

## SYSTEM DATA SHEET

# Sikafloor® MultiFlex PS-32

Smooth-finish, crack-bridging polyurethane flooring system

## DESCRIPTION

Sikafloor® MultiFlex PS-32 is a smooth-finish polyurethane flooring system. It is part of the Sikafloor® Multiflex flooring range.

## USES

Sikafloor® MultiFlex PS-32 may only be used by experienced professionals.

Sikafloor® MultiFlex PS-32 is used in industrial buildings such as:

- Automotive facilities
- Food and beverage facilities
- Logistics facilities and warehouses

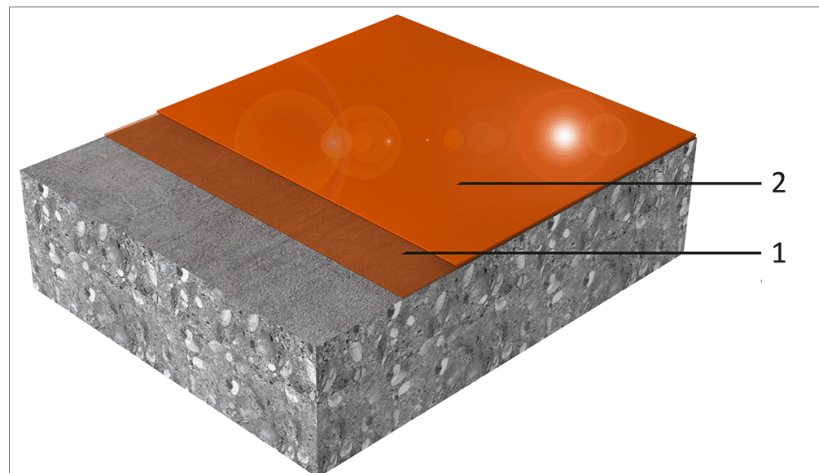
## FEATURES

- Good mechanical resistance
- Good crack-bridging ability
- Low maintenance
- Low dirt pick-up
- Good resistance to specific chemicals
- Seamless
- Low VOC emissions
- Low Airborne Molecular Contaminants (AMC) emissions

## SYSTEM INFORMATION

### System structure

Sikafloor® MultiFlex PS-32



	Layer	Product
1.	Primer	Sikafloor®-150 Sikafloor®-151 Sikafloor®-1590 Contact Sika technical service for information on choosing the right primer for your project.
2.	Wearing layer	Sikafloor®-3240 filled 1 : 0.5–0.7 with Quartz sand (0.1–0.3 mm) by weight

<b>Composition</b>	Combination of epoxy and polyurethane
<b>Appearance</b>	Smooth gloss finish
<b>Colour</b>	Standard colour RAL 7032. Extended colour range on request.
<b>Nominal thickness</b>	2.0 mm

## TECHNICAL INFORMATION

<b>Shore D Hardness</b>	Cured 7 days at +23 °C	60	(EN ISO 868)
<b>Abrasion resistance</b>	Cured 20 days at +23 °C	525 mg H22 / 1000 g / 1000 cycles	(EN ISO 5470-1)
<b>Tensile adhesion strength</b>	≥ 1.5 MPa		(EN 1542)
<b>Reaction to fire</b>	Class B <sub>fl</sub> -s1		(EN 13501-1)
<b>Chemical resistance</b>	Laboratory defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Services for specific information.		

## APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-150 Sikafloor®-151 Sikafloor®-1590	1-2 × 0.3–0.5 kg/m <sup>2</sup>
	Levelling	Sikafloor®-150 Sikafloor®-151 Sikafloor®-1590	Refer to the individual Product Data Sheet.
	Wearing layer	Sikafloor®-3240 filled 1 : 0.5–0.7 with Quartz sand (0.1–0.3 mm) by weight	1 × 1.8 kg/m <sup>2</sup>

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.

<b>Ambient air temperature</b>	Maximum	+30 °C
	Minimum	+10 °C
<b>Relative air humidity</b>	Maximum	80 % r.h.
<b>Dew point</b>	Refer to the individual Product Data Sheet.	
<b>Substrate temperature</b>	Maximum	+30 °C
	Minimum	+10 °C
<b>Substrate moisture content</b>	Refer to the individual Product Data Sheet.	

## Waiting time to overcoating

When using Sikafloor®-1590 refer to the individual Product Data Sheet for specific information on waiting time to overcoating.

Before applying Sikafloor®-3240 over the primer, allow:

Temperature	Minimum	Maximum
+10 °C	17 hours	4 days
+20 °C	9 hours	2 days
+30 °C	7 hours	1 day

Note: 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	14 days
+20 °C	24 hours	3 days	7 days
+30 °C	16 hours	2 days	5 days

Note: Times apply when the last layer of the system has been applied. Times are 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 — 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.

## 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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