

## PRODUCT DATA SHEET

# Sika<sup>®</sup> Rugasol-2 Liquid K

Surface retarder for exposed aggregate finish

## 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

Sika<sup>®</sup> Rugasol-2 Liquid K is used for the following purposes:

- To provide exposed aggregate finish in in-situ and pre-cast concrete where architectural finish is required
- To provide mechanical key for subsequent operations and in case formwork pattern is not to be shown

## CHARACTERISTICS / ADVANTAGES

Sika<sup>®</sup> Rugasol-2 Liquid K provides the following beneficial properties :

- Scrabbling is eliminated
- Labour costs are reduced
- Consistent finish is produced
- Inexpensive formwork can be used
- Non-hazardous, Non-toxic

## PRODUCT INFORMATION

<b>Chemical base</b>	Solvent free Polyhydroxy compound
<b>Packaging</b>	230kg drum
<b>Appearance / Colour</b>	Dark Blue Liquid
<b>Shelf life</b>	12 months from date of production if stored properly in original unopened, undamaged, sealed packaging.
<b>Storage conditions</b>	Store in dry conditions at temperature between +10 and +40°C. Protect from frost, direct sunlight and contamination. Opened units should be stored closed.
<b>Density</b>	~1.05 at 25°C

# TECHNICAL INFORMATION

## Specific Advice

Sika® Rugasol-2 Liquid K when applied to formwork can come into contact with concrete mixed with any Sika admixture. For such cases where high dosage rate 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. If Sika® Rugasol-2 Liquid K becomes frozen, gradual thawing in a heated environment can be carried out (avoid naked flames). Properties of Sika® Rugasol-2 Liquid K remain unaffected after thawing. On fresh concrete use sprayer and on vertical formwork it can be applied using sprayer or brush. On vertical formwork, there is chance of the material coming at the bottom of the formwork. Due care should be taken to minimise roll down of material by not applying excess material at a time.

## APPLICATION INFORMATION

### Consumption

0.10 to 0.50 kg/m<sup>2</sup> depending on porosity of concrete. Actual dosage to be finalised on the basis of site trials.

## 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.

## 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 containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### APPLICATION

Sika® Rugasol-2 Liquid K can be applied by brush, roller or spray. Apply only to clean, uncontaminated formwork. For new timber and highly absorbent formwork surfaces, apply at least two coats. Apply uniformly over the fresh concrete as early as possible with sprayer to obtain exposed aggregate finish after water jetting for construction joints. Strike formwork as quickly as possible, depending on ambient temperature and working conditions. Immediately after the formwork is removed, wash off concrete surface with a strong water jet to obtain desired effect.

## 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 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.

### Sika India Pvt. Ltd.

620, Diamond Harbour Road  
Commercial Complex II  
Kolkata - 700 034  
West Bengal, India

### Contact:

Phone: +91 33 2447 2448  
Fax: +91 33 2397 8688  
info.india@in.sika.com  
www.sika.in



### Product Data Sheet

Sika® Rugasol-2 Liquid K  
May 2022, Version 01.01  
02140501100000060

SikaRugasol-2LiquidK-en-IN-(05-2022)-1-1.pdf