

Product Data Sheet
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Identification no:
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Sika Rugasol® Plus

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Retarder

Product Description

Sika Rugasol® Plus surface retarder have been specially designed for producing a mechanical key to construction joints, stop ends, or subsequent rendering applications.

Uses

Sika Rugasol® Plus is particularly suitable to provide exposed aggregate finishes for :

- Concrete pavements
- Pedestrian areas
- Court yards

This product was developed for concrete with a maximum aggregate size of 12 to 20 mm. Deactivation depth is between 4 and 6mm.

Characteristics / Advantages

Sika Rugasol® Plus provides a concrete which has the following advantages:

- Visually appealing finishes “exposed aggregate”
- Slip: Reduces the risk of aquaplaning for vehicles and slides for pedestrians
- Better resistance to stresses

Tests

Approvals / Standards

Sika Rugasol® Plus is tested according to Sika® internal testing procedures.

Product Data

Form

Appearance / Colour

White liquid

Packaging

20 ltr canister

Storage

Storage Conditions / Shelf Life

8 months from date of production if stored properly in undamaged containers, in dry conditions at temperatures between +5°C and +30°C. Protect from frost, direct sunlight and contamination. The containers should be sealed after use. The product is to be used quickly, especially if exposed to elevated temperatures.

Construction



Technical Data

Density 1.0 kg/l (at +20°C)

System Information

Application Details

Consumption 5-6m²/ltr

Application Conditions / Limitations

Application Instructions

Notes on Application / Limitations

Smooth concrete surface with a straight edge and a float.

Mix the product before use by shaking the can vigorously.

Once the plastic concrete surface has been finished, spray Sika Rugasol[®] Plus uniformly over the entire surface.

After 5 to 24 hours depending on weather conditions (temperature, sun, wind) washing with water under pressure of 100 to 150 bars on the concrete surface in order to remove the surface laitance ensure direct spray at 45° relative to the surface. The depth of retardation can be adjusted according to the distance from the nozzle relative to the concrete surface (20 to 60 cm).

Cleaning tools can be cleaned with water.

In case of accidental projection on concrete surfaces or coatings, product can be cleaned with hot water (>80°C). Using a high cleaner pressure set at 80°C allows for faster removal.

Sika Rugasol[®] Plus contains no solvent.

In case of contact with eyes, rinse with water and consult a doctor.

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.



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