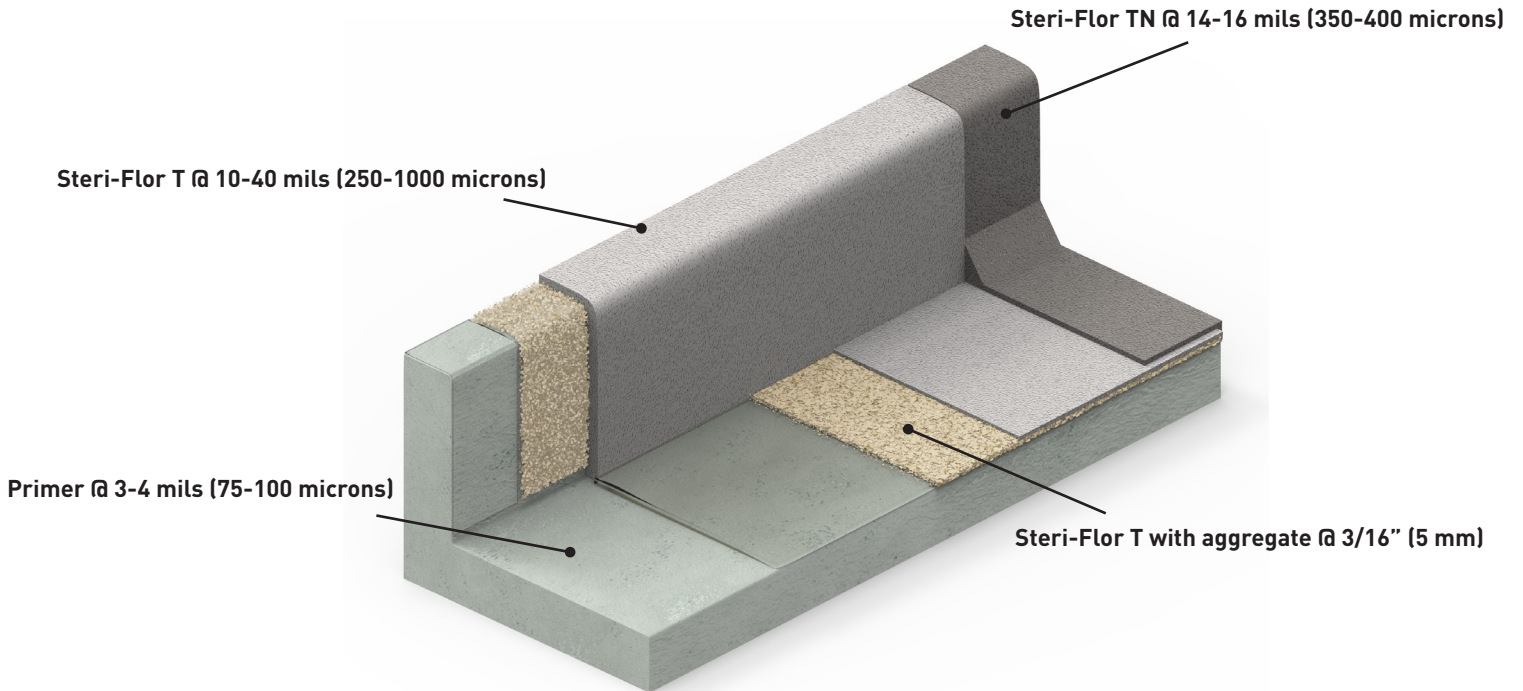


Steri-Flor[®] TN (3/16 to 1/4-inch / 5-6 mm)

SYSTEM INFORMATION SHEET



- » **Low emitting material**
- » **Low VOC**
- » **USDA Compliant**
- » **High Compressive Strength**
- » **Low Odor**
- » **Good UV Stability**
- » **Integral Cove Base and Curb (optional)**
- » **Anti-Microbial Agents are available as an option**

TEST METHOD	RESULTS
Compressive Strength (ASTM C579)	8,000-10,000 psi (48-62 MPa)
Tensile Strength (ASTM C307)	1,800-2,000 psi (12-14 MPa)
Flexural Strength (ASTM C580)	2,500-2,700 psi (17-19 MPa)
Flame Spread (ASTM D635)	<5 mm/self extinguishing
Tensile Bond Strength (ASTM D7234)	Cohesive failure of concrete

Note: Dudick flooring systems can be built to meet or exceed the requirements of Static or Dynamic Coefficient of Friction testing per installation to meet static coefficient of friction requirements for ANSI B101.1 of >0.6 and dynamic coefficient of friction (DCOF)* – Wet ANSI A326.3 of >0.42.

Steri-Flor[®] TN (3/16 to 1/4-inch / 5-6 mm)

SYSTEM INFORMATION SHEET

SYSTEM STEPS	PRODUCT	THICKNESS	THEORETICAL COVERAGE RATE	PACKAGING	APPLICATION EQUIPMENT	RECOAT TIME
Primer	Steri-Prime Series / Primer 67LV	3-4 mils (75-100 microns)	340-450 ft ² (32-42 m ²)	Part A Part B	Flat Squeegee or 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 T w/ aggregate	3/16" (5 mm)	100 ft ² (9.3 m ²) / 4 bag kit @ 3/16" (5 mm)	Part A Part B EA-1 Aggregate (x 4)	Finishing Trowels or Screed Box	11 hours (min) 72 hours (max)
Pour the mixed materials into a screed box, and then pull the box at an even speed over the surface. Finally smooth the surface with a steel or power trowel. The mortar should be applied at 3/16" (4.8 mm)						
Groutcoat	Steri-Flor T	10-40 mils (250-1000 microns)	40-160 ft ² /gallon (1-4 m ² /liter)	Part A Part B	Serrated Squeegee, Notched Trowel or Gauge Rake	11 hours (min) 72 hours (max)
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. While still wet, broadcast color quartz aggregate to rejection.						
Sealer	Steri-Flor TN Topcoat	14-16 mils (350-400 microns)	100 ft ² /gallon (2.5 m ² /liter)	Part A Part B	Serrated Squeegee	11 hours (min) 24 hours (max)

INSTALL

This document is meant as a guideline for the installation of the Steri-Flor TN system. Contact Dudick 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 30-40 grit sandpaper or the visual standard, CSP-5 from the International Concrete Repair Institute. The prepared surface should have a minimum tensile strength of 250 PSI per ASTM D7234.

All concrete substrates must be checked for moisture prior to primer application using the Plastic Sheet Test per ASTM D4263.

Additional surface preparation will be required if a 30-40 grit texture is not achieved and the surface laitance not completely removed with the first mechanical preparation procedure.

Mechanical preparation removes laitance, exposing honeycombs or voids beneath the surface, which can be filled with Scratch Coat 300. (Refer to separate product bulletin)

MIXING

All mixing should follow the mixing instructions on the specific Dudick Product Data pages.

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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.