

SYSTEM DATA SHEET

Sika Comfortfloor® PS-65

SEAMLESS ELASTOMERIC FLOORING FOR INTERIOR CONCRETE SURFACES ENGINEERED WITH SIKA-FLOOR® - 330 @ 307 - 355 MILS (7.8 - 9.0 MM)

PRODUCT DESCRIPTION

Sika Comfortfloor® PS-65 is an ergonomic, sound dampening, UV stable, low maintenance floor system. Sika Comfortfloor® PS-65 is a seamless, sanitary system comprised of 100% solids urethane adhesive, 5mm pad of more than 80% recycled content, pigmented self leveling urethane wear course and a wear resistant, pigmented water based urethane top coat. This system is LEED contributing by using rapidly renewable resources as the raw material basis. Sika Comfortfloor® PS-65 is typically installed @ 307 - 355 mils (7.8 - 9.0 mm).

USES

Sika Comfortfloor® PS-65 may only be used by experienced professionals.

- Clinics, labs and cleanrooms
- Commercial offices and lobbies
- Hospitality venues
- Hallways and corridors
- Animal care facilities

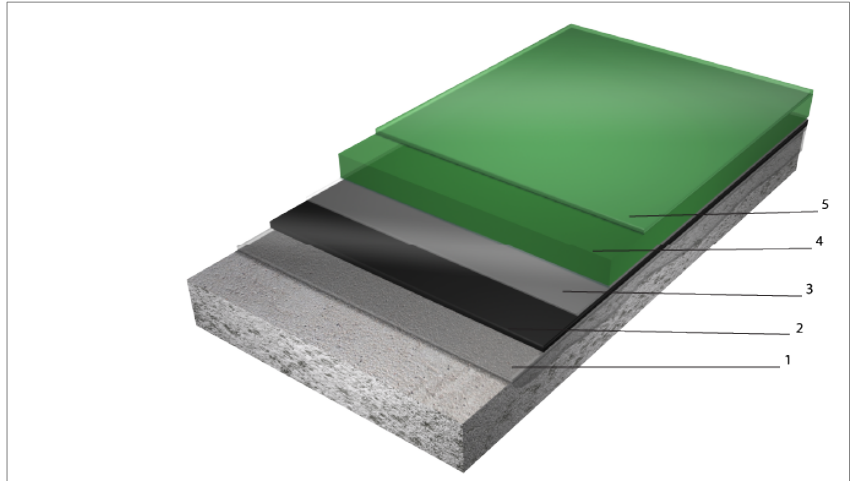
CHARACTERISTICS / ADVANTAGES

- Near zero VOC emission
- Flexible and resilient
- Very good acoustic isolation
- High mechanical resistance
- Excellent UV resistance
- Seamless and sanitary
- Wide color palette
- Non shrinking
- Durable
- Low maintenance and life cycle cost

SYSTEM INFORMATION

System Structure

Sika Comfortfloor® PS-65 ~ 307 - 355 mils (7.8 - 9.0 mm)



Description	Products	Thickness mils
1. Adhesive	Sika ComfortFloor Adhesive	15 - 20
2. Shockpad	Sika ComfortFloor Regupol 6015H Shockpad	157
3. Pore Sealer	Sika ComfortFloor Porefiller (multiple coats)	30 - 45
4. Body Coat	Sikafloor®-330 + Sikafloor® Epoxy Pigment Pack	100 - 125 minimum
5. Top Coat	Sikafloor®-305 W NA	5 - 8
Optional 2 nd Top Coat	Sikafloor®-304 W NA	5 - 8

Appearance	Smooth, matt finish
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 NA top coat.
Nominal thickness	307 - 355 mils (7.8 - 9.0 mm)
Minimum thickness	307 (7.8 mm)

TECHNICAL INFORMATION

Testing	>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 D4226 at 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

Elongation at Break	180%	ASTM D412 73°F (23°C) and 50% R.H
Tensile Adhesion Strength	> 500 Psi (3.5 MPa) (concrete failure)	ASTM D7234 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	Passed	ASTM C1305 73°F (23°C) and 50% R.H
Resistance to Thermal Shock	<450	ASTM E684 at 73°F(23°C) and 50% R.H
Reaction to Fire	Δ E 0.3 (7 days at 158°F/70°C)	ASTM F1514 73°F (23°C) and 50% R.H
Chemical Resistance	Contact Sika Technical Service for specific information	
Thermal Resistance	Very good	
Thermal Conductivity	Very good	
Coefficient of Friction	0.6	ANSI 326.3 73°F (23°C) and 50% R.H
Residual impression	0.002 in (500 lb load)	ASTM F970 at 73°F(23°C) and 50% R.H
Resistance to stubbed cigarettes	Class 1	ASTM E648 at 73°F(23°C) and 50% R.H
Gloss level	5-15 (60°)	ASTM D523 73°F (23°C) and 50% R.H

APPLICATION INFORMATION

Coverage	Description	Products	Approximates Sq.Ft./kit
	1. Adhesive	Sika ComfortFloor Adhesive	727 @ 15 mils
	2. Shockpad	Sika ComfortFloor Regupol 6015H Shockpad	403 @ 157 mils
	3. Pore Sealer*	Sika ComfortFloor Porefiller (multiple coats)	844 @ 15 mils
	4. Body Coat	Sikafloor®-330	123 @ 100 mils minimum
		Sikafloor® Epoxy Pigment Pack	2 quarts per 7.22 gallon kit
	5. Top Coat	Sikafloor®-305 W NA	653 @ 5 mils
* 3 coats of Porefiller. 1 st application addresses the seams only. 2 nd application coats pad north to south. 3 rd application coats pad east to west.			
	Optional Description	Products	Approximates Sq.Ft./kit
	2 nd Top Coat	Sikafloor-304 W NA	595 @ 5 mils
Ambient Air Temperature	Minimum/Maximum 50°/85°F (10°/30°C)		
Substrate Temperature	Minimum/Maximum 50°/85°F (10°/30°C)		

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 of the substrate prior to Sikafloor ComfortFloor Adhesive application may be necessary due to porosity of the concrete substrate. Contact Technical Service for recommendations.

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System Data Sheet
Sika Comfortfloor® PS-65
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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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