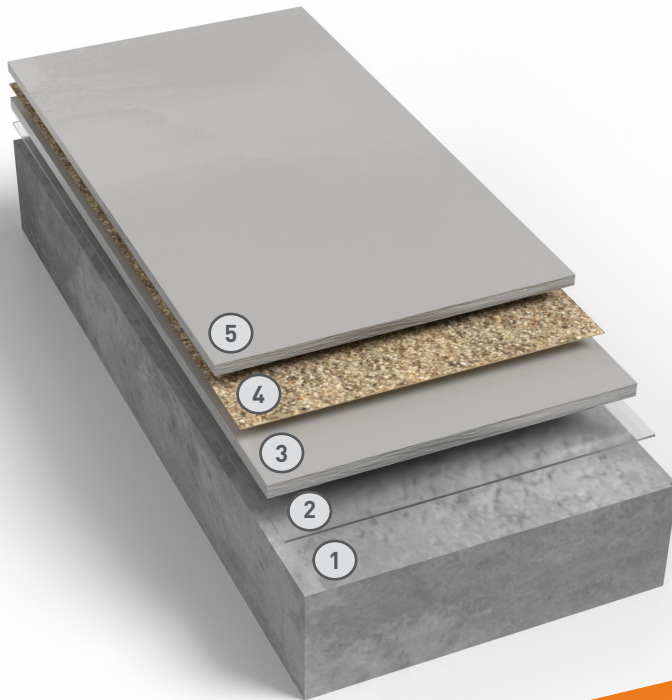


Steri-Flor® Anti-Slip

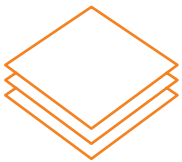
SYSTEM INFORMATION SHEET



23 to 28 mils (575 to 700 microns)

SYSTEM STEPS

- ① Concrete substrate
- ② Steri-Prime
- ③ Steri-Flor® GP
- ④ Broadcast sand
- ⑤ Steri-Flor GP



OPTIONAL AGENTS

Steri-Flor Anti-Slip includes optional anti-microbial agents to meet unique flooring needs of most industrial environments.



CHEMICAL RESISTANCE

The Steri-Flor Anti-Slip system has a good chemical resistance and flexible water-proofing membrane system.



LOW-EMITTING

Steri-Flor Anti-Slip is formulated with low VOC content, promoting human and environmental health and helping to earn LEED 4.1 credits.

Steri-Flor AS

SYSTEM INFORMATION SHEET



PERFORMANCE DATA	TEST METHOD	RESULTS
	Compressive Strength (ASTM C579)	12,000 psi (82.7 MPa)
	Compressive Strength (ASTM D695)	21,000 psi (144.8 MPa)
	Flexural Strength (ASTM C580)	11,500 psi (79 MPa)
	Shore D Hardness (ASTM D2240)	85-90
	Taber Abrasion* (ASTM D4060)	32 mg loss
	Tensile Bond Strength (ASTM D7234)	Cohesive failure of concrete
	Tensile Strength (ASTM C307)	7,200 psi (49.6 MPa)
*1,000 gm CS-17 wheel at 1,000 cycles		

SYSTEM STEPS	PRODUCT	THICKNESS	THEORETICAL COVERAGE RATE	PACKAGING	APPLICATION EQUIPMENT	RECOAT / DRY TIME
Primer	Steri-Prime	3-4 mils (75-100 microns)	340-450 ft ² /gal (8.3-11 m ² /l)	Part A Part B	Flat Squeegee / Short Nap Roller	6 hours (min) 5 days (max)
Use a short-nap mohair roller cover with solvent-resistant core. For best results, condition roller before application to minimize lint or loose fibers. A high-quality solvent resistant brush may be used for hard-to-reach areas. Prime all surfaces to be coated at 3-4 mils (75-100 microns). Do not allow the primer to puddle.						
Basecoat	Steri-Flor GP	10-12 mils (250-300 microns)	80-134 ft ² /gal (2-3.2 m ² /l)	Part A Part B	Notched Squeegee / Short Nap Roller	11 hours (min) 72 hours (max)
Mixed product should immediately be poured onto the floor in ribbons and spread to the desired thickness with a notched squeegee or trowel. After spreading the material to the proper thickness, roll with a short-nap roller and allow it to level.						
Broadcast	Broadcast Sand	N/A	Approx. 0.5 lb/ft ² (2.4 kg/m ²)	50 lb (23 kg) box	Hand Broadcast	N/A
Broadcast sand into wet material until rejection. After coating has reached walk on cure time remove excess sand and apply desired topcoat.						
Groutcoat	Steri-Flor GP	10-12 mils (250-300 microns)	80-134 ft ² /gal (2-3.2 m ² /l)	Part A Part B	Notched Squeegee / Short Nap Roller	11 hours (min) 72 hours (max)
Mixed product should immediately be poured onto the floor in ribbons and spread to the desired thickness with a notched squeegee or trowel. After spreading the material to the proper thickness, roll with a short-nap roller and allow it to level.						
*Recoat time at 75°F (24°C)						

OPTIONAL TOPCOATS					
PRODUCT	GENERIC TYPE	THICKNESS	THEORETICAL COVERAGE RATE	PACKAGING	APPLICATION EQUIPMENT
Sealer 35	High-Wear Aliphatic Polyurethane	3-4 mils (75-100 microns)	401-535 ft ² /gal (9.8-13 m ² /l)	Part A Part B Universal Pigment Pack Optional High-Wear Additive	Short Nap Roller
Sealer 200WB	Waterborne Aliphatic Urethane	3-4 mils (75-100 microns)	200-260 ft ² /gal (5-6.4 m ² /l)	Part A Part B	Short Nap Roller
Sealer 985	Polyaspartic	10-15 mils (250-375 microns)	102-52 ft ² /gal (2.5-3.7 m ² /l)	Part A Part B	Short Nap Roller

Steri-Flor AS

SYSTEM INFORMATION SHEET



INSTALL

This document is meant as a guideline for the installation of the system. Contact Carboline Technical service for further assistance prior to the installation of the system.

SURFACE PREPARATION

Concrete must be prepared mechanically to remove surface laitance. Oils, grease, or other surface contaminants must be removed prior to surface preparation. Concrete must be free of curing compounds and form release agents. Abrade the surface to achieve an ICRI CSP 3 surface profile. The prepared surface should have a nominal tensile strength of 250 psi (1.72 MPa) per ASTM D7234. Filled joints and cracks in the concrete may be coated, but if movement occurs the coating will crack with the movement of the concrete.

Concrete substrates must be checked for moisture prior to product application using the Plastic Sheet Test, ASTM D4263. If moisture is found to be present, contact Dudick for further recommendations.

MIXING

Specific mixing instructions for each product can be found on its corresponding Product Data Page.



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NOTE: The technical data presented in this document is accurate to the best of Dudick and Carboline's knowledge based on laboratory testing of the product(s) or system(s) described. Actual results in the field may vary depending on field conditions and application methods. The performance characteristics stated do not constitute a guarantee or warranty that the products will meet the stated results under all circumstances. Contact Dudick or Carboline technical staff with questions.

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