

PRODUCT DATA SHEET

Sika® Rugasol C

Concrete surface retarder for horizontal surfaces

DESCRIPTION

Sika® Rugasol C is a liquid retarder for horizontal surfaces to exposed aggregate work or for producing a mechanical key to construction joints, stop ends or subsequent screeds applications.

The retarding compound in Sika® Rugasol C combines with cement at the surface and delays the normal hydration for approximately 1-2 days (high cement contents and temperatures will reduce the retardation). After retardation has finished, the concrete cures to its full strength.

USES

Sika® Rugasol C is a surface retarder for application on horizontal surfaces of freshly placed concrete areas such as :

- Floor slabs
- Paths
- Driveways
- Patios
- Swimming Pools
- Concrete Construction Joints, etc.

PRODUCT INFORMATION

Packaging	20 kg/pail and 200 kg/drum
Appearance / Colour	Straw to brown
Shelf Life	12 months from date of production
Storage Conditions	Stored properly in undamaged and unopened original sealed packaging in cool dry conditions. Protect from direct sunlight and frost.
Density	1.05 Kg/litre

APPLICATION INFORMATION

Consumption	Approx. 0.25-0.3 kg/m ²
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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.

LIMITATIONS

Sika® Rugasol C only retards the surface setting of the concrete and does not “kill” the set. If the surface is not washed off within the retarding period, the concrete will set and reach ultimate strength. Thereafter the surface will be difficult to remove.

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 Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data.

VOC DATA

The maximum content of Sika® Rugasol C is 10 g/L VOC for the ready to use product.

APPLICATION INSTRUCTIONS

APPLICATION

Sika® Rugasol C is ready to use and should not be diluted.

The concrete is mixed, placed, compacted, screeded and lightly trowelled to achieve a uniform and even finish. A good uniform coat of Sika® Rugasol C should be sprayed onto the horizontal concrete surface as soon as the initial “bleeding” of the concrete has finished. (A garden spray is suitable). After the initial cure of the concrete has elapsed, the soft cement paste on the surface can be wash down with clean water by low pressure water-blaster and a soft broom until a good clean exposed aggregated finish is revealed. Treated surface should be protected from direct sunlight or warm wind, which can cause the surface to dry out rapidly. Proper curing procedures are important to ensure the durability and quality of the concrete.

The action of Sika® Rugasol C is the retardation of the setting process of the cement on the top surface of the concrete to a depth of 2 to 5 mm. The retardation period is up to 24 hours in warm weather and up to 36 hours in cooler condition. The actual length of the re-

tardation period will vary depending on cement content, ambient air temperature, the amount of Sika® Rugasol C applied and the time it is left on the surface before removal.

CLEANING OF TOOLS

Spray equipment should be washed out after use with hot water.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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Sika® Rugasol C
May 2021, Version 01.03
02140501100000009