean all tools and application equipment with petrol immediately after use.

Value Base

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.

Health and Safety Information

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.