

SYSTEM DATA SHEET

Sika Comfortfloor® PS-23

SEAMLESS, LOW VOC, ELASTOMERIC DECORATIVE FLOORING FOR INTERIOR CONCRETE SURFACES
ENGINEERED WITH SIKAFLOOR® - 330 @ 80 - 120 MILS (2.0 - 3.0 MM)

PRODUCT DESCRIPTION

Sika Comfortfloor® PS-23 is an ergonomic, sound dampening, low emission floor which is UV stable, decorative and easy system to maintain. Sika Comfortfloor® PS-23 is a seamless, fluid applied urethane floor system comprised of 100% solids epoxy primer, pigmented self leveling urethane body coat and a wear resistant, pigmented water based urethane top coat. Sika Comfortfloor® PS-23 is typically installed @ 80 - 120 mils (2.0 - 3.0 mm).

USES

Sika Comfortfloor® PS-23 may only be used by experienced professionals.

- Healthcare facilities
- Schools and universities
- Leisure & culture facilities
- Retail & residential
- Commercial and public buildings

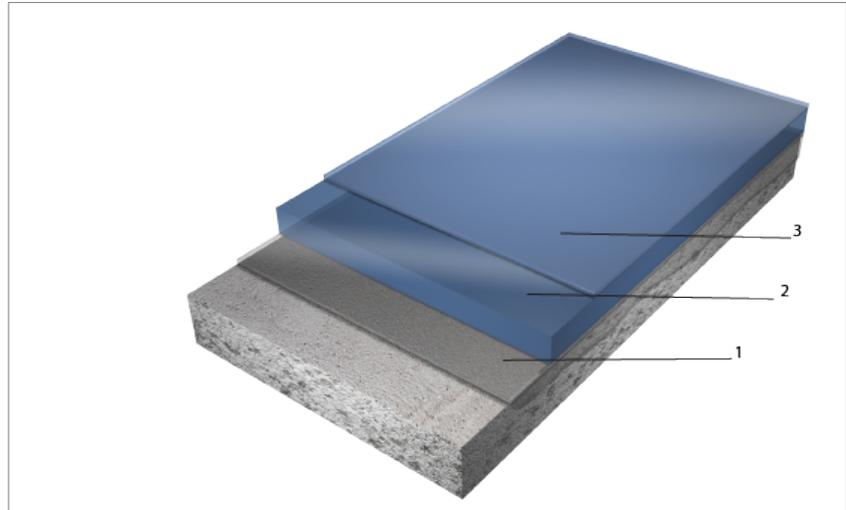
CHARACTERISTICS / ADVANTAGES

- Decorative and comfortable
- Soft footfall
- Seamless and sanitary
- Excellent resistance to fire
- Low VOC content
- Superior matte finish
- Excellent mechanical and abrasion resistance
- Simple application
- Very low maintenance

SYSTEM INFORMATION

System Structure

Sika Comfortfloor® PS-23 ~ 80 - 120 mils (2.0 - 3.0 mm)



Description	Products	Thickness mils
1. Primer	Sikafloor®-161	8 - 12
2. Body Coat	Sikafloor®-330 + Sikafloor®-Epoxy N Color Add	80 - 100
3. Top Coat	Sikafloor®-305 W	5 - 8
Options		
Primers	Sikafloor®-165 FS Sikafloor®-1610	8 - 10

Color	Refer to Sika ComfortFloor Color Additives Selection Guide. The Sikafloor 330 should be pigmented the same or close to the color of the Sikafloor- 305W top coat.
Nominal thickness	80 - 120 mils (2.0 - 3.0 mm)
Minimum thickness	80 mils (2.0 mm)
Volatile organic compound (VOC) content	Please refer to the individual Product Data Sheets.

TECHNICAL INFORMATION

Shore A Hardness	>80 (14 days)	ASTM D2240 73°F (23°C) and 50% R.H
Impact Strength	160 in - lbs. (1.8 kg-m.) direct and reverse	ASTM D2794 73°F (23°C) and 50% R.H
Tensile Strength	1,142 psi.(~ 8.0 N/mm ²)	ASTM D412 at 73°F(23°C) and 50% R.H
Tensile Adhesion Strength	> 400 psi (concrete failure)	ASTM D4541 73°F (23°C) and 50% R.H
Tear Strength	142.75 lb./in.(~ 25 N/mm 14 days)	ASTM D624 at 73°F(23°C) and 50% R.H
Elongation at Break	180	ASTM D412 73°F (23°C) and 50% R.H
Chemical Resistance	Contact Sika Technical Service for specific information	
Coefficient of Friction	0.6	ANSI 326.3 73°F (23°C) and 50% R.H

APPLICATION INFORMATION

Coverage	Description	Products	Approximates Sq.Ft./kit
1. Primer		Sikafloor®-161	900@8mils
		Sikafloor®-330	144@80mils
		Sikafloor®-Epoxy N Color Add	2 quart per 7.22 gallon kit
2. Body Coat			
3. Top Coat		Sikafloor®-305 W	653@5 mils
Options			
Primers		Sikafloor®-165 FS	1000@8mils
		Sikafloor®-1610	900@8mils
Ambient Air Temperature	Minimum/Maximum 50°/85°F (10°/30°C)		
Substrate Temperature	Minimum/Maximum 50°/85°F (10°/30°C)		

PRODUCT INFORMATION

Packaging	Please refer to the individual Product Data Sheets
Shelf Life	Please refer to the individual Product Data Sheets
Storage Conditions	Please refer to the individual Product Data Sheets

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Concrete surfaces must be clean and sound. Remove all dust, dirt, existing paint films, efflorescence, exudates, laitance, form oils, hydraulic or fuel oils, brake fluid, grease, fungus, mildew, biological residues or any other contaminants which may prohibit a good bond.

Prepare the surface by any appropriate mechanical means, in order to achieve a profile equivalent to ICRI - CSP 3-6. The compressive strength of the concrete substrate should be at least 3,625 psi (25 MPa) at 28 days and a minimum of 218 psi (1.5 MPa) in tension at the time of application.

Repairs to cementitious substrates, filling of blowholes, leveling of irregularities, etc. should be carried out using an appropriate Sika profiling mortar. Contact Sika Technical Service for a recommendation.

Priming

Priming for concrete substrate is required. Prime with either Sikafloor 161, Sikafloor 165 FS or Sikafloor 1610

Allow the primer to cure (varies with temperature and humidity) until tack free before applying subsequent coats. Ensure that the primer is pore-free, pinhole-free and provides uniform and complete coverage over the entire substrate. Please refer to the individual most current and respective Product Data Sheet for specific and detailed information.

MIXING

Please refer to the individual Product Data Sheets.

APPLICATION

Please refer to the individual Product Data Sheets.

LIMITATIONS

Please refer to the individual Product Data Sheets for Limitations.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com

Sika Mexicana S.A. de C.V.

Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537



System Data Sheet

Sika Comfortfloor® PS-23
December 2020, Version 02.01
020812900000000001

SikaComfortfloorPS-23-en-US-(12-2020)-2-1.pdf

