

## SYSTEM DATA SHEET

# Sika Comfortfloor® PS-65

SEAMLESS ELASTOMERIC FLOORING FOR INTERIOR CONCRETE SURFACES ENGINEERED WITH SIKAFLOOR® - 330 @ 240 -320 MILS (3.8 - 5.1 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 @ 240 - 320 mils (3.8 - 5.1 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

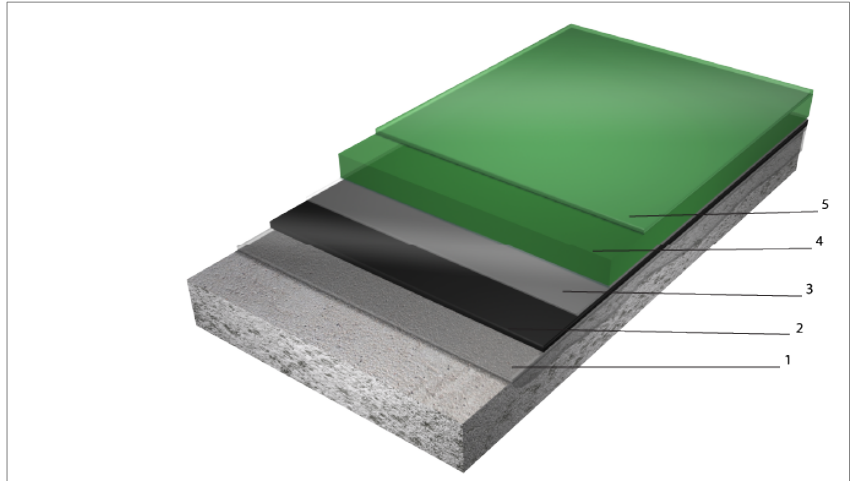
## CHARACTERISTICS / ADVANTAGES

- 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 ~ 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 ComfortFloor Porefiller Sikafloor®-330	15 - 20
4. Body Coat	+ Sikafloor®-Epoxy N Color Add	80 - 100
5. Top Coat	Sikafloor®-305 W	5 - 8
<b>Appearance</b>	Smooth, matt finish	
<b>Color</b>	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.	
<b>Nominal thickness</b>	240 - 320 mils (3.8 - 5.1 mm)	
<b>Minimum thickness</b>	240 (3.8 mm)	
<b>Volatile organic compound (VOC) content</b>	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 D4226 at 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
Tensile Strength	1,142 psi.(~ 8.0 N/mm <sup>2</sup> )	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%	ASTM D412 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
Resistance to stubbed cigarettes	Class 1	ASTM E648 at 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@18mils
	2. Shockpad	Sika ComfortFloor Regupol 6015H Shockpad	403@157
	3. Pore Sealer	Sika ComfortFloor Porefiller	806@15
		Sikafloor®-330	144@80 mils
	4. Body Coat	Sikafloor®-Epoxy N Color Add	2 quart per 7.22 gallon kit
	5. Top Coat	Sikafloor®-305 W	653@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.

### 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](http://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.**

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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](http://usa.sika.com)



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