

Rugasol® -2Liquid

Surface Retarder for Exposed Aggregate Finish

Product Description	A water based surface retarder for exposed aggregate concrete on wooden shuttering. Suitable for tropical conditions.
Uses	Rugasol®-2Liquid 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 suitable for inexpensive formwork. ■ Diluted to suit application. ■ Non-Hazardous
Technical Data	
Type	Solvent free, Polyhydroxy Compound.
Colour	Yellow / brown water based liquid.
Density	1.05 kg/l.
Packaging	25 kg pails (non-returnable).
Storage	Store Protected from frost and direct sunlight.
Shelf Life	24 months from date of production if stored properly in the original unopened packing.
Application	
Consumption	0.1 – 0.2 kg/m ² (depending on dilution rate and absorbency of formwork. New or rough, strongly absorbent wooden shuttering must be treated twice.
Method of Application	By brush, roller or spray equipment. Dilute with clean water at a ratio of 1:1 to 1:3 depending on required effect. Only apply to clean uncontaminated formwork. For non-absorbent formwork, use Rugasol® -1Paste. Protect against rain and frost. Strike formwork as quickly as possible. Wash off concrete surface with a strong water jet, immediately after removing the formwork. If necessary use brush.
Cleaning	Use fresh water to clean all tools and equipment .
Important	<p>Rugasol® -2Liquid 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.</p> <p>Steam curing or hot weather greatly reduce striking time .</p> <p>It Rugasol® -2Liquid freezes in the drum, gradual thawing in a heated room can be carried out (avoid naked flame or temperatures above 50° C). Once thawed and stirred well, properties are unaffected.</p> <p>Precondition to achieve an acceptable exposed aggregate finish are satisfactory concrete quality and placing, especially granulometry of aggregates. Site trials are strongly recommended.</p> <p>Formwork to be –re used must be cleaned thoroughly.</p>



Safety Instructions

Ecology	Do not dispose of into water or soil but according to local regulations
Transport	Non-hazardous
Safety Precautions	Wear gloves and goggles
Toxicity	Non-Toxic under relevant health and safety codes.

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.



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