

SYSTEM DATA SHEET

Sika® ComfortFloor® PS-67

SEAMLESS, ELASTOMERIC DECORATIVE FLOORING FOR INTERIOR CONCRETE SURFACES FINISH
ENGINEERED WITH SIKAFLOOR® - 330 @ 240 -320 MILS (3.8 - 5.1 MM)

PRODUCT DESCRIPTION

Sika® ComfortFloor® PS-67 is an ergonomic, sound dampening, low emission floor system that is UV stable with very low maintenance. Sika® ComfortFloor® PS-67 is a seamless, hygienic, system using a 100% solids urethane adhesive, 5mm pad of more than 80% recycled content, pigmented self leveling urethane body coat, a urethane receiver coat broadcast with decorative flake and a wear resistant, pigmented water based urethane topcoat. This system is LEED contributing by using rapidly renewable resources as the raw material basis. Sika® ComfortFloor® PS-67 is typically installed @ 240 - 320 mils (3.8 - 5.1 mm).

USES

Sika® ComfortFloor® PS-67 may only be used by experienced professionals.

- Cleanrooms and laboratories
- Classrooms and studios
- Lobbies, offices and corridors
- Public spaces
- Animal care facilities

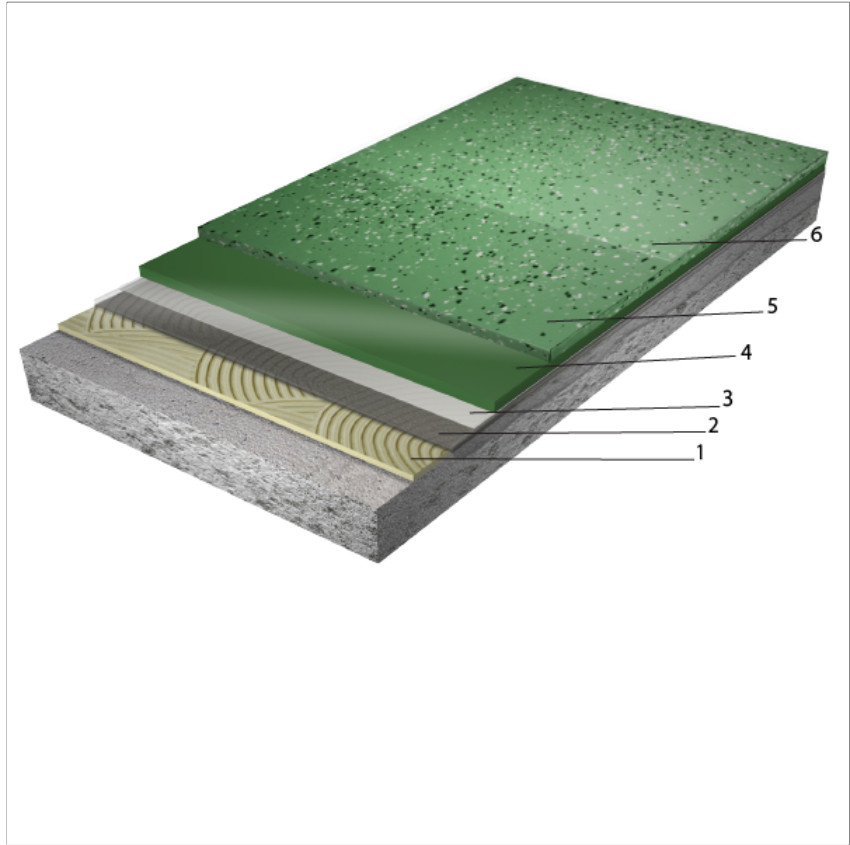
CHARACTERISTICS / ADVANTAGES

- Very low VOC emission
- Durable and decorative
- Excellent sound dampening
- Resistant to mechanical abuse
- Excellent UV resistance
- Seamless and sanitary
- Unlimited décor options
- Care-free maintenance
- Superior life cycle cost

SYSTEM INFORMATION

System Structure

Sika® ComfortFloor® PS-67 ~ 240 - 320 mils (3.8 - 5.1 mm)



Description	Products	Thickness mils
1. Adhesive	Sika ComfortFloor Adhesive	15 - 20
2. Shockpad	Sika ComfortFloor Regupol 6015H Shockpad	157 -180
3. Pore Sealer	Sika Comfort Porefiller	15 -20
4. Body Coat	Sikafloor®-330 + Sikafloor®-Epoxy N Color Add	80 - 100
5. Receiver Coat	Sikafloor®-305 W + Random Decorative Flakes	5 - 8
6. Sealer Coat	Sikafloor 304 W NA	5 - 8
Optional		
2 nd Sealer Coat	Sikafloor 304 W NA	5 - 8

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- 305 W top coat.

Nominal thickness	240 - 320 mils (3.8 - 5.1 mm)
Minimum thickness	240 mils (3.8)
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
Abrasion Resistance	CS-17/1000 rotations/1000 g- 0.04g	ASTM D4060 73°F (23°C) and 50% R.H
Impact Strength	160 in - lbs	ASTM D2794 73°F (23°C) and 50% R.H
Residual impression	0.002 in (800 lb load)	ASTM F970 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	> 500 Psi (3.5 MPa) (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%	
Crack Bridging Ability	Passed	ASTM C1305 73°F (23°C) and 50% R.H
Resistance to Thermal Shock	<450	ASTM E468 73°F (23°C) and 50% R.H
External Fire Performance	Class 1	ASTM E648 at 73°F(23°C) and 50% R.H
Reaction to Fire	Δ E 0.3 (7 days at 158°F/70°C)	ASTM D4541 73°F (23°C) and 50% R.H
Chemical Resistance	Contact Sika Technical Service for specific information	
Thermal Resistance	Very Good	
Gloss level	5-15(60°)	ASTM D523 73°F (23°C) and 50% R.H
Thermal Conductivity	Very Good	
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. Adhesive	Sika ComfortFloor Adhesive	578@18
	2. Shockpad	Sika ComfortFloor Regupol 6015H Shockpad	403@157
	3. Pore Sealer	Sika Comfort Porefiller	806@15
		Sikafloor®-330	144@80mils
	4. Body Coat	Sikafloor®-Epoxy N Color Add	2 quart per 7.22 gallon kit
		Sikafloor®-305 W	653@5mils
	5. Receiver Coat	Sika Decorative Flakes	2 lbs per 2.02 gallon kit
	6. Sealer Coat	Sikafloor®-304 W NA	595@5mils
	Optional		
	2 nd Sealer 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.

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.

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 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.

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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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



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