

PRODUCT DATA SHEET

Sika® Separol® RL 288

(formerly RL 288)

Surface retarder for horizontal concrete

DESCRIPTION

Sika® Separol® RL 288 is a liquid, chemical retarder used for achieving an exposed aggregate finish on horizontal concrete surfaces by retarding the setting of cement paste in the surface matrix of concrete and then removing it.

The surface retarder is applied on the concrete to effect retardation of the surface of fresh concrete.

USES

Sika® Separol® RL 288 is recommended for all horizontal kicker & construction joints for a superior bond with subsequently placed concrete or mortar layer and on flat surfaces before granolithic screed application. It is also ideal for creating exposed aggregate architectural finishes on flat surfaces.

CHARACTERISTICS / ADVANTAGES

- Controlled depth of retardation - Consistent textured finish.
- Does not kill hardening process - No deleterious effect on the core concrete or the strength of the concrete mass.
- Variable depth of retardation - Scope for producing decorative patterns of exposed aggregates with different shapes and sizes of aggregates.
- Creates rough texture - Excellent bond for subsequently laid mortar or concrete layer. Avoids costly surface roughening procedures.

PRODUCT INFORMATION

Packaging	25L carboys and 205L plastic lined drums
Appearance / Colour	Clear Yellow Liquid
Shelf Life	12 months from date of production
Storage Conditions	Store properly in undamaged and unopened original sealed packaging in cool and dry conditions. Protect from direct sunlight and frost.

APPLICATION INFORMATION

Recommended Dosage

- The rate of application depends upon the depth of retardation (depth of aggregate exposure) desired. Sika® Separol® RL 288 applied @ 3 - 5 m²/l typically results in a depth of retardation of up to 5 mm.
- Therefore material requirement is 0.2 - 0.3 l/m² to achieve approximately 5 mm depth of retardation.

Dispensing

- Use Sika® Separol® RL 288 as supplied without diluting. Apply Sika® Separol® RL 288 by a low pressure sprayer or a soft bristled brush onto the concrete surface. Protect the applied surface from rapid drying and rain with plastic sheeting.
- One day after placing concrete, remove the sheeting and ascertain that the core of concrete has hardened and then hose down the treated surface with medium water pressure to wash away the unset cement paste in the surface matrix. Brush away all the loosely adhering materials.
- The debris thus collected should be washed away as cement paste can later set hard making it difficult to remove. The period of surface retardation will be reduced in hot weather and if rapid hardening cement is used in which cases earlier hosing of treated surface may be required.

Compatibility

- Do not store Sika® Separol® RL 288 in metal spray equipment for too long. Fill metal sprayers or containers just before application and empty them immediately after application.

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

Non toxic but can cause irritation to persons with sensitive skin if exposed.

Safety: Wear eye protection and gloves while handling the product. Wash thoroughly after handling.

Fire: Not flammable.

For detailed Health, Safety and Environmental Recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

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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