

PRODUCT DATA SHEET

Sikafloor®-3570

Coloured matt finish polyurethane seal coat



DESCRIPTION

Sikafloor®-3570 is a 2-part, coloured, matt finish, solvented, polyurethane seal coat. It is resistant to chemicals and is used for normal to medium wear conditions.

USES

Sikafloor®-3570 may only be used by experienced professionals.

The Product is used as s:

- Seal coat or top coat for slip-resistant broadcast systems

The Product is used for interior and exterior applications.

Please note:

- The Product may only be used by experienced professionals.

FEATURES

- Flexible and tough elastic
- Good mechanical resistance
- Good resistance to specific chemicals
- Good yellowing resistance
- Easy to apply
- Good resistance to UV exposure

SUSTAINABILITY

- Environmental Product Declaration (EPD) in accordance with EN 15804. EPD independently verified by Institut für Bauen und Umwelt e.V. (IBU)

CERTIFICATES AND TEST REPORTS

- CE Marking and Declaration of Performance to EN 13813:2002 Screed material and floor screeds — Screed materials — Properties and requirements — Synthetic resin screed material
- CE Marking and Declaration of Performance to EN 1504-2:2004 Products and systems for the protection and repair of concrete structures — Surface protection systems for concrete — Coating

PRODUCT INFORMATION

Composition	Solvent based polyurethane	
Packaging	Container Part A	7 kg
	Container Part B	3 kg
	Container Part A + Part B	10 kg
	Refer to current price list for available packaging variations	
Shelf life	12 months from date of production	
Storage conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.	

Refer to the current Safety Data Sheet for information on safe handling and storage.

Appearance and colour	Cured appearance	Matt finish
	Cured colour	Almost unlimited choice of colour shades
Density	Mixed product	1.15 kg/l (EN ISO 2811-1)
Solid content by mass	74 %	
Solid content by volume	74 %	

TECHNICAL INFORMATION

APPLICATION INFORMATION

Mixing ratio	Part A : Part B (by weight)	70 : 30	
Consumption	Smooth surfaces	0.15 kg/m ² per layer	
	Broadcast surfaces	0.4 kg/m ² + 0.3–0.5 % Sika® Extender T per layer	
<p>Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.</p>			
Material temperature	Maximum	+30 °C	
	Minimum	+10 °C	
Ambient air temperature	Maximum	+30 °C	
	Minimum	+10 °C	
Relative air humidity	Maximum	80 % r.h.	
Dew point	Beware of condensation. The substrate and uncured applied product must be at least +3 °C above dew point to reduce the risk of condensation on the surface of the applied product.		
Substrate temperature	Maximum	+30 °C	
	Minimum	+10 °C	
Substrate moisture content	Refer to the individual primer Product Data Sheet.		
Pot Life	+10 °C	60 minutes	
	+20 °C	30 minutes	
	+30 °C	15 minutes	
Waiting time to overcoating	Before applying Sikafloor®-3570 over a broadcast layer, allow:		
	Temperature	Minimum	Maximum
	+10 °C	36 hours	No maximum waiting time
	+20 °C	24 hours	No maximum waiting time
+30 °C	12 hours	No maximum waiting time	
<p>Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.</p>			

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	~5 days

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

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

Refer to the following method statements:

- Sika Method Statement — Sikafloor® and Sikagard® evaluation and preparation of surfaces
- Sika Method Statement — Sikafloor® mixing and application

IMPORTANT CONSIDERATIONS

- After application, Sikafloor®-3570 must be protected from damp, condensation and direct water contact (rain) for at least 24 hours.
- For exact colour matching, ensure the Sikafloor®-3570 in each area is applied from the same control batch numbers.
- When using light colour shades for coating (e.g. yellow or orange), it may be necessary to apply several coats of Sikafloor®-3570 to achieve full opacity (hiding power).
- Discard any material over the pot life recommendations.

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.

Regulation (EC) No 1907/2006 (REACH) - Mandatory training

As from 24 August 2023 adequate training is required before industrial or professional use of this product. For more information and a link to the training visit www.sika.com/pu-training.



APPLICATION INSTRUCTIONS

EQUIPMENT

MIXING EQUIPMENT

- Electric double paddle mixer (>700 W, 300 to 400 rpm)

APPLICATION EQUIPMENT

- Fleece roller
- Squeegee

SUBSTRATE QUALITY

IMPORTANT

Incorrect treatment of cracks

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

TREATMENT OF JOINTS AND CRACKS

Construction joints and existing static surface cracks in substrate require pre-treating before full layer application. Use Sikadur® or Sikafloor® resins.

SUBSTRATE CONDITION

Cementitious substrates must be structurally sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum tensile strength of 1.5 N/mm².

Substrates must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings, laitance, surface treatments and loose friable material.

SUBSTRATE PREPARATION

IMPORTANT

Insufficient coating due to uneven or dirty substrates

Uneven or dirty substrates cannot be covered by thin seal coats.

1. Clean the substrate and adjacent areas thoroughly prior to application.

Preconditions

The applied broadcast resin floor surface is tack-free and dry.

1. Vacuum the substrate to remove all dirt and contamination prior to application.

MIXING

1. Mix part A until a uniform colour and mix has been achieved.
2. Add Part B (hardener) to Part A.
3. **IMPORTANT** Do not mix excessively. Mix Part A + B continuously for ~3 minutes until a uniformly coloured mix is achieved.
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 com-

plete mixing.

APPLICATION

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.

IMPORTANT

Protect from moisture

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

IMPORTANT

Damaged finish due to heating with fossil fuel heaters

Fossil fuel heaters powered by gas, oil or paraffin produce large quantities of both carbon dioxide and water vapour, which may adversely affect the finish.

1. For temporary heating, use only electrically powered warm air blower systems. Do not use gas, oil, paraffin or other fossil fuel heaters.

Exact colour matching

Note: For exact colour matching, ensure the Product in each area is applied from the same control batch number.

Opacity of light colour shades

Note: Light colour shades might require several coats of the Product to achieve full opacity of the coating.

SEAL COAT FOR BROADCAST SURFACES

1. Pour the mixed Product onto the substrate.

Note: The consumption is specified in Application Information.

2. Spread the Product evenly over the surface with a squeegee.
3. Back-roll the surface in two directions at right angles with a fleece roller.

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

ROLLER COATING

1. Pour the mixed Product onto the substrate.

Note: The consumption is specified in Application Information.

2. 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.

CLEANING OF EQUIPMENT

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

To prevent the nozzle from blocking, regularly clean the spraying equipment during application.

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Product Data Sheet

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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.

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