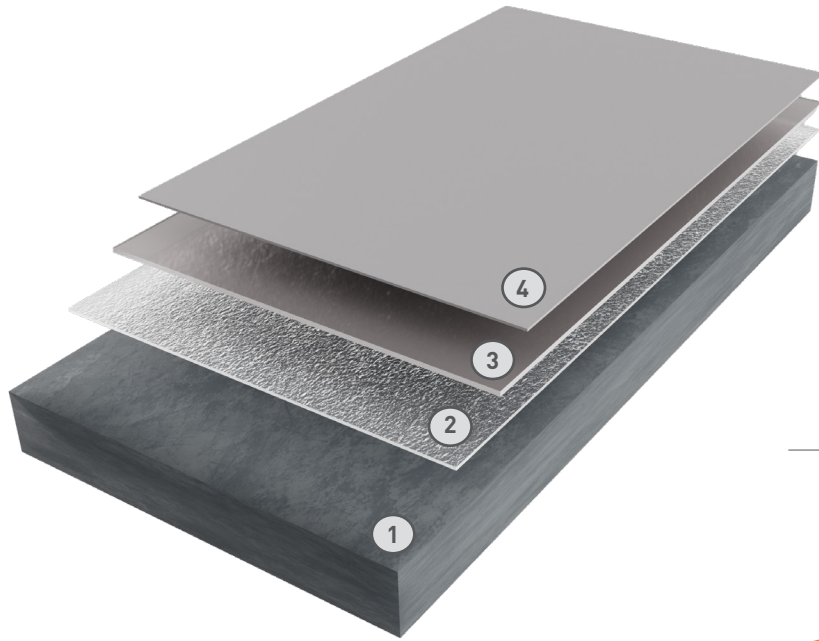


Steri-Flor® High Traffic System

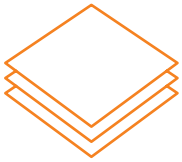
SYSTEM INFORMATION SHEET



16 to 28 mils (400 to 700 microns)

SYSTEM STEPS

- ① Concrete Substrate
- ② Steri-Prime®
- ③ Steri-Flor GP
- ④ Sealer 35 pigmented and with high-wear filler



HIGH-WEAR RESISTANCE

Steri-Flor HTS offers superior wear and abrasion resistance commonly experienced in spaces ranging from office spaces to EV battery production.



DECORATIVE SYSTEM

The Steri-Flor HTS system can be customized to meet any number of color schemes.



CHEMICAL RESISTANCE

The Steri-Flor HTS system has moderate chemical resistance to many common industrial chemicals, but has exceptional resistance to NMP and Betadine.

Steri-Flor HTS

SYSTEM INFORMATION SHEET



PERFORMANCE DATA	TEST METHOD	RESULTS
	Gloss at 60°	60-80
	Hardness (ASTM D3363)	10-20 mg
	Taber Abrasion* (ASTM D4060)	2h to 3h
	*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 primer to puddle.						
Bodycoat	Steri-Flor GP	10-20 mils (250-500 microns)	80-160 ft ² /gal (2-4 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.						
Sealer	Sealer 35 with Universal Color Pack and High-Wear Filler	3-4 mils (75-100 microns)	360-480 ft ² /gal (9-12 m ² /l)	Part A Part B High Wear Filler (2-4 lbs/gal) Optional Universal Color Pack	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.						

Steri-Flor HTS

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.

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