

Rugasol®-2 W Liquid

Surface Retarder for Exposed Aggregate Finish

Product Description	Rugasol® -2 W Liquid is a water-based surface retarder for exposed aggregate concrete on wooden shuttering. It is especially suitable for use in tropical and hot climatic conditions.
Uses	Rugasol® -2 W Liquid is an easy to spray, economical, surface retarder for wooden shuttering. It is especially suitable for: <ul style="list-style-type: none">■ Exposed aggregate concrete■ Treatment of fresh concrete surfaces in horizontal construction joints to avoid chipping. Concrete treated in this way provides an excellent key for construction joints, screeds and renderings■ Treatment of e.g. walkways, terrazzo, which should receive a visible, lasting exposed aggregate effect
Advantages	<ul style="list-style-type: none">■ Labour costs are reduced■ Consistent finish is produced making it suitable for inexpensive formwork■ Diluted to suit application■ Solvent free■ Non-hazardous
Product Data	
Type	Blend of chemicals
Form	Yellow / Green Liquid
Packaging	25 lt. and 200 lt. drums
Storage Condition	Store in a dry area in original packaging between 5°C and 35°C. Protect from direct sunlight
Shelf life	12 months minimum from production date if stored properly in original unopened packaging
Technical Data	
Density	Approximately 1.03 kg/lt.
Coverage	0.1 - 0.2 lt/m ² or 5 - 10 m ² /lt., depending on dilution rate and absorbency of formwork. New or rough, strongly absorbent wooden shuttering must be treated twice.



Application Details

Surface condition	Allow the surface water of the newly laid concrete to evaporate for between ½ to 2 hours depending on temperature etc. before application. Shutters should be clean, free from laitance and dirt.
Application	Apply by brush, roller or spray equipment. Only apply to clean uncontaminated formwork. For non-absorbent formwork, use Rugasol-3 W Paste. Protect against rain and frost. Strike formwork as quickly as possible. Wash off concrete surfaces with a strong water jet, immediately after removing the formwork. If necessary use a suitable brush.
Cleaning	Clean all equipment and tools with water.
Remarks	Rugasol®-2 W 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. Steam curing or hot weather greatly reduces striking time. A precondition for achieving an acceptable exposed aggregate finish is satisfactory concrete quality and placing, especially granulometry of aggregates. Site trials are strongly recommended. Formwork to be re-used must be cleaned thoroughly. Concreting should be done within 48 hours of Rugasol®-2 W Liquid application.
Notes	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.
Safety	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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 should 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



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