BUILDING TRUST

PRODUCT DATA SHEET

Sika® Antisol®-260 PH

Hardening, sealing and dustproofing compound

DESCRIPTION

Sika® Antisol®-260 PH is a non-coloured, water soluble inorganic and silicate based curing, hardening, sealing and dustproofing compound. It is used for freshly placed and finished concrete and in renovation of aged concrete. It has very low VOC.

USES

Sika® Antisol®-260 PH is recommended for the following application :

- Concrete floors and pavements
- Curing of fresh concrete
- Renovation of aged concrete
- Industrial, processing and brewing plants
- Educational, medical and nursing facilities
- Utility, public and residential building

CHARACTERISTICS / ADVANTAGES

- Projects floors during construction – Cost efficient
- Easy application, quick drying - Saves on labour; minimises downtime.
- Water based - has low VOC, environmentally friendly, easy to clean up.
- Aid for curing new concrete - Minimises shrinkage cracking; improves strength development.
- Concrete hardener – Withstands light to moderately heavy duty traffic.
- Improved abrasion resistance – Extends wearability.

PRODUCT INFORMATION

Packaging	210 Liters Drum
Appearance / Colour	Turbid liquid (may turn yellowish during storage)
Shelf Life	12 months from date of production if stored properly
Storage Conditions	Store properly in unopened and undamaged original sealed containers protected from direct sunlight & moisture at temperatures between +5°C and +30°C.
Solid Content	20 - 23%
Specific gravity	1.15 - 1.19

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.

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 Safety Data Sheet containing physical, ecological, toxicological and other safety related data.

APPLICATION INSTRUCTIONS

Surface preparation

New Concrete
Freshly finished concrete surfaces do not require surface preparation if Sika® Antisol®-260 PH is to be applied immediately after the final finishing operation in place of a resin or acrylic curing compound. On areas where forms have been recently removed, all form oil or breaking compound residue must be removed.

Existing Concrete (Cured for 28 days or more)
Install joint sealants before application of Sika® Antisol®-260 PH. If not possible, test first for adhesion.
To remove all dust and dirt, sweep all areas to be treated with a fine-bristled broom or hose off with water and let stand until completely dry. The surface must be free from all contaminates that will inhibit the penetration of Sika® Antisol®-260 PH into the pores of the concrete.
Any curing, scaling or coating agents must be chemically or mechanically removed before Sika® Antisol®-260 PH is applied. If acid is used to remove surface coatings, the surface must be flushed sufficiently and neutralized before application of Sika® Antisol®-260 PH. A floor buffing machine with an aggressive pad can be used along with Citrus Degreaser (see Form ANO. 1017985) or other cleaners to remove existing compounds.
Protect metal, glass, wood, paint and brick from contact with Sika® Antisol®-260 PH. If accidentally misapplied to these surfaces, wash with clean water within 30 minutes.

APPLICATION

Sika® Antisol®-260 PH is not a film forming product but should fully saturate the concrete for maximum effect. Perform enough applications for Sika® Antisol®-260 PH to saturate the concrete.

New Concrete
Spray apply undiluted Sika® Antisol®-260 PH on the concrete surface with a low pressure sprayer following final finishing operation and after all surface water has evaporated and the concrete surface is hard. To ensure proper performance apply Sika® Antisol®-260 PH to entire surface area as soon as the surface can bear foot traffic. Keep entire surface wet for 30 minutes by spraying Sika® Antisol®-260 PH or by broom sweeping away the excess material from low spots to saturate dry spots. Failure to remove all excess material from floor surfaces may result in unsightly white stains. Keep Sika® Antisol®-260 PH from drying out on surface for a full 30 minutes to ensure full penetration. As Sika® Antisol®-260 PH begins to penetrate into the surface, lightly sprinkle the surface with water to aid penetration.
When Sika® Antisol®-260 PH begins to dry a second time, flush the surfaces with water and squeegee the surface to remove any excess material and other impurities that were brought to the surface.

On exterior applications, environmental factors, such as wind and heat may greatly reduce the effectiveness of Sika® Antisol®-260 PH as a curing aid. To improve sheen, dry buff with a non aggressive pad the following day.
If applications with pozzolanic additives in the concrete, additional Sika® Antisol®-260 PH is required.

Existing Concrete (28 days or more)
Saturate the surface with undiluted Sika® Antisol®-260 PH by sprayer, squeegee, or broom.
If dry spots appear, move excess material onto them or respray them immediately so that the entire surface is wet with Sika® Antisol®-260 PH for a minimum of 30 minutes.

Complete job using one of the following finishing options:
- If after 30 to 40 minutes, the majority of Sika® Antisol®-260 PH has been absorbed into the surface, use broom or squeegee to remove any excess material from the low spots
- Use a floor buffing machine with a non aggressive pad to help work Sika® Antisol®-260 PH into fully cured concrete during application.
- Application method and concrete porosity will affect final appearance of Sika® Antisol®-260 PH. White residue signifies too strong a mix or the surfaces reaching maximum hardness. Applications should stop and the surface be flushed with clean hot water, swept with stiff- bristled broom and allowed to dry. If any applications remain, a dilution may be required to avoid further problems.

Note: Allow at least 7 days interval before applying tile or floor covering adhesives over Sika® Antisol®-260 PH.

CLEANING

Clean the tools and equipment first with clean water immediately after use.

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.

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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