



PRODUCT DATA SHEET

Sika® Rugasol® S

HORIZONTAL SURFACE CONCRETE RETARDANT

PRODUCT DESCRIPTION

Green liquid, water-soluble, non-flammable, surface retardant for exposed-aggregate concrete. Sika® Rugasol® S is water thin.

WHERE TO USE

- Exposes concrete aggregate to provide clean, rough, bonding surfaces on dams, and heavy construction horizontal joints
- Provides attractive architectural finish on pre-cast members, sidewalks, etc.

CHARACTERISTICS / ADVANTAGES

- Chemically delays surface mortar setting to allow time for easy removal of retarded mortar
- 3 mm (1/8 in) uniform penetration over surface of entire placement
- Aggregate is exposed without being undercut and loosened
- Provides high shear resistance and is less costly than chipping, scarifying, hammering, sandblasting or green-cutting
- Surface mortar setting is not "killed", but merely retarded

PRODUCT INFORMATION

Packaging	20 L pail and 200 L drum (5.3 and 53 US gal.)
Appearance / Colour	Green
Shelf Life	1 year in original, unopened packaging.
Storage Conditions	Product will freeze at -2 °C (28° F). If frozen, thaw and stir before use.
Density	1.095 g/mL
Yield	Approx. 5 m ² /L (200 ft ² /US gal.)

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods. Properties tested at 23 °C (73 °F) and 50 % R.H. unless stated otherwise.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Mix unit before use. As soon as concrete has been placed and screeded, apply Sika® Rugasol® S with low-pressure spray.

APPLICATION

Curing

Treated concrete must be wet-cured immediately. Cover with wet burlap or plastic sheet to prevent surface from drying out.

Clean Up

Concrete should be cleaned within 10 - 24 hours, depending on temperature; test surface. Remove retarded surface mortar with a stiff brush and water-flush with a hose. Resume curing process after mortar has been removed.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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Sika® Rugasol® S
September 2021, Version 01.01
021405011000000013

