

## PRODUCT DATA SHEET

## Sikafloor®-3004 W

Matt water-based polyurethane seal coat

## DESCRIPTION

Sikafloor®-3004 W is an extra-matt, water-based, two-part polyurethane seal coat with very low VOC emissions.

## USES

Sikafloor®-3004 W is used as a:

- Matt seal coat for Sika ComfortFloor® systems

Please note:

- The Product may only be used by experienced professionals.
- The Product may only be used for interior applications.

## FEATURES

- Water-based
- Very low odour
- Good resistance to UV exposure
- Good yellowing resistance
- Low maintenance

## PRODUCT INFORMATION

Composition	Water-based polyurethane		
Packaging	Container Part A	8.5 kg	
	Container Part B	1.5 kg	
	Container Part A + Part B	10 kg	
	Refer to the current price list for available packaging variations.		
Colour	Part A	White	
	Part B	Yellowish	
	Cured colour	Transparent	
Shelf life	Part A	9 months from date of production	
	Part B	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 the packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.		
Density	Mixed Product	1.06 kg/l	(EN ISO 2811-1)
	Part A	1.05 kg/l	
	Part B	1.13 kg/l	

Appearance	Part A	Liquid
	Part B	Liquid
	Cured appearance	matt finish

## TECHNICAL INFORMATION

Tensile adhesion strength	> 1.5 N/mm <sup>2</sup> (failure in concrete)		(EN 1542)
Chemical resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.		
Gloss level	85°	< 25	(EN ISO 2813)
	60°	< 10	

## APPLICATION INFORMATION

Mixing ratio	Part A : Part B (by weight)		85 : 15	
Consumption	Max. 0.1 kg/m² per layer			
Material temperature	Maximum		+30 °C	
	Minimum		+10 °C	
Ambient air temperature	Maximum		+30 °C	
	Minimum		+10 °C	
Relative air humidity	Maximum		75 % 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		50 minutes	
	+20 °C		30 minutes	
	+25 °C		20 minutes	
Applied product ready for use	Temperature	Foot traffic	Light traffic	Full cure
	+10 °C	30 hours	48 hours	6 days
	+20 °C	16 hours	24 hours	4 days
	+30 °C	12 hours	18 hours	3 days
	Note: 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 DOCUMENTATION

Refer to the following method statements:

- Sika Method Statement — Evaluation and preparation of surfaces for flooring systems
- Sika Method Statement — Sikafloor® mixing and application

## 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

## EQUIPMENT

Select the most appropriate equipment required for the project.

### MIXING EQUIPMENT

- Electric single-paddle mixer (300 to 400 rpm)
- Clean mixing containers

### APPLICATION EQUIPMENT

- Short-pile nylon roller
- Airless spray equipment

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

## MIXING

1. Prior to mixing all parts, mix Part A (resin) using an electric single paddle mixer. Mix liquid until a uniform 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. Leave the Product to stand for 10 minutes before application.

## 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.

### Preconditions

The substrate moisture content, relative humidity and dew point are appropriate for application. Note The floor must be divided into sections (at expansion joints or doorways when possible) that can be completed without stopping.

1. Apply the mixed Product in the corners, around columns and other installations by short pile roller. Note Maintain a "wet edge" during application to achieve a seamless finish.
2. Distribute the mixed Product at the correct consumption rate crosswise with a short pile nylon roller. Note Maintain a "wet edge" during application to achieve a seamless finish.

## CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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### PRODUCT DATA SHEET

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