



SYSTEM DATA SHEET

Sika® ComfortFloor® PS-25

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

PRODUCT DESCRIPTION

Sika® ComfortFloor® PS-25 is an ergonomic, sound dampening, low emission, flaked floor system that is UV stable and easy to maintain. Sika® ComfortFloor® PS-25 is comprised of a 100% solids epoxy primer, a pigmented self leveling urethane body coat, a urethane receiver coat broadcast with decorative flakes, and a wear resistant, pigmented water based urethane top coat. Sika® ComfortFloor® PS-25 is typically installed @ 80 - 120mils (2.0 - 3.0 mm).

USES

Sika® ComfortFloor® PS-25 may only be used by experienced professionals.

- Hospitals and clinics
- Education facilities
- Offices, corridor and lobbies
- Retail establishments
- Public spaces

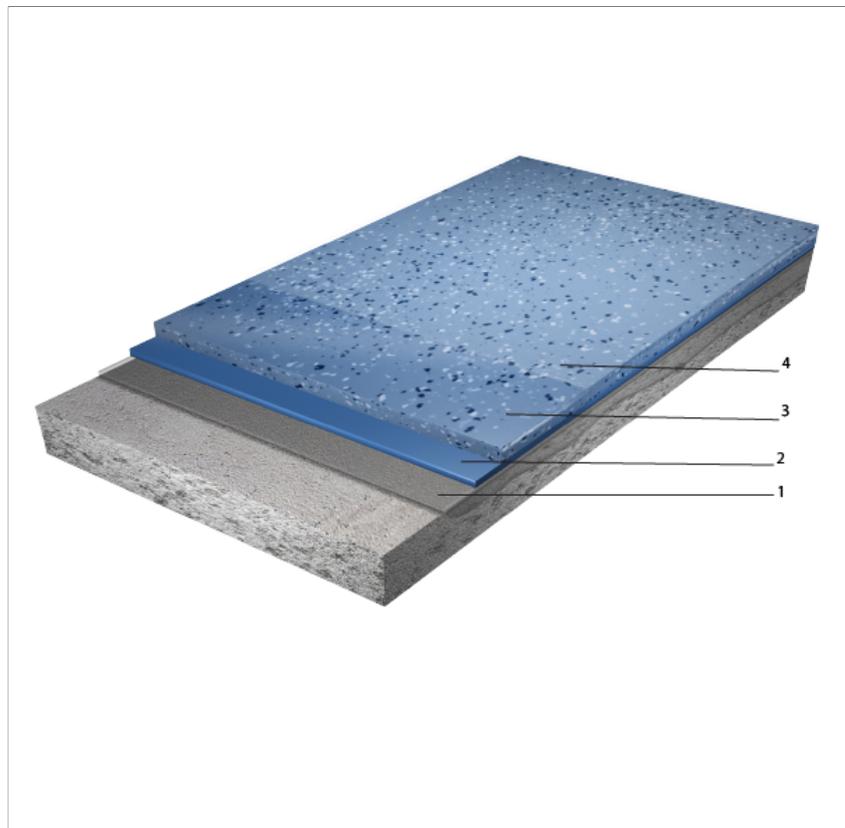
CHARACTERISTICS / ADVANTAGES

- Durable and decorative
- Sound dampening
- Seamless and hygienic
- High resistance to fire spread
- Low VOC content
- Crack and damaged floor remedy
- Attractive matte finish
- Resistant to mechanical and abrasion abuse
- Simple installation
- Care-free maintenance

SYSTEM INFORMATION

System Structure

Sika® ComfortFloor® PS-25 ~ 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. Receiver Coat	Sikafloor®-305 + Sikafloor®- Decorative Flakes	5 - 8
4. Top Coat	Sikafloor®-304 W NA	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 NA top coat.

Nominal thickness

80 - 120 mils (2.0 - 3.0 mm)

Minimum thickness

80 mils (2.0 mm).

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
Crack Bridging Ability	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
2. Body Coat		Sikafloor®-Epoxy N Color Add	2 quart per 7.22 gallon kit
		Sikafloor®-305 W	653@5mils
3. Receiver Coat		Sikafloor Decorative Flakes	2 lbs per 2.04 gallon kit
4. Top Coat		Sikafloor®-304 W NA	595@5mils
Options			
Primers		Sikafloor®-165 FS	1000@8mils
		Sikafloor®-1610	900@8mils
2 nd Top Coat		Sikafloor®-304 W NA	595@5mils
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.

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 most current and respective Product Data Sheet for further 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.

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