

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

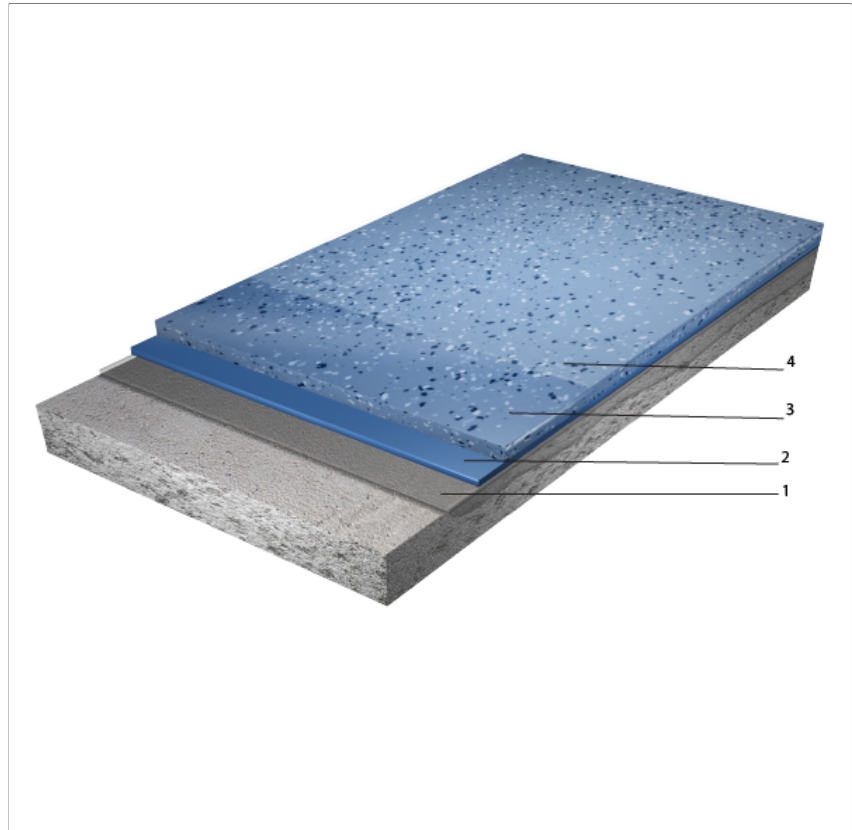
CHARACTERISTICS / ADVANTAGES

- 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 |
| Optional 2 nd 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- 305W NA top coat.

Nominal thickness 80 - 120 mils (2.0 - 3.0 mm)

Minimum thickness 80 mils (2.0 mm).

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 D4226 73°F (23°C) and 50% R.H |
| Indentation | 0.002 in (800 lb load) | ASTM F970 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 |
| 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 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 F1514 73°F (23°C) and 50% R.H |
| Reaction to Fire | Very good | |
| 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 D-523 73°F (23°C) and 50% R.H |
| 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.

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

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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System Data Sheet

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