

Antisol[®] HR

Hydrocarbon resin based curing compound

Construction

Description	Antisol [®] HR is a hydrocarbon resin based liquid curing membrane for protecting concrete from loss of water during the early stage of the curing period. It complies and exceeds all the requirements of AS3799-1998.
Uses	Antisol [®] HR is used to slow down the rate at which water evaporates from the concrete to cure more efficiently and achieve maximum performance properties. Antisol can be used on: <ul style="list-style-type: none"> • General concrete requiring curing. • Road decks. • Runways. • Bridge works.
Advantages	<ul style="list-style-type: none"> • Reduces the incidence of plastic shrinkage cracking. • Improves strength and durability of concrete. • Reduces surface dusting. • Increases abrasion resistance. • Reduces the permeability of concrete. • Economical and easy to apply. • Excellent performance on large concrete areas.
Storage and Shelf life	Stored at temperatures between 5°C and 35°C in unopened original containers, protected from direct sunlight and frost, shelf life is at least twelve (12) months.
Instructions for Use	
Mixing	Antisol [®] HR is supplied ready to use and should not be diluted. Stir thoroughly before use.
Application Method	<p>Antisol[®] HR should be applied by handheld spray equipment at the specific coverage to achieve a thin and even film. Application should be proceed immediately after the desired concrete surface finish has been attained, ensuring all surface bleed water has disappeared before hand.</p> <p>Antisol[®] HR performs best when one full coat is continually applied until uniform film is achieved.</p>
Cleaning	Equipment used to mix and apply Antisol [®] HR should be washed immediately after use with mineral solvent.

Technical and Physical Data

Form	Liquid blend of petroleum and hydrocarbon resins
Colour	Honey coloured (no dye) Green (fugitive dye)
Density (20°C)	0.9 kg/litre approx.
Flash point	38°C
Coverage	5 m ² /litre approx
Drying time	1 to 2 hours approx at 25°C
Efficiency (AS 3799 – 1998)	> 90%
Packaging	20 litres pail 205 litres drum

Important note

- Concrete staining may occur if Antisol[®] HR is applied to dry surfaces.
 - Antisol[®] HR should be protected from rain and traffic for three (3) hours after application, or until the membrane has completely dried.
 - To prevent clogging, regular cleaning of jet sprays during application is recommended.
 - Antisol[®] HR should not be overcoated with other coatings or treatments. If material is to be applied over the top of a surface treated with Antisol HR, sandblasting or solvent treatment is recommended as surface preparation.
 - Early application of Antisol[®] HR will help prevent plastic shrinkage cracks from occurring by reducing the amount of water evaporating. Concrete curing compound, however, will not counter the effects of cracking that may occur as a result of long term drying shrinkage. Good concrete practices must apply when positioning construction joints and shrinkage control joint.
-

Handling Precautions

- Avoid contact with eyes and skin.
 - Wear protective gloves and eye protection during work.
 - If skin contact occurs, wash skin thoroughly.
 - If in eyes, hold eyes open, flood with warm water and seek medical attention immediately.
 - A full Material Safety Data Sheet is available from Sika on request.
-

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.
