

PRODUCT DATA SHEET

SikaGlaze® PU

UV STABILIZED CLEAR POLYURETHANE IN A GLOSS OR MATT OPTION

DESCRIPTION

SikaGlaze® PU is a one component, non-yellowing, aliphatic, moisture curing, polyurethane gloss coating containing UV light absorbers. It comes in a gloss and a matt version.

USES

SikaGlaze® PU may only be used by experienced professionals.

- SikaGlaze® PU is ideal for interior and exterior seamless floors
- Can be used as a wear layer over deck coatings and non-slip coatings
- Is suitable as a concrete sealer and top coat
- Suitable as an aggregate glaze for embedding nonslip aggregates

CHARACTERISTICS / ADVANTAGES

- Flexible and water resistant
- One component moisture curing
- Clear, non-yellowing, high gloss and matt finish option
- Tough, hard wearing
- Excellent abrasion resistance
- Good chemical resistance against splashes and occasional spills

PRODUCT INFORMATION

Packaging	4 litres	
Appearance / Colour	Clear liquid - Gloss or Matt.	
Shelf Life	Twelve (12) months from date of production if stored according to stated conditions.	
Storage Conditions	Store in original unopened packaging in cool, dry conditions within the temperature range of +5°C to +35°C.	
Density	Approximately 0.98 kg/litre	
Solid Content	SikaGlaze® PU Gloss	SikaGlaze® PU Matt
	40%	30%

TECHNICAL INFORMATION

Chemical Resistance	Good resistance to splashes of, and occasional contact with, acids, alkalis and most common solvents including alcohol, aromatic hydrocarbons, brake fluid, diesel and machine oil.
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APPLICATION INFORMATION

Consumption	4 m ² /litre/coat		
Ambient Air Temperature	Minimum +10°C, maximum +35°C		
Relative Air Humidity	Maximum 85% during cure		
Substrate Temperature	Minimum +10°C, maximum +35°C		
Curing Time	Tack Free	Light Traffic	Heavy Traffic
	3.5 hours	24 hours	48 hours

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- The substrate must be sound, dry (max moisture content 4%), free from dust and any surface contaminants such as oil, grease, fats, chemicals, rust, paints, curing membranes, etc.
- Blow holes or irregularities should be filled and the substrate levelled with appropriate Sikafloor or Sikadur mortars prior to application of SikaGlaze® PU.
- Cement based substrates should be at least 4 weeks old and should be checked to ensure the moisture content is below 4% before placement of SikaGlaze® PU.

APPLICATION

- SikaGlaze® PU is applied using a brush or roller.
- It is recommended that two (2) to three (3) coats of SikaGlaze® PU be applied (depending on the porosity and surface texture of the substrate).
- The intercoat period is a minimum of 6 hours, maximum 18 hours (@ 20°C, 50% RH). If the intercoat period is exceeded then the surface should be sanded using sand/emery paper, and cleaned & wiped with Sika Thinner C. Allow the solvent from the Sika Thinner C to evaporate before applying the next coat.
- Matt Finish: Use SikaGlaze® PU Gloss for build coats and apply 1 coat of SikaGlaze® PU Matt as a finish coat.
- For a slip resistant finish add approx. 20g of Sikafloor Spheres per 1 litre of SikaGlaze® PU. Refer to Sika Aggregates data sheet. Only apply slip resistant finish to 2nd coat of a three coat system (1st and 3rd coats are to be without spheres).

MAINTENANCE

If maintenance or recoating of SikaGlaze® PU is required, the existing surface should be sanded using sand/emery paper. The surface should then be cleaned and wiped with Sika Thinner C before applying the new top coat. In exterior situations, it is recommended that SikaGlaze® PU be re-coated every 5-7 years.

CLEANING

All equipment should be cleaned immediately after use with Sika Thinner C.

To maintain the appearance of the floor after application, SikaGlaze® PU must have all spillages removed immediately and must be regularly cleaned using rotary brush, mechanical scrubbers, scrubber dryer, high pressure washer, wash and vacuum techniques, etc. using suitable detergents and waxes. Please refer to "Cleaning & Maintenance Recommendations for Sika Floor Installations" for detailed instructions.

LIMITATIONS

- SikaGlaze® PU should not be thinned.
- SikaGlaze® PU is supplied in containers that have been purged with nitrogen. An irreversible cure commences once exposed to the atmosphere.
- Before using SikaGlaze® PU, calculate the quantity necessary for each coat and pour into a working container. Reseal the original tin immediately. After using do not return any unused product to the original container, as this may cause gelling of the product in the container.
- Discolouration and/or delamination may occur if SikaGlaze® PU is applied directly to concrete floors that do not have an effective damp proof membrane.
- SikaGlaze® PU Matt shall only be applied over SikaGlaze® PU Gloss. Do not apply SikaGlaze® PU Matt directly to any other substrate/coating.
- SikaGlaze® PU can discolour and imprint if subject to standing tyres i.e. showroom situations. Use protective pads under tyres if vehicles are left to stand for periods greater than 24 hours.

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.

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.

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.

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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Environment
ISO 14001



Quality
ISO 9001

Product Data Sheet

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