

PRODUCT DATA SHEET

Sikafloor®-313 EG

Transparent acrylic polyurethane topcoat for internal and external applications

DESCRIPTION

Sikafloor®-313 EG is a transparent acrylic polyurethane varnish for use as a protective topcoat on concrete flooring. It provides a tough, hard-wearing and flexible film with high hardness, good chemical resistance and excellent water resistance.

The product is suitable for internal and external applications and provides a glossy, semi-gloss or matt finish. It can also be used as a protective topcoat on properly prepared steel, non-ferrous metals and wood surfaces.

USES

- Protective topcoat for concrete flooring
- Internal and external flooring applications
- Protection of properly prepared concrete surfaces
- Protective topcoat for steel and non-ferrous metal surfaces
- Protective finish for wood surfaces

FEATURES

- Transparent finish
- Tough, hard-wearing and flexible film
- High hardness and mechanical resistance
- Good chemical resistance
- Excellent water resistance
- Good colour retention and weathering resistance
- Suitable for internal and external applications
- Available in high-gloss, semi-gloss and matt finishes

PRODUCT INFORMATION

Packaging	Part A	16.67 kg
	Part B	3.33 kg
Colour	Transparent	
Shelf life	Up to 12 months from the date of production, when stored properly in the original, unopened and undamaged packaging in accordance with the storage instructions.	
Storage conditions	Store in the original, unopened and undamaged packaging in cool, dry conditions between +5 °C and +35 °C. Protect from direct sunlight, frost and rainfall. Store clear of the ground on pallets and avoid excessive compaction. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice, consult Sika Technical Services Department.	

TECHNICAL INFORMATION

Dry film thickness	25-100 µm
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APPLICATION INFORMATION

Pot Life	Approx. 2 hours Note: Pot life is dependent on temperature. Higher temperatures will reduce the pot life, while lower temperatures will extend it.	
Drying time	Surface Dry	30 min
	Recoat	Minimum 4 hours Maximum 10 Hours
	Complete Cure	5 days
Note: Drying, overcoating and curing times are approximate and may vary depending on ambient and substrate temperatures, relative humidity, ventilation conditions and film thickness.		

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 Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Do not apply on substrates with rising moisture or where moisture content exceeds the specified limits. Freshly applied material must be protected from water, condensation, dust and other contamination during curing.

Prepare the substrate mechanically by suitable methods such as grinding, shot blasting or scarifying to remove cement laitance and achieve an open textured surface.

All dust, loose particles and debris shall be removed by industrial vacuuming prior to application.

Surface defects, blowholes and damaged areas shall be repaired using appropriate repair materials before the application of the flooring system.

MIXING

Prior to mixing, stir Component A thoroughly.

Add Component B completely into Component A and mix continuously using a low-speed mixer until a uniform, streak-free mixture is obtained.

Avoid excessive mixing to minimise air entrapment.

Only mix quantities that can be applied within the product pot life.

APPLICATION

Apply the mixed material immediately after mixing onto the prepared substrate.

Spread uniformly using a suitable trowel, squeegee or roller to achieve the specified consumption rate or layer thickness.

Maintain a wet edge during application to ensure a uniform appearance.

Apply the material within the stated pot life and under the recommended environmental conditions.

CURING TREATMENT

Protect the freshly applied material from moisture, condensation, standing water and contamination during curing.

Do not subject the floor to mechanical loading or chemical exposure until adequate cure has been achieved.

Curing times will vary depending on substrate temperature, ambient temperature and relative humidity.

CLEANING OF EQUIPMENT

Clean all tools and application equipment immediately after use with the recommended cleaning solvent.

Hardened or cured material can only be removed mechanically.

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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