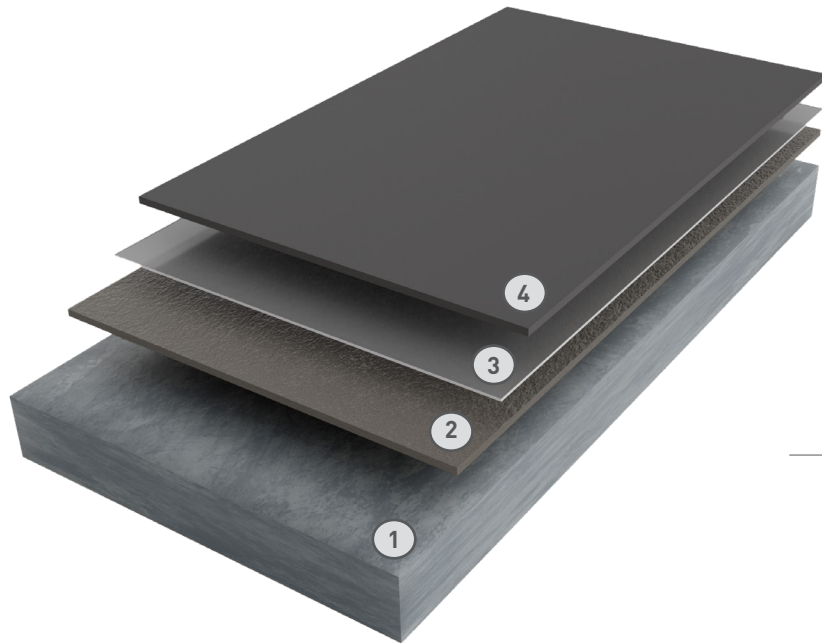


Steri-Flor[®] Hangar

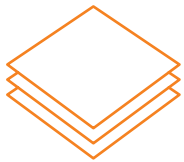
SYSTEM INFORMATION SHEET



1/16" - 3/16 inches (3-5 mm)

SYSTEM STEPS

- ① Concrete Substrate
- ② Vapor Stop
- ③ Scratch Coat 300
- ④ Polymer Alloy 2000



SUPERIOR LEVELING

Superior leveling and high-build characteristics create very flat floors ideal for sensitive, precision aviation maintenance operations.



CHEMICAL RESISTANCE

The Steri-Flor Hangar system is broadly chemical resistant and withstands exposure to various fuels, fluids, lubricants, and cleaning agents.



LOW-EMITTING

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

Steri-Flor Hangar

SYSTEM INFORMATION SHEET



PERFORMANCE DATA	TEST METHOD	RESULTS
	Compressive Strength (ASTM C579)	12,000-21,000 psi
	Flame Spread (ASTM D635)	<5 mm
	Flexural Strength (ASTM C580)	11,500 psi
	Shore D Hardness (ASTM D2240)	80-90
	Taber Abrasion* (ASTM D4060)	33 mg loss
	Tensile Bond Strength (ASTM D7234)	Cohesive failure of concrete
	Tensile Strength (ASTM C307)	5,000 psi
	Tensile Strength (ASTM D638)	7,000 psi
	Water Absorption (ASTM C4131)	0.0324%
*1,000 gm CS-17 wheel at 1,000 cycles		

SYSTEM STEPS	PRODUCT	THICKNESS	THEORETICAL COVERAGE RATE	PACKAGING	APPLICATION EQUIPMENT	RECOAT TIME
Slurry	Vapor Stop	40-60 mils (1,000-1,500 microns)	50-70 ft ² at 60 mils (1,500 microns)	Part A Part B Aggregate	Gauge, Pin, or Cam Rake / Loop Roller	3 hours with itself 24 hours with other products
The mixed product should be poured out evenly over the floor and then applied to the desired thickness with a pin or cam rake, a trowel is then used to remove the traces of the rake or joins between mixes. Loop-roll the material to aid leveling, air re-lease, and to bring resinous material to the surface to accept broadcast media.						
Intermediate	Scratch Coat 300	5-125 mils (125-3,125 microns)	13-320 ft ² *	Part A Part B	Finishing Trowel	8 hours at 75°F (24°C)
The compound should be spread firmly, forcing the material into voids and pinholes. Use the trowel blade to scrape excess material from flat, void-free surfaces. *The thickness is dependent on the unevenness of the surface.						
Topcoat	Polymer Alloy 2000	20-30 mils (500-750 microns)	53-80 ft ² /gal (1.3-2 m ² /l)	Part A Part B	Notched Squeegee / Short Nap Roller	16 hours at 75°F (24°C)
The mixed product should be immediately poured directly onto the floor in ribbons and spread to desired thickness with a serrated squeegee, notched trowel or gauge rake. After spreading the material to the proper thickness, roll with a short nap roller to level.						

Steri-Flor Hangar

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 contaminant must be removed prior to surface preparation. Concrete must be free of curing compounds and form release agents. Surface texture should be similar to 40-60 grit sandpaper or the visual standard, CSP-3 from the International Concrete Repair Institute with pea gravel exposed. Additional surface preparation will be required if 40-60 grit texture with exposed pea gravel is not achieved and the surface laitance not completely removed with the first mechanical preparation procedure. The prepared surface shall have a tensile strength of 250 psi per ASTM D7234.

All concrete substrates must be checked for moisture and pass the ASTM D4263 Plastic Sheet Test prior to product application.

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.