



BUILDING TRUST



## PRODUCT DATA SHEET

# Sikafloor®-367

2-part polyurethane coloured floor coating (Formerly FLORTHANE)

### DESCRIPTION

Sikafloor®-367 is a 2 part, solvent based, coloured floor coating based on polyurethane resin. It is designed to improve cleanability, increase stain resistance and abrasion resistance.

### USES

Sikafloor®-367 may only be used by experienced professionals.

Industrial coating resin on cementitious substrates for:

- Workshops
- Packaging areas
- Warehouses
- Soft drink bottling plants
- Service floor areas in pharma
- Foot traffic areas in manufacturing units

### CHARACTERISTICS / ADVANTAGES

- Good mechanical and chemical resistance
- Liquid proof
- Matt finish
- Easy to apply and to keep clean
- Slip resistant surface possible

### PRODUCT INFORMATION

<b>Composition</b>	Polyurethane	
<b>Packaging</b>	Part A+B	5.75 kg set
	Part A	5.0 kg container
	Part B	0.75 kg container
<b>Shelf life</b>	Part A	12 months from date of production. <b>Protect from freezing.</b>
	Part B	6 months from date of production. <b>Protect from freezing.</b>
<b>Storage conditions</b>	The product must be stored in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +5 °C and +30 °C.	
<b>Appearance and colour</b>	Part A (Resin)	Liquid / Coloured
	Part B (Hardener)	Liquid / Transparent
	Cured appearance	Matt finish

Sikafloor®-367 is available in a number of colour shades. Please consult with Sika representative for more details.

**IMPORTANT**

Applied colours selected from colour charts will be approximate.

**IMPORTANT**

Colour uniformity cannot be completely guaranteed from batch to batch. Do not mix batch numbers in a single area.

**IMPORTANT**

For colour matching: Apply colour sample and confirm selected colour under real lighting conditions.

Density	~1.2 kg/L (Part A+B mixed, +27 °C)	(EN ISO 2811-1)
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**TECHNICAL INFORMATION**

Abrasion resistance	~47 mg (CS-10/1000/1000, 7 d, +27 °C)	(ASTM D4060)
Tensile adhesion strength	≥ 1.5 N/mm <sup>2</sup>	(EN 1542)
Chemical resistance	Resistant to many chemicals. Contact Sika Technical Services for specific information.	

**SYSTEM INFORMATION**

System structure	Layer	Product
	Primer	Sikafloor®-167 Primer
	Top coat	1–2 × Sikafloor®-367

Note: As an optional primer Sikafloor®-161 HC can be used. Refer to the respective Product Data Sheet.

**APPLICATION INFORMATION**

Mixing ratio	Part A : Part B = 5 : 0.75 (by weight)	
Consumption	~0.125–0.150 kg/m <sup>2</sup> per layer Note: These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level and wastage etc.	
Layer thickness	~70–100 microns per layer	
Ambient air temperature	+10 °C min. / +30 °C max.	
Relative air humidity	80 % max.	
Dew point	Beware of condensation. The substrate and uncured applied floor material must be at least +3 °C above dew point to reduce the risk of condensation or blooming on the floor finish. Low temperatures and high humidity conditions increase the probability of blooming.	
Substrate temperature	+10 °C min. / +30 °C max.	
Substrate moisture content	≤ 4 % parts by weight The following test methods can be used: Sika®-Tramex meter, CM-measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).	
Pot Life	<b>Temperature</b>	<b>Pot life (100 g mass)</b>
	+10 °C	~40 min
	+20 °C	~25 min
	+30 °C	~20 min
Waiting time to overcoating	~12 h (+30 °C)	

## Applied product ready for use

Temperature	Foot traffic	Light traffic	Full cure
+10 °C	~48 hours	~5 days	~10 days
+20 °C	~24 hours	~3 days	~7 days
+30 °C	~16 hours	~2 days	~3 days

Note: Times are approximate and will be affected by changing ambient conditions.

## 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

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### IMPORTANT

#### Strictly follow installation procedures

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

### EQUIPMENT

#### Mixing

- Electric single paddle mixer (300 to 400 rpm)

#### Application

- Squeegee
- Short pile roller

### SUBSTRATE QUALITY

- The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm<sup>2</sup>) with a minimum pull off strength of 1.5 N/mm<sup>2</sup>.
- The substrate must be clean, dry and free of all contaminants such as oil, grease, coatings and surface treatments, etc.

### SUBSTRATE PREPARATION

### IMPORTANT

#### Incorrect treatment of cracks

The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.

- Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment or diamond grinding machine to remove cement laitance and achieve an open textured surface.
- Weak concrete must be removed and surface defects such as blow holes and voids must be fully exposed.
- Repairs to substrate, filling of blowholes/voids and surface levelling must be carried out using appropri-

ate products from the Sikafloor®, Sikadur® and Sikagard® range of materials.

- High spots can be removed by grinding.
- All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.
- The concrete or screed substrate has to be primed or levelled in order to achieve an even surface.

### MIXING

### IMPORTANT

#### Mix full units only

1. Mix Part A (resin) until the coloured pigment is dispersed and a uniform colour is achieved.
2. Add Part B (hardener) to Part A.
3. Mix Part A+B continuously for 2 minutes until a uniformly coloured mix is achieved. Note: Avoid excessive mixing to minimise air entrainment.
4. To ensure thorough mixing, pour materials into another container and mix again to achieve a smooth and uniform mix.
5. During the final mixing stage, scrape down the sides and bottom of the mixing container with a flat or straight edge trowel at least once to ensure complete mixing.

### APPLICATION

### IMPORTANT

#### Application on uneven substrates

Unevenness of substrates as well as inclusions of dirt cannot be covered by thin sealer coats.

### IMPORTANT

#### Application in high moisture

If > 4 % pbw moisture content, Sikafloor® EpoCem® may be applied as a T.M.B. (temporary moisture barrier) system.

### IMPORTANT

#### Protecting the material after application

After application, protect the system from damp, condensation and direct water contact for at least 24 hours.

### IMPORTANT

#### Protect from overhead leaks and condensation

Protect the product during application from pipe condensation or any overhead leaks.

### IMPORTANT

#### Temporary heating

If temporary heating is required, do not use gas, oil, paraffin or other fossil fuel heaters. These produce large quantities of both carbon dioxide and water vapour, which may adversely affect the finish.

1. For heating, use only electric powered warm air blower systems.

## TOP COAT APPLICATION

1. Pour the mixed product onto the substrate.
2. Spread the product evenly over the surface with a squeegee.
3. Back roll the surface in two directions at right angles with a short pile roller.

Note: Maintain a "wet edge" during application for a seamless finish.

Note: Avoid puddles on the surface during application.

## CLEANING OF EQUIPMENT

Clean all tools and application equipment with Sika® Thinner C or suitable solvent immediately after use. Hardened material can only be removed mechanically.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## 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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### Product Data Sheet

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