

Antisol®-S

Concrete curing compounds

Product Description	Liquid curing compound for preventing water loss in concrete. Ready for use and simple to apply. Antisol®-S complies with UNI 8565 Class 1.
Uses	<p>Antisol®-S is sprayed onto newly laid concrete surfaces to form a thin film barrier against premature water loss. The product develops a waterproof and sealing film of a subgrade – adhering microcrystalline nature. Without disturbance to the normal setting action, the concrete is allowed to cure and achieve maximum properties.</p> <p>Antisol®-S is particularly useful in large areas of exposed concrete, where there is high danger for premature evaporation from direct sunlight and wind, such as:</p> <ul style="list-style-type: none">▪ Highways▪ Runways and taxiways▪ Aprons and hard standings▪ Roof decks▪ Retaining walls▪ Pre-stressed beams and piers▪ Irrigation canals / channels
Characteristics / Advantages	<ul style="list-style-type: none">▪ Transparent, water soluble, does not stain concrete▪ Reduces incidence of plastic cracking▪ Ensure achievement of desired strengths▪ Minimizes shrinkage▪ Reduces dusting▪ Increases frost resistance▪ Alleviates other costly methods such as hessian-watering▪ Does not affect adhesion of subsequent coatings in concrete surface▪ Horizontal surfaces are footfall after 24 hours
Product Data	
Form	
Appearance / Colours	Liquid, transparent
Packaging	25 lit & 200 lit drums 1000 lit IBC tankers in Bulk
Storage	
Storage Conditions / Shelf-Life	9 months from date of production if stored properly in unopened original packaging at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.
Technical Data	
Density	1.10 – 1.12 kg/l
pH Value	11.5 ± 1

System Information

Application Details

Consumption / Dosage

The consumption depends on wind, humidity and temperature.

As a general guide: 0.18 - 0.20 kg/m².

Application Method / Tools

Antisol[®]-S curing membrane has been designed for spray application to the newly laid concrete. A thin film of Antisol[®]-S is applied to the whole surface using a hand or motor operated spray gun at 1 atm pressure. For large areas and concrete "trains", application can be carried out by power driven automatic equipment.

The application must be carried out immediately after casting, making sure that a thin uniform layer has covered the entire surface.

In vertical surfaces spray firstly all of the surface with water after demoulding and then follow with application of Antisol[®]-S.

In horizontal surfaces apply immediately after levelling or finishing.

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.

Local Restrictions

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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.



Sika Abyssinia Chemicals Manufacturing PLC
 Sebeta, Welete
 500m on the Street in front of TOTAL Gas Station
 P.O. Box 1596-1110,
 Ethiopia

Phone: +251 113679748
 +251 116182605
 e-mail: sika@et.sika.com
 Website: www.eth.sika.com