



HP | HIGH PERFORMANCE

HP3300

DTM Acrylic Enamel

General Description

HP3300 Acrylic DTM Enamel is a high-performance, direct-to-metal acrylic finish formulated for application to a wide variety of metals and other substrates.

- Highly moisture resistant
Flash rust resistant
Can be applied to a wide variety of substrates

Usage

HP3300 is for interior and exterior use on steel, galvanized steel, aluminum, masonry, concrete, wood, machinery, plaster, drywall, and properly prepared equipment and other fixtures.

Table with 2 columns: Property (Colors, Bases, Colorant System) and Value (White (01), Safety Yellow (10), Safety Red (20), Bronzetone (62), Black (80), 7X, 8X, 9X, Gennex®)

Technical Data

Table with 2 columns: Property (Resin, Pigment, Volume Solids, Spread Rate, Recommended, Film Thickness, Dry Time, Surface Temperature, Viscosity, Flash Point, Sheen, Clean Up, Thinner, Weight, Storage Temperature, VOC) and Value (Acrylic enamel, Titanium Dioxide, 42 ± 2%, 300 - 400 Sq. Ft., 4.0 - 5.3 mils, 1.7 - 2.2 mils, 1 hour, 50 °F, 93 ± 4 KU, NA, 70 - 80 @ 60°, Warm, soapy water, Water, 9.8 lbs., 45 °F, 95 °F, 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.

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.

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.

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.

Limitations

- Not recommended for immersion service
Do not apply if material, substrate or ambient temperature is below 50 °F (10 °C)

Compliance & Certifications

Table with 2 columns: Certification (OTC, OTC II, CARB, CARB07, CARB19, UTAH, AZMC, SCAQMD) and Status (checkmarks)

Table with 2 columns: Certification (Eligible for LEED v4, CDPH Emissions Certified, Eligible for CHPS low emitting credit) and Status (checkmarks)

MPI 114, 154, 164

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

For best results, use a premium Benjamin Moore® custom-blended nylon/polyester brush, premium Benjamin Moore® roller, or a similar product. Apply paint generously from unpainted areas into wet area. This product can also be sprayed.

**Spray, Airless:**

Pressure / 1,500 – 2,500 PSI

Tip / 0.013 – 0.017

**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	
Flexibility (ASTM D1737)	Pass 1/8" mandrel
Dry Heat Resistance	200 °F
Wet Heat Resistance	150 °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%
Abrasion Resistance (ASTM D4060) CS-17 wheel, 1000 Cycles, 100 g Load	100 mg Loss
Accelerated Weathering (ASTM G53) 500 Hours	90% Gloss Retention < 0.25 DE Color Change

### Environmental Health & Safety Information

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)



**WARNING** Cancer and Reproductive Harm— [www.P65Warnings.ca.gov](http://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.**