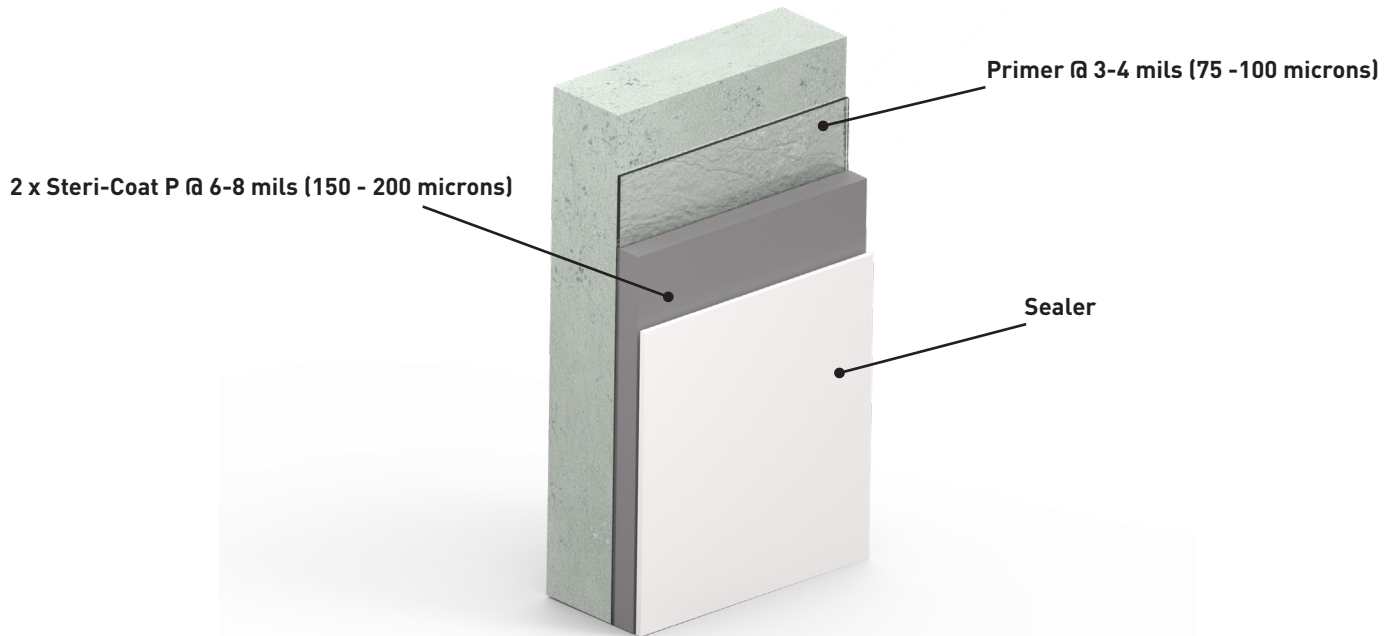


Steri-Coat P

(12-16 mils / 300-400 microns)

SYSTEM INFORMATION SHEET



- » **Contributes toward satisfying credit for low emitting material under LEED 4.1**
- » **Meets SCAQMD Rule 1113 for VOC content**
- » **Meets California Department of Public Health CDPH/EHLB Standard Method Version 1.2 2017**
- » **Good Chemical & Abrasion Resistance**
- » **Anti-Microbial Agents are available**
- » **USDA & FDA Compliant**

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
VOC (ASTM D3960)	<10 g/L

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

Steri-Coat P (12-16 mils / 300-400 microns)

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	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.						
1st Bodycoat	Steri-Coat P	6-8 mils (150-200 microns)	200-250 ft ² (18.6-23.2 m ²)	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.						
2nd Bodycoat	Steri-Coat P	6-8 mils (150-200 microns)	200-250 ft ² (18.6-23.2 m ²)	Part A Part B	Airless Spray Short Nap Roller	10-12 hours (min) 72 hours (max)
After the first coat has cured tack free, approximately 10-12 hours at 75°F (24°C), apply a second bodycoat 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	Contact your Dudick representative for options.	See specific Product Data Sheet for product and application details.				

*at 75°F (24°C)

INSTALL

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

SURFACE PREPARATION

Steel: Metal surfaces must be abrasive blasted to an appropriate finish. Heavy non-immersion service (i.e. fumes and spillage): Near white, SSPC SP 10 or NACE #2, minimum 2.0 mil profile.

Atmospheric service: Commercial SSPC SP 6 or NACE #3, minimum 2.0 mil (50 microns) profile.

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 250 PSI per ASTM D-4541. All concrete substrates must be checked for moisture prior to product application using the Plastic Sheet Test, ASTM D-4263.

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. For new CMU, it is recommended to mechanically wire-brush all joints to remove loose mortar particulates. Patch all voids with Scratch-Coat 300, or other approved Dudick materials. Clean the surface to remove any dirt, dust efflorescence, 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, or other approved Dudick materials. Clean the surface to remove any dirt, dust, grease, oil, wax, mildew and other contaminants.

Plaster: Allow new plaster to properly cure before application of primer. Patch all voids with Scratch-Coat 300, or other approved Dudick materials. Clean the surface to remove any dirt, dust, oil, grease, mildew, oil, wax, or other contaminants.

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

Steri-Coat P (12-16 mils / 300-400 microns)

SYSTEM INFORMATION SHEET

MIXING

All mixing should follow the mixing instructions on the specific 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.