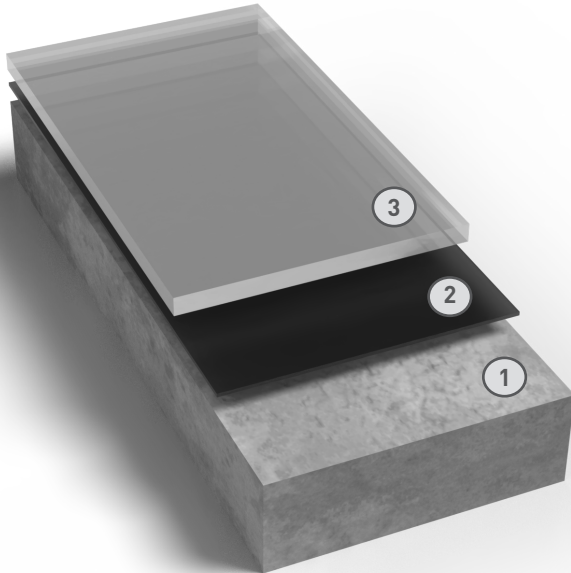


Steri-Flor[®] C

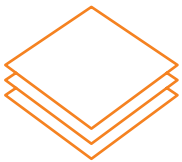
SYSTEM INFORMATION SHEET



30 to 35 mils (750 to 875 microns)

SYSTEM STEPS

- ① Concrete substrate
- ② Primer 67C
- ③ Polymer Alloy 2000C



OPTIONAL AGENTS

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



CHEMICAL RESISTANCE

The Steri-Flor C system has excellent chemical resistance, as well as exceptional UV stability.



LOW-EMITTING

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

Steri-Flor C

SYSTEM INFORMATION SHEET



PERFORMANCE DATA	TEST METHOD	RESULTS
	Compressive Strength (ASTM C579)	6,000 psi (41 MPa)
	Flame Spread (ASTM D635)	<5 mm
	Flexural Strength (ASTM C580)	1,800 psi (12 MPa)
	Resistivity (ASTM F150M NFPA #99)	2.5x10 ⁴ -1.0x10 ⁴ ohms
	Shore D Hardness (ASTM D2240)	65-70
	Taber Abrasion* (ASTM D4060)	69 mg loss
	Tensile Elongation	15-20%
	Tensile Bond Strength (ASTM D7234)	Cohesive failure of concrete
	Tensile Strength (ASTM C307)	2,200 psi (15 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	Primer 67C	3-4 mils (75-100 microns)	337-449 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.						
Bodycoat	Polymer Alloy 2000C	20 mils (500 microns)	150 ft ² /gal (3.7 m ² /l)	Part A Part B	Notched Squeegee / Short Nap Roller	10 hours (min) 24 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]						

Steri-Flor C

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.



Dudick is part of Carboline
1818 Miller Parkway
Streetsboro, Ohio 44241
1-800-322-1970

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.