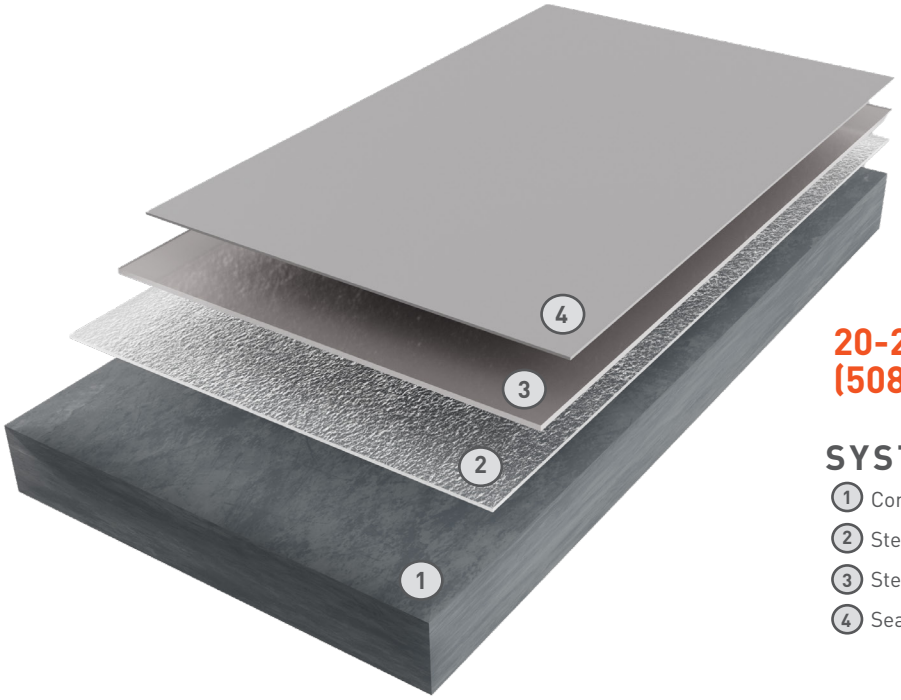
Dudick
A Division of Carboline

Steri-Flor High Traffic System

CUSTOM SYSTEM INFORMATION SHEET



20-25 mils
(508-635 microns)

SYSTEM LAYERS

1. Concrete Substrate
2. Steri-Prime
3. Steri-Flor GP
4. Sealer 35

FEATURES:

- Superior wear resistance
- Excellent chemical resistance
- Withstands NMP and other aggressive chemicals
- Moisture-tolerant up to 5 lbs
- High stain resistance
- Exceptional UV resistance

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SYSTEM STEPS	PRODUCT	THICKNESS	THEORETICAL COVERAGE RATE	COMPONENETS	APPLICATION EQUIPMENT	RECOAT / DRY TIME
Primer	Steri-Prime	3-4 mils (76-102 microns)	340-450 ft² (8-11 m²)	Steri-Prime Part A Steri-Prime Part B 1:1 mix ratio	Flat blade squeegee 3/8" roller	6-8 hours
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.						
Body Coat	Steri-Flor GP	10-20 mils (254-508 microns)	80-160 ft²/gal (2-4 m²)	Steri-Flor GP Part A Steri-Flor GP Part B 2:1 mix ratio	18-20 mil notched squeegee 3/8" roller	8-10 hours
Mixed product should immediately be poured onto the floor in ribbons and spread to the desired thickness with a notched squeegee, trowel, or gauge rake. After spreading the material to the proper thickness, roll with a short-nap roller and allow it to level.						
Sealer	Sealer 35	3-4 mils (76-102 microns)	360-480 ft²/gal (9-12 m²)	Sealer 35 Part A Sealer 35 Part B High Wear Filler (2-4 lbs/gal) 4:1:0.25 mix ratio + optional Universal Color Pack	3/8" roller	8-16 hours
The mixed product should be dip and rolled with frequent stirring to keep High Wear Filler in suspension. 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.						

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.

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 D-7234.

All concrete substrates must be checked for moisture and pass the ASTM D-4263 Plastic Sheet Test prior to product application.

MIXING

Specific mixing instructions for each product can be found on its corresponding Product Data Sheet.

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