BUILDING TRUST

SYSTEM DATA SHEET

Sika® ComfortFloor® PS-25

SEAMLESS, ELASTOMERIC DECORATIVE FLOORING FOR INTERIOR CONCRETE SURFACES FINISH ENGINEERED WITH SIKAFLOOR® - 330 @ 90 - 120 MILS (2.25 - 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, clear water based urethane top coat. Sika® ComfortFloor® PS-25 is typically installed @ 90-120 mils (2.25-3.0 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

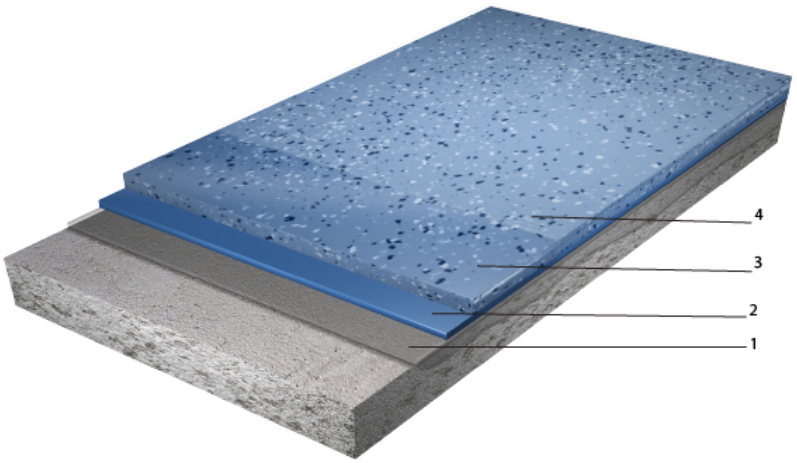
CHARACTERISTICS / ADVANTAGES

- Durable and decorative
- Sound dampening
- Soft footfall
- Seamless and hygienic
- Excellent resistance to fire spread
- Low VOC content
- Attractive matte finish
- Resistant to mechanical and abrasion abuse
- Low maintenance

SYSTEM INFORMATION

System Structure

Sika® ComfortFloor® PS-25 ~ 90 - 120 mils (2.25 - 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 W NA + Sikafloor®- Decorative Flakes	5 - 8
4. Top Coat	Sikafloor®-304 W NA	5 - 8
Options		
Primers	Sikafloor®-165 FS	8 - 10
	Sikafloor®-1620	12 - 15
Optional 2nd Top 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 NA top coat.

Nominal thickness

90 - 120 mils (2.25 - 3.0 mm)

Minimum thickness

90 mils (2.25 mm)

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 73°F (23°C) and 50% R.H
Indentation	0.002 in (800 lb load)	ASTM F970 73°F (23°C) and 50% R.H
Tensile Strength	1,142 psi.(~ 8.0 N/mm²)	ASTM D412 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 73°F(23°C) and 50% R.H
Crack Bridging Ability	Passed	ASTM C1305 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	
Color	Δ E 0.3 (7 days at 158°F/70°C) Very good	ASTM F1514
Gloss level	5-15 (60°)	ASTM D-523 73°F (23°C) and 50% R.H

Footfall Sound Reduction — ASTM E 492-09/ASTM E 989-06

Flooring Type	Solid concrete Slab Thickness	IIC Rating of concrete slab alone	IIC Rating of ComfortFloor system on slab
ComfortFloor Decorative Pro	8"	30	53
ComfortFloor Pro	8"	30	52
ComfortFloor Decorative	8"	30	40
ComfortFloor	8"	30	37
ComfortFloor Decorative	6"	26	36
ComfortFloor	6"	26	33

*All testing was done direct to concrete slab with no ceiling or other additional insulating structures

Coefficient of Friction	0.6	ANSI 326.3 73°F (23°C) and 50% R.H
Compressive Strength	>0.45 W/cm² (Class 1)	ASTM E648

APPLICATION INFORMATION

Coverage	**Description**	**Products**	**Approximates Sq.Ft./kit**
	1. Primer	Sikafloor®-161	900@8 mils
	2. Body Coat	Sikafloor®-330	144@80 mils
		Sikafloor®-Epoxy N Color Add	2 quart per 7.22 gallon kit
	3. Receiver Coat	Sikafloor®-305 W NA	653@5 mils
		Sikafloor Decorative Flakes	2 lbs per 2.04 gallon kit
	4. Top Coat	Sikafloor®-304 W NA	595@5 mils
	Options		
	Primers	Sikafloor®-165 FS	1000@8 mils
		Sikafloor®-1620	428@15 mils
		Sikafloor®-2570	2667@3 mils
	2nd 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.

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**

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