



General Description

HP3000 Quick Dry Acrylic Spray DTM is an extremely durable, UV-resistant, acrylic enamel that provides superior adhesion and maximum durability. Formulated for interior or exterior use on a variety of surfaces, including ferrous and non-ferrous metal, concrete, masonry, wood, and drywall. Quick-Dry Acrylic Spray DTM can also be used in dry-fall applications. Spray application preferred.

- Fast dry solution for OEM and factory applications
- For wood, metal, and masonry surfaces
- Hard scratch- and impact-resistant coating

Usage

HP3000 is for interior and exterior use on steel, galvanized steel, aluminum, masonry, concrete, wood, machinery, plaster, drywall, and properly prepared equipment and other fixtures.

Colors	Clear (00), White (01), Safety Yellow (10), Safety Red (20), Safety Blue (30), Light Gray (71), Battleship Gray (75), Black (80), Flat Black (81)
Bases	7X, 8X, 9X
Colorant System	Gennex®

Technical Data

Resin	Acrylic enamel
Pigment	Titanium Dioxide
Volume Solids (mixed)	40 ± 2%
Spread Rate Per Gallon	300 – 400 Sq. Ft.
Recommended Wet:	4.0 – 5.3 mils
Film Thickness Dry:	1.6 – 2.1 mils
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess material.	
Dry Time @ 77 °F To Touch:	15 minutes
(25 °C) @ 50% RH To Recoat:	2 hours
High humidity and cool temperatures will result in longer dry, recoat and service times.	
Surface Temperature Min:	50 °F
During Application Max:	100 °F
Viscosity	93 ± 4 KU
Flash Point	> 200 °F (TT-P-141, Method 4293) 85+ @ 60°
Sheen / Gloss	0 – 5 @ 60° (Flat Black)
Clean Up	Warm, soapy water
Thinner	Water
Weight Per Gallon (mixed)	10.4 lbs.
Storage Temperature Min:	45 °F
Max:	95 °F
VOC	99 g/L 0.83 lbs./gal

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.

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 contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Primer Systems

Ferrous Metal: Apply directly to properly prepared, ferrous metal surfaces. For additional rust protection, prime 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 or HP1750 Waterborne Bonding Primer.

Wood: Sand surfaces. Prime bare spots and new wood with an acrylic primer/sealer/undercoater.

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

Concrete/Masonry: All vertical 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. For rough surfaces, prime with a block filler to produce a smoother finish followed by one or two coats of HP3000 as needed.

Limitations

- Not recommended for immersion service
- Do not apply if material, substrate or ambient temperature is below 50 °F (10 °C)
- Not recommended for coating over Kynar® or similar finishes.

Compliance & Certifications

OTC	✓
OTC II	✓
CARB	✓
CARB07	✓
CARB19	✓
UTAH	✓
AZMC	✓
SCAQMD	✓

MPI 114

Suitable for use in USDA inspected facilities

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

call 1-866-708-9180
visit www.benjaminmoore.com

Application

Stir thoroughly before and during use. Apply one or two coats. For best results, apply by spray or use a premium nylon/polyester brush and premium short-nap roller. Apply paint generously from unpainted area into wet area.

Spray, Airless:

Pressure / 2,000 – 2,400 PSI

Tip / 0.015 – 0.019

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 50 °F (10 °C). 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.

CHEMICAL RESISTANCE GUIDE (NON-IMMERSION) *	
Fresh Water	Excellent
Salt Water	Good
Acids	Fair
Alkalis	Fair
Solvents	Not Recommended
Fuel	Not Recommended
Acidic Salt Solutions	Fair
Alkaline Salt Solutions	Fair
Neutral Salt Solutions	Good

TEST DATA	
Pencil Hardness	2B
Flexibility (ASTM D1737)	Pass 1/8" mandrel
Dry Heat Resistance	150 °F
Wet Heat Resistance	125 °F
Adhesion (ASTM D3359)	Pass 5B
Salt Fog Resistance (ASTM B117) 150 Hours (2 coats over HP1100)	Rust Breakthrough: 10 Rating Rust Area: 0.01%
Exterior Exposure – 45 degree/South Florida	100 mg Loss
Gloss Retention	80% or better

Environmental Health & Safety Information



WARNING Cancer and Reproductive Harm— www.P65Warnings.ca.gov
Refer to the product label & Safety Data Sheet for product specific information.

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.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under “Clean Up”.

**FOR PROFESSIONAL USE ONLY
PROTECT FROM FREEZING**

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