



Sika[®] Antisol[®] S

Concrete Curing Membrane

Technical Data Sheet

DESCRIPTION

An aqueous solution of metallic silicates which when applied to fresh concrete forms a microcrystalline seal in the pores reducing the evaporation rate of moisture from the mix and thus assisting in the complete hydration of the cement.

USES

- * On all types of concrete

ADVANTAGES

- * Clear non staining, water based
- * Helps concrete attain maximum hydration strength durability and surface hardness
- * Becomes an integral part of the surface which assists with the long term curing and gives dust proofing properties
- * Non flammable
- * Shrinkage with associated hairline cracking and crazing will greatly reduce
- * Allows light foot traffic after 24 hours

Technical Data (typical)

Form:	Liquid
Colour:	Pale
Spread Rate:	5.5 sq metres/litre
Average Water Loss:	1.42 Kg/sq metre

All above values are approximate.



METHOD OF USE

The performance of the system is improved by it being applied as quickly as possible after the concrete has been cast.

Ensure there is no free water on the surface at the time of spraying, where excessive conditions like a drying wind is prevalent it is recommended that Antisol S be used in conjunction with a polythene sheet. This will aid the system during the first hour while the silicates form.

DISPENSING

On vertical surfaces after striking shutters always damp down concrete thoroughly with clean water and then spray **Antisol S** at 5.5–6.0 sq metres/litre.

On horizontal surfaces **Antisol S** should be applied at the above rate immediately after final tamping trowling or floating.

IMPORTANT NOTES

Avoid contact with skin, glass and paintwork as the product is alkaline. Wear gloves and goggles.

CLEANING EQUIPMENT

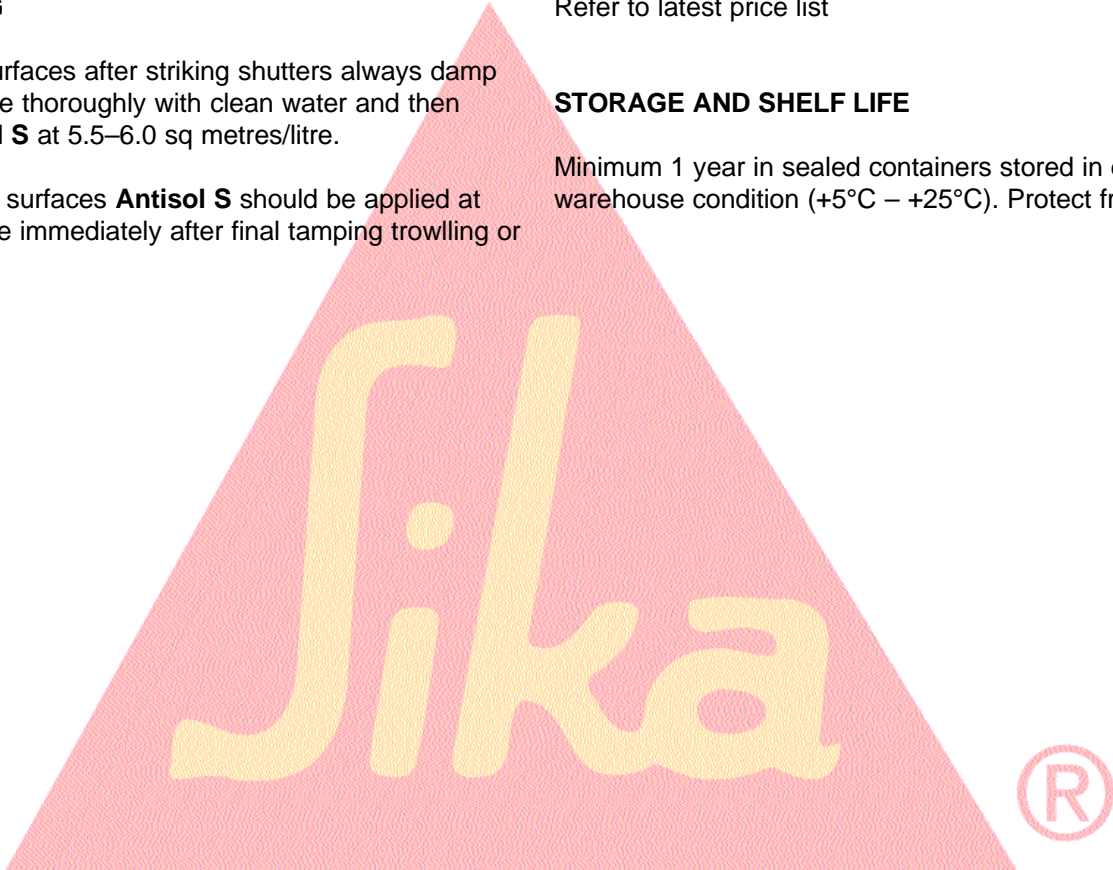
Wash with water

PACKAGING

Refer to latest price list

STORAGE AND SHELF LIFE

Minimum 1 year in sealed containers stored in dry warehouse condition (+5°C – +25°C). Protect from frost.



Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

Important Note

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 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 to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Please consult our Technical Sales Department for further information

SIKA LIMITED

Watchmead, Welwyn Garden City, Hertfordshire, AL7 1BQ

Tel: 01707 394444 Email: sika@uk.sika.com

Fax: 01707 329129 www.sika.com

