

**Product Data Sheet**  
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01140501100000002  
Rugasol®-2-Liquid

# Rugasol®-2-Liquid

Surface retarder for exposed aggregate finish

## Product Description

A water-based liquid coating that retards the set of the top layer of cement mortar in concrete. When subsequently washed off the aggregates are left exposed.

## Uses

- Rugasol®-2-Liquid is used to provide exposed aggregate finishes in insitu and pre-cast concrete when an architectural finish is required.
- A mechanical key for subsequent operations is required and formwork patterns are not to be shown.

## Characteristics / Advantages

Rugasol®-2-Liquid provides the following beneficial properties:

- Scabbling is eliminated.
- Labour costs are reduced.
- Consistent finish is produced suitable for inexpensive formwork.
- Diluted to suit application.
- Non-hazardous.

## Product Data

### Form

### Appearance/Colours

Liquid  
Light Brown

### Packaging

25 and 200 litre drums

### Storage

### Storage Conditions / Shelf-Life

12 months in original unopened containers. Store in a dry area between 5°C and 25°C.

## Technical Data

### Chemical Base

Solvent free, Polyhydroxy Compound

### Density

1.06 kg/litre

### pH Value

## Application Details

### Consumption/Dosage

0.1 – 0.2 Litres. per sq metre depending on dilution rate and porosity of formwork.



## Application Instructions

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| <b>Mixing (Ratio/Dosage)</b> | <p>By brush, roller or spray. Dilute with clean water within the range of 1:1 to 1:3 depending on degree of effect required. Only apply to clean uncontaminated formwork.</p> <p>Strike formwork as quickly as possible depending on ambient temperature and working conditions (e.g. heated moulds). Immediately the formwork is removed, wash off concrete surface with a strong water jet.</p> <p>Rugasol® -2-Liquid is compatible with all Sika admixtures for concrete, but where high dosage rates of retarder or accelerator are to be used, it is advisable to conduct site trials. Where formwork prematurely dries out, stripping time is greatly reduced.</p> <p>If Rugasol® -2-Liquid becomes frozen in the drum, gradual thawing in a heated environment can be carried out. Once thawed, properties are unaffected.</p> |
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| <b>Notes on Application/Limits</b> | <p>Protect against rain and frost.</p> <p>Avoid naked flames.</p> |
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| <b>Local Restrictions</b> | <p>Please note that as a result of specific local regulations the performances of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.</p> |
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## Health and Safety Information

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| <b>Protective Measures</b> | <p>Contact with skin and eyes must be avoided.</p> |
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| <b>Ecology</b> |  |
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| <b>Transportation Class</b> |  |
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| <b>Important Notes</b> | <p>Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.</p> <p>Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Material Safety Data Sheet.</p> |
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| <b>Toxicity</b> |  |
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| <b>Legal Notes</b> | <p>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 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 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 Product Data Sheet for the product concerned, copies of which will be supplied on request or accessed on the internet under <a href="http://www.sika.co.za">www.sika.co.za</a>.</p> |
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