

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

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

CERTIFICATES AND TEST REPORTS

- Impact Sound Reduction EN 140-8, Sika Comfort-floor® / Comfortfloor® Pro / Comfor
- 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

PRODUCT INFORMATION

Packaging

Shelf life

Storage conditions

TECHNICAL INFORMATION

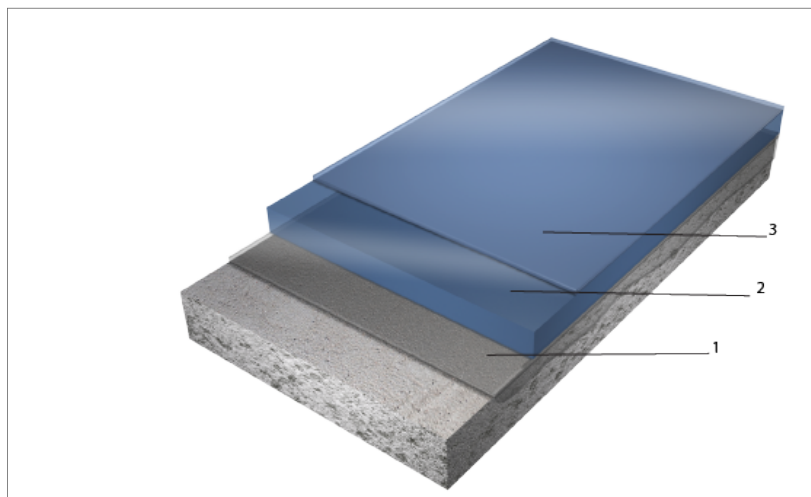
Shore A hardness	Cured 14 days at +23 °C	80	(EN ISO 868)
Castor chair resistance	No damage (25 000 cycles)		(EN 425)
Resistance to impact	4 N/m		(EN ISO 6272-1)
Tensile strength	Resin filled, cured 14 days at +23 °C and 50 % r.h.	8.0 N/mm ²	(EN ISO 527-2)
Tensile adhesion strength	> 1.5 N/mm ²		(EN 1542)

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)

SYSTEM INFORMATION

System structure

Sika ComfortFloor® PS-22



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®-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 a wide range of colours.
Nominal thickness	~2 mm to 3 mm

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-150	1-2 x 0.3-0.5 kg/m ²
		Sikafloor®-151	
		Sikafloor®-1590	
	Wearing layer	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
	+15 °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 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 Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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.

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.