



# ULTRA SPEC® HP

## D.T.M. ACRYLIC GLOSS ENAMEL FP28

### Features

- Direct to metal application
- Self-priming
- Excellent adhesion
- Improved gloss & color retention
- Fast dry and recoat times
- Corrosion resistant
- Easy application
- Gloss finish

### Recommended For

Ferrous or non-ferrous metal, Bilco® doors, railings, structural or support steel, wood, masonry surfaces, bar joists, equipment, roof vents, fencing, metal storage shed and general maintenance painting interior or exterior surfaces.

### General Description

This product is designed to perform a dual purpose as a direct to metal primer and finish. Both coats of the product provide rust inhibition for superior corrosion control. The acrylic formula provides excellent gloss and colour retention. The film is fast drying permitting fast recoat. This product is also an excellent finish for masonry, plaster, wallboard and interior wood surfaces.

### Limitations

- Do not apply when air and surface temperatures are below 10 °C (50 °F).
- Not for floor applications.
- Not for exposure to strong chemicals.

### Product Information

Colours — Standard:	Technical Data <sup>∅</sup>	Base 1
Safety White (08), Safety Yellow (15), Safety Red (21), Bronzestone (64) and Safety Black (82).	Vehicle Type	Acrylic
<b>— Tint Bases:</b> Benjamin Moore® Gennex® bases 1X, 2X, 3X & 4X	Pigment Type	Titanium Dioxide & Corrosion Inhibitors
<b>— Special Colours:</b> Contact your Benjamin Moore® Representative.	Volume Solids	46 %
<b>Certifications &amp; Qualifications:</b> VOC compliant in all regulated areas	Coverage per Gallon at Recommended Film Thickness	27.8 – 37.2 Sq. m (300 – 400 Sq. Ft.)
Qualifies for LEED® v4 Credit	Recommended Film Thickness	– Wet 4.0 – 5.4 mils – Dry 1.8 – 2.5 mils
Qualifies for CHPS low emitting credit (Collaborative for High Performance Schools)	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.	
CDPH v1 Emission Certified	Dry Time @ 25 °C (77 °F) @ 50 % RH	– To Touch 1 Hour – To Recoat 4 Hours
Master Painters Institute MPI # 114, 154, 164	Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.	
Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84	Dries By	Coalescence
<b>Customer Information Centre:</b> 1-800-361-5898, <a href="mailto:info@benjaminmoore.ca">info@benjaminmoore.ca</a> , <a href="http://www.benjaminmoore.ca">www.benjaminmoore.ca</a>	Dry Heat Resistance	121.1 °C (250 °F)
	Viscosity	77 ± 4 KU
	Flash Point	None
	Gloss / Sheen	Gloss (70 @ 60°)
	Surface Temperature at Application	– Min. 10 °C (50 °F) – Max 37.7 °C (100 °F)
	Thin With	Clean Water
	Clean Up Thinner	Clean Water
	Weight Per Gallon	4 kg (9.9 lbs)
	Storage Temperature	– Min. 4.4 °C (40 °F) – Max 32.2 °C (90 °F)
	<b>Volatile Organic Compounds (VOC)</b>	
	147.7 Grams/Litre	

<sup>∅</sup>Reported values are for Base 1

## Ultra Spec® HP D.T.M. Acrylic Gloss Enamel FP28

### Surface Preparation

Surfaces to be coated must be clean, dry, and free of oil, grease, dust, flaky rust, mill scale, loose paint, chalk, and other foreign matter than could interfere with adhesion. Glossy surfaces should be dulled by abrading the surface.

**Metal:** Remove loose rust and scale with a scraper, wire brush, or sandpaper. Remove oils from bare metal with an Oil & Grease Emulsifier Corotech® V600.

**Wood:** Spot-prime patched and spackled areas with this product or any recommended Benjamin Moore® primer before and after repairing. Protected exterior areas such as eaves, ceilings, and overhangs should be washed with detergent solution and rinsed with a strong stream of water from a garden hose to remove surface salts that can interfere with proper adhesion.

**Mildew:** Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (K318) prior to coating the surface. **Caution:** Refer to the (K318) Clean technical data and safety data sheets for instructions on its proper use and handling.

**Difficult Substrates:** Benjamin Moore® offers a number of specialty primers for use over difficult substrates such as bleeding woods, grease stains, crayon markings, hard glossy surfaces, galvanized metal, or other substrates where paint adhesion or stain suppression is a particular problem. Your Benjamin Moore® retailer can recommend the right problem solving primer for your special needs.

**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/Finish Systems

Ultra Spec® HP D.T.M. Acrylic Gloss Enamel (FP28) is self-priming on properly prepared ferrous and non-ferrous metal substrates. New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant colour change is desired. **Special Note:** Certain custom colours require a Deep Colour Base Primer tinted to a special prescription formula to achieve the desired colour. Consult your Benjamin Moore® retailer.

#### Ferrous Metal Surfaces (Iron & Steel):

**Finish:** 2 coats Ultra Spec® HP D.T.M. Acrylic Gloss Enamel (FP28)

#### Non-Ferrous Metal (Galvanized & Aluminum):

All new non-ferrous metal surfaces must be thoroughly cleaned with an Oil & Grease Emulsifier Corotech® V600 to remove contaminants.

**Finish:** 1 or 2 coats Ultra Spec® HP D.T.M. Acrylic Gloss Enamel (FP28)

#### Masonry, Smooth Poured or Precast Concrete:

**Primer:** Fresh Start® Multi-Purpose Latex Primer (F023)

**Finish:** 1 or 2 coats Ultra Spec® HP D.T.M. Acrylic Gloss Enamel (FP28)

#### Masonry, Rough or Pitted:

**Primer:** Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571)

**Finish:** 1 or 2 coats Ultra Spec® HP D.T.M. Acrylic Gloss Enamel (FP28)

#### Plaster and Wallboard:

All plaster surfaces must be thoroughly cured for at least 30 days. Drywall surfaces must be free of sanding dust.

**Primer:** Fresh Start® Multi-Purpose Latex Primer (F023)

**Finish:** 1 or 2 coats Ultra Spec® HP D.T.M. Acrylic Gloss Enamel (FP28)

#### Wood, and engineered wood products:

**Primer:** Fresh Start® Multi-Purpose Latex Primer (F023)

**Finish:** 1 or 2 coats Ultra Spec® HP D.T.M. Acrylic Gloss Enamel (FP28)

#### Bleeding Type Woods, (Redwood and Cedar):

**Primer:** Fresh Start® Multi-Purpose Oil Based Primer (F024) or 1-2 coats of Fresh Start® High-Hiding All Purpose Primer (K046) may be used

**Finish:** 1 or 2 coats Ultra Spec® HP D.T.M. Acrylic Gloss Enamel (FP28)

**Repaint, All Substrates:** Prime bare areas with the primer recommended for the substrate above.

### Application

**Mixing of Paint:** Stir thoroughly before and occasionally during use. For best application results, apply generously going from unpainted into painted areas. A one-coat application protects and preserves; two coats provides greater durability.

Apply with an all-purpose synthetic brush, short nap roller, or spray.

**Spray, Airless:** Fluid Pressure — 1,500 to 2,500 PSI;  
.013 - .017 Orifice

### Thinning/Clean Up

**Thinning:** Thinning is unnecessary, but if required to obtain desired application properties, a small amount of clean water may be added. Never add other paints or solvents. Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

**Clean Up:** Clean all equipment immediately after using with soap and water. Spray equipment should be given a final rinse with mineral spirits to prevent corrosion or follow state/local guidelines on solvent 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.

**KEEP OUT OF REACH OF CHILDREN  
PROTECT FROM FREEZING**

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