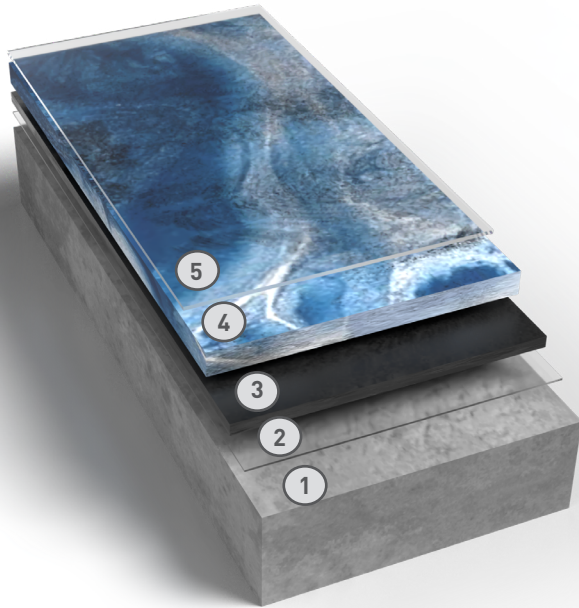


Steri-Flor® Pearlescent

SYSTEM INFORMATION SHEET



34 to 48 mils (850 to 1,200 microns)

SYSTEM STEPS

- ① Concrete substrate
- ② Steri-Prime WB
- ③ Steri-Flor® UV with color pack
- ④ Steri-Flor UV with Pearlescent Pigment
- ⑤ Sealer 35 clear



DECORATIVE

The Steri-Flor Metallic system can be customized to meet any number of color schemes utilizing dry pearlescent pigments.



UV-TOLERANT

The Steri-Flor Metallic system is broadly UV-tolerant.



LOW-EMITTING

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

Steri-Flor Pearlescent

SYSTEM INFORMATION SHEET



PERFORMANCE DATA	TEST METHOD	RESULTS
	Adhesion (ASTM D7294)	>300 psi (2 MPa)
	Compressive Strength (ASTM D695)	11,000 psi (75.8 MPa)
	Elongation (ASTM D638)	5.5%
	Flexural Strength (ASTM D790)	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 WB	1-2 mils (25-50 microns)	257-513 ft ² /gal (6.3-12.6 m ² /l)	Part A Part B	Flat Squeegee / Short Nap Roller	1 hour (min) 4 days (max)
Use a short-nap roller cover. For best results, condition roller before application to minimize lint or loose fibers. A brush may be used for hard to reach areas. Prime all surfaces to be coated at 1-2 mils (25-50 microns). Do not allow primer to puddle.						
Basecoat	Steri-Flor UV with Universal Color Pack	10-12 mils (250-300 microns)	120-160 ft ² /gal (3-4 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.						
Groutcoat	Steri-Flor UV with Pearlescent Pigment	20-30 mils (500-750 microns)	53-80 ft ² /gal (1.3-2 m ² /l)	Part A Part B Pearlescent Pigment	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.						
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 @ 75°F [24°C]

Steri-Flor Pearlescent

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

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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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