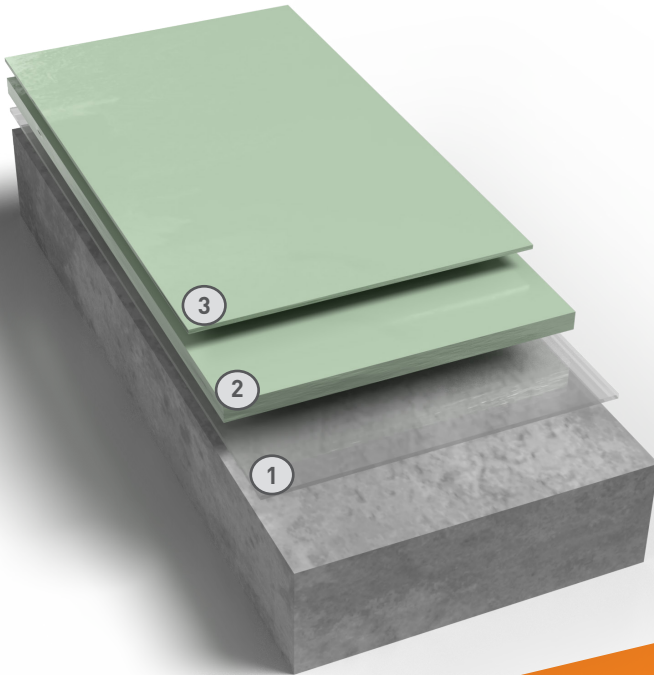


Steri-Flor® Solid Color

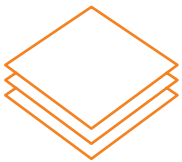
SYSTEM INFORMATION SHEET



21 to 28 mils (525 to 700 microns)

SYSTEM STEPS

- ① Steri-Prime
- ② Steri-Flor® UV pigmented
- ③ Sealer 35 (optional)



OPTIONAL AGENTS

Steri-Flor Solid Color includes high stain resistance and superior wear resistance to meet unique flooring needs of most industrial environments.



CHEMICAL RESISTANCE

The Steri-Flor Solid Color system has a high chemical resistance and exceptional UV stability.



LOW-EMITTING

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

Steri-Flor Solid Color

SYSTEM INFORMATION SHEET



PERFORMANCE DATA	TEST METHOD	RESULTS
	Adhesion (ASTM D7294)	>300 psi (55 MPa)
	Compressive Strength (ASTM (C579)	11,000 psi (75.8 MPa)
	Elongation (ASTM D638)	5.5%
	Flexural Strength (ASTM C307)	8,000 psi (55 MPa)
	Shore D Hardness (ASTM D2240)	75-80
	Tensile Strength (ASTM D638)	8,500 psi (58.6 MPa)
	Water Absorption (ASTM D670-63)	0.10% maximum
*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 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 primer to puddle.						
Bodycoat	Steri-Flor UV with Universal Color Pack	15-20 mils (254-500 microns)	80-107 ft ² /gal (2-2.6 m ² /l)	Part A Part B Universal Color Pack	Squeegee / Short Nap Roller	8 hours (min) 24 hours (max)
The mixed product should be immediately poured directly onto the floor in ribbons and spread to desired thickness with a serrated squeegee or notched trowel. After spreading the material to the proper thickness, roll with a short nap roller to level.						
Optional Sealer	Sealer 35	3-4 mils (75-100 microns)	360-480 ft ² /gal (9-12 m ² /l)	Part A Part B	Short Nap Roller	8 hours (min)
The mixed product should be dipped and rolled. Rolling with a short-nap, shed-resistant roller is recommended. Brush application should only be employed for cut in, small areas, touch ups, and repairs. When using High Wear Filler stir frequently to keep it in suspension. The surface must be abraded before recoating with itself or any other product.						
*Recoat time at 75°F (24°C)						

Steri-Flor Solid Color

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 D-4263. 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.