Benjamin Moore®

HP | HIGH PERFORMANCE

COMMAND®

Waterborne Acrylic Urethane Satin HP3920

General Description

HP Command® HP3900 is an extremely durable, single-component, multi-substrate solution to help you save time and tackle multiple jobs with confidence. This interior/exterior, UV-resistant acrylic urethane enamel provides superior adhesion and abrasion resistance on a variety of substrates, and is ideal for facility maintenance and property management applications where minimal maintenance disruptions and quick returns to service are required.

- Interior/Exterior
- Multi-substrate
- Tenacious adhesion
- Fast return to service
- Early block resistance
- Flexible

Usage

Galvanized and other non-ferrous metals, concrete, masonry, wood, fiberglass, in addition to properly prepared ferrous metals, drywall and plaster. HP COMMAND® is designed for use on handrails, shelving, doors, floors, stairs, ramps, safety markers, curbs, cabinets, awnings, shutters, molding, piping, and more.

Colours	White (01), Bronzetone (62), Black (80)
Bases	7X, 8X, 9X
Colorant System	Gennex®

Technical Data

Vehicle		Acrylic Urethane
Pigment		Titanium Dioxide
Volume Solids		41 ± 2%
Spread Rate Per 3.79 L		32.5 – 41.8 sq. m. (350 – 450 sq. ft.)
Recommended Film Thickness	Wet:	3.6 – 4.6 mils
	Dry:	1.5 – 1.9 mils

Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.

Dry Time @ 25 °C (77 °F) @ 50% RH	To Touch:	15 minutes
	To Recoat:	2 hours
	To Service:	24 hours

High humidity and cool temperatures will result in longer dry, recoat and service times.

Surface Temperature During Application	Min:	10 °C (50 °F)
	Max:	37.7 °C (100 °F)
Viscosity		87 ± 4 KU
Flash Point		> 93 ° C / 200 °F (TT-P-141, Method 4293)
Sheen / Gloss		20 – 30 @ 60°
Clean Up		Warm, soapy water
Thinner		Water
Weight Per 3.79 L		4.7 kg (10.5 lbs.)
Storage Temperature	Min:	7.2 °C (45 °F)
	Max:	35 °C (95 °F)
VOC		< 50 g/L

Surface Preparation

Prior to painting any surface, area must be clean, dry and free of all grease, dirt, dust, oil and wax. Clean all surfaces using HP6000 Oil & Grease Emulsifier. Remove all remaining loose paint, rust and mill scale via Hand Tool Cleaning (SSPC-SP 2) or Power Tool cleaning (SSPC-SP 3). Fill holes and cracks and sand smooth. Glossy surfaces must be fully deglossed. Moderate to heavily rusted areas must be thoroughly prepared and active rust should be properly removed.

Primer Systems

Ferrous Metal: New metal surfaces should be primed with HP1100 Acrylic Metal Primer.

Galvanized, Aluminum and Non-Ferrous Metals: Clean oil from new galvanized metal by cleaning with HP6000 Oil & Grease Emulsifier. Prime new or un-rusted metal with HP1100 Acrylic Metal Primer, HP1750 Waterborne Bonding Primer or apply 1-2 coats of COMMAND® direct.

Wood: Sand surfaces. Prime bare spots and new wood with an acrylic primer/sealer/undercoater or apply 1-2 coats of COMMAND® direct.

Drywall and Cured Plaster: Sand surfaces. Prime with an acrylic primer/sealer/undercoater.

Concrete/Masonry: All masonry surfaces must be allowed to cure a minimum of 30 days before painting. Acid etch or abrasive blast all slick, glazed concrete or concrete with laitance. For acid etching, follow all manufacturer's directions and safety instructions. Smooth surfaces should be coated with a masonry sealer followed by one or two coats of HP3900 as needed. Rough surfaces can be coated with a block filler to produce a smoother finish followed by one or two coats of finish as needed.

Glossy Surfaces/Alkyd Finishes: Glossy surfaces and/or existing alkyd finishes, must be deglossed to obtain a surface profile prior to coating. The preferred method is thoroughly sanding the surface area. Areas that cannot be properly deglossed should be primed with HP1750 Waterborne Bonding Primer prior to finish coating.

Compliance & Certifications

Eligible for LEED® v4	✓
CDPH Emissions Certified	✓
Eligible for CHPS low emitting credit (Collaborative for High Performance Schools)	✓
MPI	153, 161

Limitations

- Do not apply if material, substrate or ambient temperature is below 1.7 °C (35 °F). Relative humidity should be below 90%
- Not intended as a whole house exterior paint over wood
- Not for immersion service
- Not recommended for coating over Kynar® or similar finishes
- When applying over caulk, test a small area for compatibility

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

call 1-800-361-5898
visit www.benjaminmoore.ca

Application

Stir thoroughly before and during use. Apply one or two coats. For best results, use a premium nylon/polyester brush and premium roller. Apply paint generously from unpainted area into wet area. This product can also be sprayed.

Spray, Airless:
Pressure / 1,500 – 2,500 PSI
Tip / 0.013 – 0.017

Prior to spraying this product, it is recommended to conduct test samples on the same or a similar substrate before starting the project. Perform spray tests to verify proper atomization and film formation. Adjust the fluid pressure, type of tip or size, and reduce the material if needed.
Note: This information does not guarantee defect-free results.

NOTE: Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with warm water. No reduction is necessary. Do not apply if material, substrate or ambient temperature is below 1.7 °C / 35 °F. Relative humidity should be below 90%.

Clean Up

Wash brushes, rollers, and other painting tools with soap and water immediately after use.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.

Environmental Health & Safety Information

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html

KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING

Refer to Safety Data Sheet for additional health and safety information.

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