

### 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.

**Colours** White (01)  
**Colorant System** Gennex®

### Technical Data

<b>Vehicle</b>	Acrylic Enamel
<b>Pigment</b>	Titanium Dioxide
<b>Volume Solids</b>	40 ± 2%
<b>Spread Rate Per 3.79 L</b>	27.9 – 37.2 sq. m. (300 – 400 sq. ft.)
<b>Recommended</b>	Wet: 4.0 – 5.3 mils
<b>Film Thickness</b>	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 colour uniformity and minimize the disposal of excess paint.	
<b>Dry Time @ 25 °C (77 °F) @ 50% RH</b>	To Touch: 15 minutes To Recoat: 2 hours
High humidity and cool temperatures will result in longer dry, recoat and service times.	
<b>Surface Temperature</b>	Min: 10 °C (50 °F)
<b>During Application</b>	Max: 37.8 °C (100 °F)
<b>Viscosity</b>	93 ± 4 KU > 93 °C / 200 °F
<b>Flash Point</b>	(TT-P-141, Method 4293)
<b>Sheen / Gloss</b>	85+ @ 60°
<b>Clean Up</b>	Warm, soapy water
<b>Thinner</b>	Water
<b>Weight Per 3.79 L</b>	4.3 kg (10.4 lbs.)
<b>Storage Temperature</b>	Min: 7.2 °C (45 °F) Max: 35 °C (95 °F)
<b>VOC</b>	99 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.

**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>

### 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.

### Compliance & Certifications

MPI 114

This product has been approved by CFIA (Canadian Food Inspection Agency) for use in Food Processing Facilities.

### Limitations

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

### Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

call 1-800-361-5898  
 visit [www.benjaminmoore.ca](http://www.benjaminmoore.ca)

## 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

**Spray, Airless:**

Pressure / 2,000 – 2,500 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 10 °C / 50 °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.

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 3.175 mm (1/8") mandrel
Dry Heat Resistance	65.6 °C (150 °F)
Wet Heat Resistance	51.7 °C (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

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

**FOR PROFESSIONAL USE ONLY  
PROTECT FROM FREEZING**

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