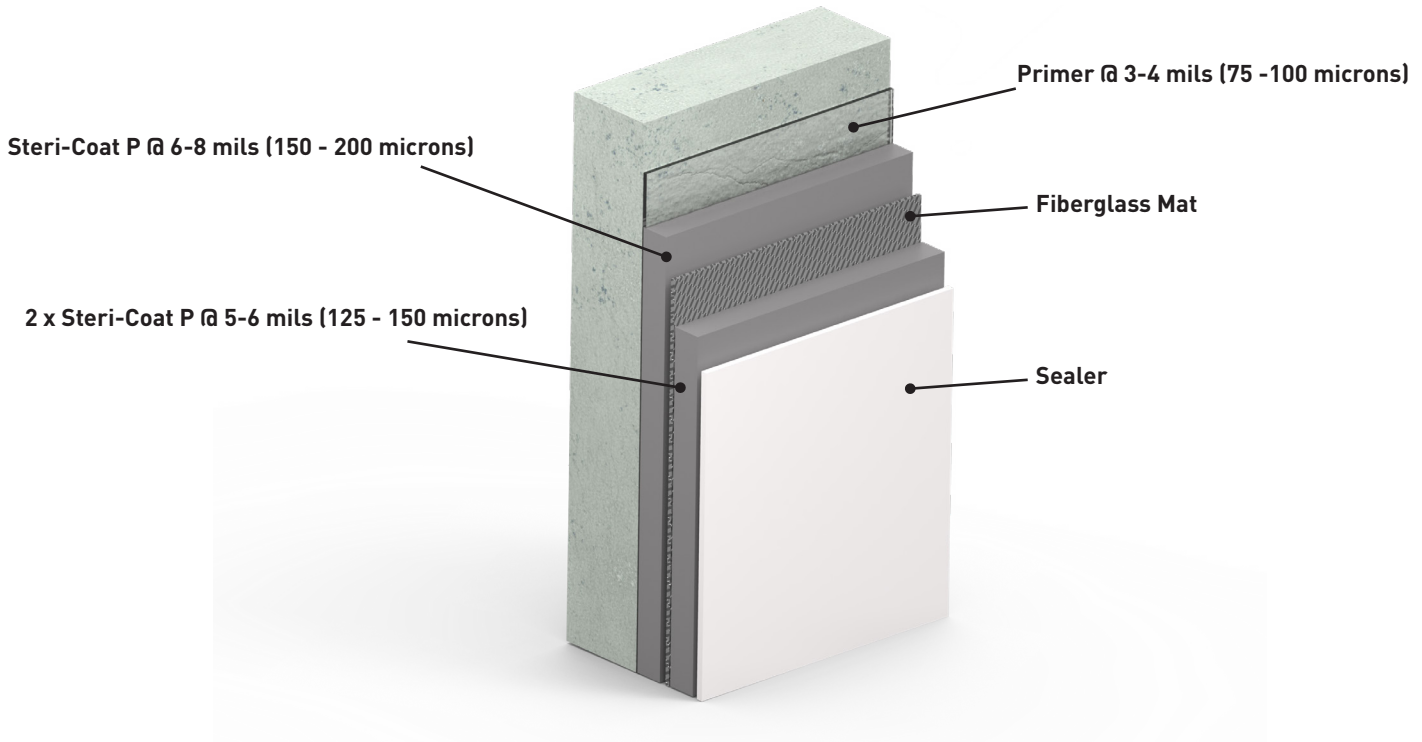


# Steri-Glass

(25-35 mils / 625-875 microns)

## SYSTEM INFORMATION SHEET



- » **Low VOC**
- » **No Static Cling**
- » **Good Chemical & Abrasion Resistance**
- » **Easily Cleaned and Decontaminated**
- » **USDA & FDA Compliant**
- » **Anti-Microbial Agents are available as an option**

TEST METHOD	RESULTS
Flame Spread (ASTM D635)	<5 mm/self-extinguishing
Fungus Resistance (U.S. Mil Std, 810E)	No Growth
Specular Gloss Factor (ASTM D523)	85-90
Taber Abrasion* (ASTM D4060)	92 mg
Tensile Bond Strength (ASTM C7234)	Cohesive Failure of Concrete
Impact Resistance Gardner Impact Tester	>160 in lb.

\* 1,000 gm CS-17 wheel @ 1,000 cycles

**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.

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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 <sup>2</sup> (32-42 m <sup>2</sup> )	Part A Part B	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-Coat P	6-8 mils (150 - 200 microns)	150-200 ft <sup>2</sup> (14-18.6 m <sup>2</sup> )	Part A Part B	Airless Spray Short Nap Roller	10-12 hours (min) 72 hours (max)
Using a short nap roller, apply evenly to a 6-8 mils (150-200 microns) DFT. The first bodycoat may be applied over the primer that is "tacky". A solvent resistant brush may be used for hard to reach areas. Contact a Dudick representative for recommendations for spray applications						
Reinforcement	Fiberglass Mat	1 oz	100 ft <sup>2</sup> (9.3 m <sup>2</sup> ) rolls 500 ft <sup>2</sup> (46.5 m <sup>2</sup> ) rolls 1000 ft <sup>2</sup> (93 m <sup>2</sup> ) rolls		Hand Applied Short Nap Roller	N/A
Press fiberglass cloth into wet basecoat material utilizing "wallpaper hanging techniques". Using a paint roller lightly saturated with Steri-Glass catalyzed liquid, press firmly with roller to allow resin to "wick" through fiberglass cloth. Remove air pockets and wrinkles.						
1st Topcoat	Steri-Coat P	5-6 mils (125 - 150 microns)	200-250 ft <sup>2</sup> (18.6 -23 m <sup>2</sup> )	Part A Part B	Airless Spray Short Nap Roller	10-12 hours (min) 72 hours (max)
After the bodycoat and may have cured tack free, approximately 10-12 hours at 75°F (24°C), apply a topcoat of Steri-Coat P evenly at 6-8 mils (150-200 microns) using a short nap roller. A solvent resistant brush may be used for hard to reach areas. Contact a Dudick representative for recommendations for spray applications.						
2nd Topcoat	Steri-Coat P	5-6 mils (125 - 150 microns)	200-250 ft <sup>2</sup> (18.6 -23 m <sup>2</sup> )	Part A Part B	Airless Spray Short Nap Roller	10-12 hours (min) 72 hours (max)
After the first topcoat has cured tack free, approximately 10-12 hours at 75°F (24°C), apply a second topcoat of Steri-Coat P evenly at 6-8 mils (150-200 microns) using a short nap roller. A solvent resistant brush may be used for hard to reach areas. Contact a Dudick representative for recommendations for spray applications.						
Sealer	Sealer 200, Sealer 50 or Sealer 200WB	See specific Product Data Sheets for product and application details.		Part A Part B	Short Nap Roller	Consult Sealer PDS

\*at 75°F (24°C)

## INSTALL

This document is meant as a guideline for the installation of the Steri-Glass. Contact Dudick for further assistance prior to the installation of a Steri-Glass system.

## SURFACE PREPARATION

**Concrete:** Concrete must be prepared mechanically to remove the 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 80-100 grit sandpaper or the visual standard, CSP-1 from the International Concrete Repair Institute. The prepared surface should have a nominal tensile strength of 200 PSI per ASTM D7234.

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

Additional surface preparation will be required if a 80-100 grit texture is not achieved and the surface laitance not completely removed with the first mechanical preparation procedure. Abrasive blasting removes laitance, exposing honeycombs or voids beneath the surface which must be filled with Scratch Coat 300 (Refer to separate product bulletin), or other approved Dudick materials.

**CMU:** All new concrete block must be properly cured before application of the primer. The concrete block must be prepared mechanically to remove the surface laitance. The substrate must be checked for moisture prior to product application using Plastic Sheet Test, ASTM D4263.

Patch all voids with Scratch Coat 300 (Refer to separate product bulletin), or other approved Dudick materials. Clean the surface to remove any dirt, dust efflorescence, grease, mildew, oil, wax or other contaminants.

# Steri-Glass (25-35 mils)

## SYSTEM INFORMATION SHEET

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**Cement Board:** All new cement board must be properly cured before application of the primer. Patch all voids with Scratch Coat 300 (Refer to separate product bulletin), or other approved Dudick materials. Clean the surface to remove any dirt, dust, grease, mildew, oil, wax, or other contaminants.

**Gypsum Board:** Allow new drywall finishes to dry before application of primer. Patch all voids with Scratch Coat 300 (Refer to separate product bulletin), or other approved Dudick materials. Clean the surface to remove any dirt, dust, grease, oil, wax, mildew and other contaminants.

### MIXING

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

#### 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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