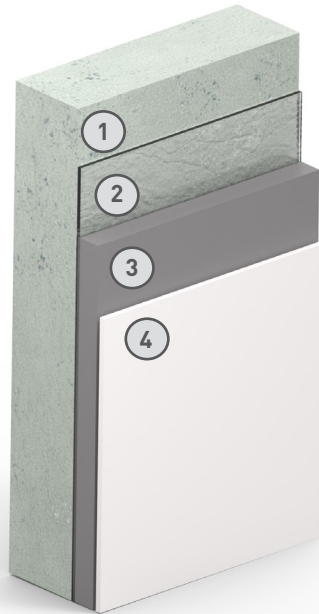


Steri-Coat P

SYSTEM INFORMATION SHEET



15 to 20 mils (375 to 500 microns)

SYSTEM STEPS

- ① Concrete substrate
- ② Steri-Prime
- ③ Steri-Coat P
- ④ Steri-Coat P



UV-TOLERANT

The Steri-Coat P system has excellent color and UV stability.



CHEMICAL RESISTANCE

The Steri-Coat P system is broadly chemical resistant and withstands exposure to various fuels, fluids, lubricants, and cleaning agents.



LOW-EMITTING

Steri-Coat P is formulated with very low VOC content, promoting human and environmental health and helping to earn LEED 4.1 credits.

Steri-Coat P

SYSTEM INFORMATION SHEET



PERFORMANCE DATA	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 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 /liter)	Part A Part B	Flat Squeegee / Short Nap Roller	6 hours (min) 5 days (max)
Use a short-nap 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)	200-250 ft ² (18.6-23.2 m ²)	Part A Part B	Airless Spray / Short Nap Roller	11 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 representative for recommendations for spray applications.						
Sealer	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	11 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 representative for recommendations for spray applications.						

*Recoat time at 75°F (24 C).

Steri-Coat P

SYSTEM INFORMATION SHEET



INSTALL

This document is meant as a guideline for the installation of the system. Contact Dudick for further assistance prior to the installation of the 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 mil profile.

Atmospheric service: Commercial SSPC SP 6 or NACE #3, minimum 2 mil (50 microns) profile.

Concrete: All 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 D4541. 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. 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.

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.

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