



BUILDING TRUST



PRODUCT DATA SHEET

Sikafloor®-368 SF

Solvent free polyurethane based tough-elastic coloured seal coat (Formerly POLYDECK SF / FLORTHANE SF)

DESCRIPTION

Sikafloor®-368 SF is a two part, tough-elastic, coloured, solvent free polyurethane seal coat. It has superior chemical and abrasion resistance, excellent adhesion to substrates and good weatherability.

USES

Sikafloor®-368 SF may only be used by experienced professionals.

- Abrasion resistant seal coat with high mechanical resistance for broadcast systems with crack-bridging properties in industrial flooring
- Particularly suitable for car park decks, ramps, airport hangars and warehouses etc.

CHARACTERISTICS / ADVANTAGES

- Tough-elastic
- Good mechanical and chemical resistance
- Watertight
- Solvent free
- Matt finish
- Easy application
- Slip resistant surface possible

PRODUCT INFORMATION

Composition	Solvent free polyurethane	
Packaging	Part A+B pre-batched	6.0 kg set
	Part A	4.2 kg container
	Part B	1.8 kg container
Shelf life	Part A	12 months from date of production. Protect from freezing.
	Part B	6 months from date of production. Protect from freezing.
Storage conditions	The product must be stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +5 °C and +30 °C.	
Appearance and colour	Part A (Resin)	Liquid / Coloured
	Part B (Hardener)	Liquid / Transparent
	Cured appearance	Matt finish

Sikafloor®-368 SF 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.

IMPORTANT

Non-uniform thickness of wearing coat of Sikafloor®-323 and uneven sand broadcast lead to high undulations on final finish.

Density	~1.1 kg/L (Part A+B mixed, +27 °C)	(EN ISO 2811-1)
---------	------------------------------------	-----------------

TECHNICAL INFORMATION

Abrasion resistance	~26 mg (CS-10/1000/1000, 7 d, +27 °C)	(ASTM D4060)
---------------------	---------------------------------------	--------------

Chemical resistance	Resistant to many chemicals. Contact Sika Technical Services for specific information.	
---------------------	--	--

SYSTEM INFORMATION

System structure	Layer	Product
	Primer	Sikafloor®-167 Primer
	Wearing coat	Sikafloor®-323
	Broadcast	Sika® Quartz 02 IN
	Seal coat / Top coat	1–2 × Sikafloor®-368 SF
	Top coat (optional)	Sikafloor®-369 UV

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 = 4.2 : 1.8 (by weight)	
--------------	---	--

Consumption	~0.5–0.6 kg/m ²	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.
-------------	----------------------------	---

Ambient air temperature	+10 °C min. / +30 °C max.	
-------------------------	---------------------------	--

Relative air humidity	80 % max.	
-----------------------	-----------	--

Dew point	Beware of condensation. The substrate and uncured floor 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.	
-----------------------	---------------------------	--

Pot Life	Temperature	Pot life (100 g mass)
	+10 °C	~35 min
	+20 °C	~30 min
	+30 °C	~25 min

Waiting time to overcoating

Before applying solvent free products over Sikafloor®-368 SF allow:

Substrate temperature	Minimum	Maximum
+10 °C	24 hours	3 days
+20 °C	12 hours	2 days
+30 °C	6 hours	1 days

Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.

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	~7 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.

FURTHER INFORMATION

- Sika Method Statement: Evaluation and Preparation of Surfaces for Flooring Systems
- Sika Method Statement: Mixing & Application of Flooring Systems
- Sika Method Statement: Sikafloor®- Cleaning Regime

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 / medium pile roller

SUBSTRATE QUALITY / PRE-TREATMENT

- The applied broadcast resin floor (epoxy, polyurethane, polyurea-hybrid and polyurea resin) surface must be tack free, clean and dry.
- Use industrial vacuuming equipment or brush to remove all dust, loose and friable material from the ap-

plication surface before applying the product.

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

Protect from moisture

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

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.

SEAL 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.
4. If second coat has to be applied, apply in same way once first coat is tack free.

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.

Apurva India Pvt. Ltd.
New Udyog Mandir No. 2,
Office No. 203, 2nd Floor,
7-C, Pitamber Lane, Mahim (West)
Mumbai - 400 016
Maharashtra, India

Contact:
Phone: +91 22 6270 4038
info.india@in.sika.com
www.apurvaindia.in
www.sika.in

Product Data Sheet
Sikafloor®-368 SF
September 2022, Version 01.01
020812040030000052

Sikafloor-368SF-en-INAPURVA-(09-2022)-1-1.pdf

