

PRODUCT DATA SHEET

Sika® Rugasol® S

Surface Retardant

PRODUCT DESCRIPTION

Sika® Rugasol® S is a spray applied, water soluble liquid, formulated to retard the set of surface mortar in concrete to enable the aggregate to be exposed. Sika® Rugasol® S is green in color to allow easy identification of areas where it has been applied and ensure a uniform coating is obtained.

USES

Sika® Rugasol® S may be used to obtain an architectural finish on concrete slabs by exposing the natural color and texture of the aggregates. The rough finish obtained from this method may be used as a mechanical key for the subsequent lifting or rendering of the concrete.

CHARACTERISTICS / ADVANTAGES

- Architectural quality appearance with original color and texture of the aggregate without sandblasting.
- Easy, economical removal of the concrete surface without laborious hacking, chipping or blasting required.
- No danger of acid residue from strong washing compounds.
- Easy to apply, less supervision of field personnel, no expensive equipment required.
- Uniform coverage results in uniform aggregate exposure.

PRODUCT INFORMATION

Packaging	Sika® Rugasol® S is available in 5 gallon (18.9 liters) pails and 55 gallon (208 liters) drums.
Appearance / Color	Bright Green Liquid
Shelf Life	Shelf life in original, unopened container is 2 years, when stored in dry warehouse conditions between 50 °F and 80 °F (10–27 °C).
Storage Conditions	Sika® Rugasol® S should be stored at above 40 °F (5 °C) thoroughly to return to normal state before use.
Specific Gravity	Approx. 1.1

APPLICATION

Apply Sika® Rugasol® S with a low pressure spray immediately after screeding when concrete has lost its sheen. The normal recommended rate of application of Sika® Rugasol® S is 200 sq. ft. per gallon (4.9 sq. meter per liter). All finishing work must be completed prior to the application of Sika® Rugasol® S. Any mechanical floating or finishing after application will produce excessive and irregular depths of retardation. Cover with wet burlap or plastic sheet to prevent surface from drying out.

Architectural finish: For an architectural finish, seed surface with additional aggregate and float it to the surface before applying Sika® Rugasol® S.

Exposing aggregate: Within 12 to 14 hours after application, use a low pressure garden hose and stiff broom to remove the retarded surface mortar. Do not use excessive force in removal since this may undermine the exposed aggregate profile.

Effect of high temperatures: Accelerating admixtures, heated concrete, steam curing, and hot weather all reduce the effectiveness and dependability of Sika® Rugasol® S.

Compatibility with other admixtures: Sika® Rugasol® S is compatible with all admixtures in the Sika product range. Sika recommends when other products are used, that field trials be carried out. Contact your local Sika representative for more information and assistance.

Cleaning: Any Sika® Rugasol® S remaining on the dried formwork can easily be removed by scrubbing with water and a wire brush. Any material that has not been in contact with the concrete should be neutralized with cement slurry or soda solution before removal. Formwork to be reused must be cleaned thoroughly.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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