BUILDING TRUST

SYSTEM DATA SHEET

Sika ComfortFloor® PS-69

Smooth, sound-insulating, elastic polyurethane floor covering with optional colour flakes and low VOC emissions

PRODUCT DESCRIPTION

Sika ComfortFloor® PS-69 is an aesthetic, elastic, low-VOC polyurethane flooring system with a sound-dampening layer and the option of individual aesthetic design using decorative coloured chips. The System is part of the Sika Comfortfloor® decorative flooring range.

USES

Sika ComfortFloor® PS-69 may only be used by experienced professionals.

Sika ComfortFloor® PS-69 is used in the following commercial and public buildings and areas:
- Offices
- Museums
- Schools and universities
- Healthcare facilities and hospitals
- Residential areas and homes

Please note:
- The System may only be used for interior applications.

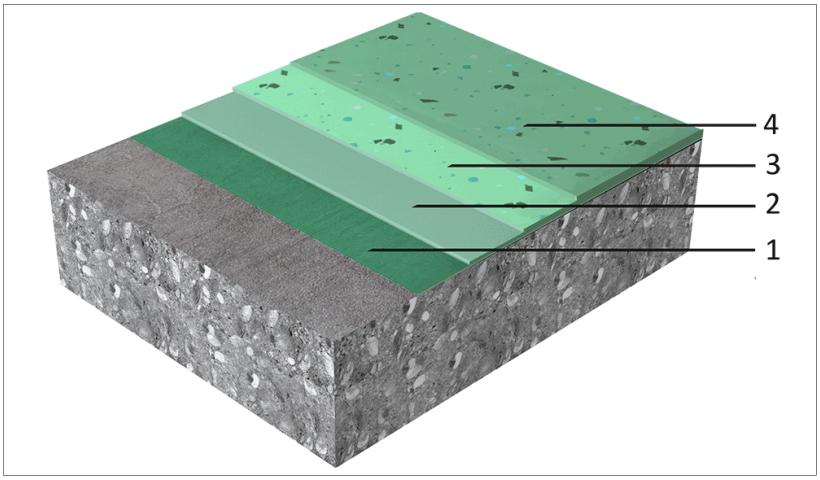
CHARACTERISTICS / ADVANTAGES

- Good mechanical resistance
- Highly flexible
- Low maintenance
- No shrinkage after curing
- Low VOC emissions
- Reduces footfall sound and contact noise
- Good resistance to UV exposure
- Soft underfoot

SYSTEM INFORMATION

System Structure

Sika ComfortFloor® PS-69



Layer	Product
Primer	Sikafloor®-150 Plus, or Sikafloor®-151, or Sikafloor®-1590
Acoustic layer	Sikafloor®-329
Wearing layer	Sikafloor®-3000 (Unicolour), or Sikafloor®-3000 FX (Marble effect)
Top coat	Sikafloor®-304 W, or Sikafloor®-304 W Matt

Contact Sika Technical Service for information on choosing the right primer for your project.

Composition	Polyurethane
Appearance	Smooth, matt finish
Colour	Available in almost unlimited range of colour shades
Nominal thickness	4–5 mm

TECHNICAL INFORMATION

Shore A Hardness	Cured 14 days at +23 °C	84	(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 adhesion strength	> 1.5 N/mm²		(EN 1542)
Reaction to Fire	Class C_{fl}-s1		(EN 13501-1)
Chemical Resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.		
Sound Insulation	2 mm accoustic layer thickness	ΔL_w = 16 dB	(ISO 10140-3)
Indentation	0.10 mm		(EN 433)

APPLICATION INFORMATION

Consumption

Layer	Product	Consumption
Primer	Sikafloor®-150 Plus ,or Sikafloor®-151, or Sikafloor®-1590	1-2 × 0.3–0.5 kg/m²
Acoustic layer	Sikafloor®-329	2.5 kg/m²
Wearing layer	Sikafloor®-3000, or Sikafloor®-3000 FX	2.8 kg/m² (2 mm)
Top coat	Sikafloor®-304 W, or Sikafloor®-304 W Matt	0.13–0.15 kg/m² per layer diluted with 10 % water

Note: Consumption data is theoretical and does not account for any additional material due to surface porosity, surface profile, variations in level, wastage, or other factors. 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.

Waiting Time / Overcoating

When using Sikafloor®-1590 refer to the individual Product Data Sheet for specific information on waiting time to overcoating.
Before applying Sikafloor®-329 on the primer allow:

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

Before applying Sikafloor®-3000, Sikafloor®-3000 FX or Sikafloor®-3000 Nature on the acoustic layer allow:

Temperature	Minimum	Maximum
+15 °C	24 hours	3 days
+20 °C	12 hours	48 hours
+30 °C	8 hours	36 hours

Before overcoating Sikafloor®-304 W, Sikafloor®-304 W Matt or Sikafloor®-306 W on the wearing layer allow:

Temperature	Minimum	Maximum
+10 °C	24 hours	72 hours
+20 °C	16 hours	48 hours
+30 °C	16 hours	36 hours

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	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.

VALUE BASE

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.

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

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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