

SYSTEM DATA SHEET

Sika ComfortFloor® PS-22

Soft-footfall, self-smoothing, scratch-resistant, polyurethane flooring system

DESCRIPTION

Sika ComfortFloor® PS-22 is an elastic, self-smoothing polyurethane flooring system. It is especially designed for seamless indoor applications that are required to be soft underfoot and at the same time wear and scratch resistant.

USES

Sika ComfortFloor® PS-22 may only be used by experienced professionals.

Sika ComfortFloor® PS-22 is used in the following commercial and public buildings and areas:

- Healthcare facilities and hospitals
- Schools and universities
- Residential areas and homes

SYSTEM INFORMATION

FEATURES

- Comfortable to walk on
- Available in standard and customised colours
- Easy to clean and maintain

SUSTAINABILITY

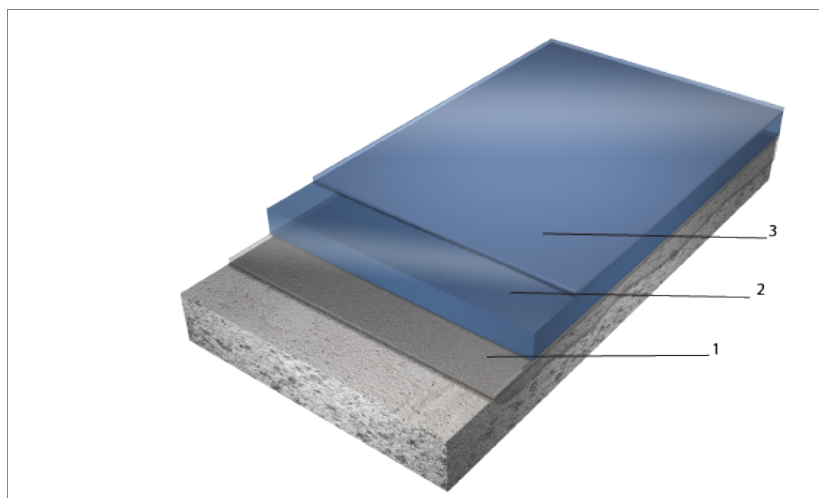
- Contributes towards satisfying Indoor Environmental Quality (EQ) Credit: Low-Emitting Materials under LEED® v4 — 1–3 points

CERTIFICATES AND TEST REPORTS

- Classification of reaction to fire, EN 13501-1, Sika Comfort Floor PS-22
- Indoor Air Comfort Gold EN 16516, eurofins, No. IACG-439-01-05-2022

System structure

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August 2025, Version 04.01

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	Layer	Product
1.	Primer	Sikafloor®-150 Sikafloor®-151 Sikafloor®-1590 Sikafloor®-3159 Contact Sika Technical Service for information on choosing the right primer for your project.
2.	Wearing layer	Sikafloor®-3310 (unfilled or filled with quartz sand)
3.	Top coat	Sikafloor®-305 W

An additional layer of Sikafloor®-304 W can be applied to the system for added protection. Refer to the individual Product Data Sheet.

Composition	Polyurethane
Appearance	Smooth matt finish
Colour	Available in various colours. Please contact our customer service, for information of which colors are sold in Denmark.
Nominal thickness	~2 mm to 3 mm

TECHNICAL INFORMATION

Shore A hardness	Cured 14 days at +23 °C	80	(EN ISO 868)
Castor chair resistance	No damage (25 000 cycles)		(EN 425)
Resistance to impact	Class I: ≥ 4 Nm		(EN ISO 6272-1)
Tensile strength	Resin filled, cured 14 days at +23 °C and 50 % r.h.	8.0 N/mm ²	(EN ISO 527-2)
Tensile adhesion strength	> 1.5 N/mm ²		(EN 1542)
Reaction to fire	Class B _{fl} -s1		(EN 13501-1)
Chemical resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.		
Resistance to UV exposure	8 / Colour fastness		(EN ISO 105-B02)
Skid / slip resistance	Class	R 11	(DIN 51130)
Indentation	0.05 mm		(EN 433)

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-150	1-2 × 0.3–0.5 kg/m ²
		Sikafloor®-151	1-2 × 0.3–0.5 kg/m ²
		Sikafloor®-1590	1-2 × 0.3–0.5 kg/m ²
		Sikafloor®-3159	1-2 × 0.5–0.6 kg/m ²
	Wearing layer	(sandfilled)	
		Sikafloor®-3310*	2.8kg/m ² (2 mm)
	Top coat	Sikafloor®-305 W	0.15 kg/m ² per layer

* Sikafloor®-3310 can be filled up to 2 : 1 with quartz sand (0.1– 0.3 mm) by weight with a consumption of ~3.4 kg/m² in 2 mm (resin - ~2.26 kg and quartz sand ~1.13 kg).

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 the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Ambient air temperature	Maximum	+30 °C		
	Minimum	+15 °C		
Relative air humidity	Maximum	80 % r.h.		
Dew point	Refer to the individual Product Data Sheet.			
Substrate temperature	Maximum	+30 °C		
	Minimum	+15 °C		
Substrate moisture content	Refer to the individual Product Data Sheet.			
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.

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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SikaComfortFloorPS-22-en-DK-(08-2025)-4-1.pdf