



ULTRA SPEC[®] HP

ACRYLIC METAL PRIMER

HP04

Features

- Water thinned
- Rust inhibitive
- Fast dry and fast full cure times
- Excellent adhesion
- Can be applied to galvanized metal

Recommended For

For commercial and residential and applications. Ferrous Metal, Galvanized Metal, Equipment, Metal buildings, Fences, Masonry and General maintenance painting substrates

General Description

This unique waterborne, acrylic primer minimizes flash rusting and protects steel from corrosion. Its rust-inhibitive formula is ideal for use on interior and exterior ferrous and galvanized metal. This primer can be applied to slightly damp surfaces and adheres well to most hard to coat substrates. It can also be used to prime masonry substrates.

Limitations

- Not for immersion service
- Not for exposure to strong chemicals
- Not for exposure to acids or alkali
- Not to be applied if relative humidity exceeds 90%

Product Information

Labor Saving Benefits	Technical Data [◇]	White
<ul style="list-style-type: none"> • This primer is water thinned eliminating the need for costly solvents. • Excellent rust inhibition for extended coating life. • Fast dry and fast cure times eliminate costly down time. • Excellent adhesion to hard-to-coat substrates such as zinc coated surfaces. 	Vehicle Type Pigment Type Volume Solids Coverage per Gallon at Recommended Film Thickness Recommended Film Thickness Thickness Dry Time @ 77°F (25°C) @ 50% RH High humidity and cool temperatures will result in longer dry, recoat and service times. Dries By Dry Heat Resistance Viscosity Flash Point Gloss / Sheen Surface Temperature at Application Thin With Clean Up Thinner Weight Per Gallon Storage Temperature – Min. – Max.	Acrylic Titanium Dioxide & Corrosion Inhibitors 43% 300 – 400 Sq. Ft. 4.0 – 5.5 mils 1.7 – 2.3 mils 30 Minutes 2 Hours 260°F 85 ± 3 KU None Matte (10% Max @ 60°) 50°F 95°F Clean Water Clean Water 10.9 lbs 40°F 90°F
Colors — Standard: White (01) (May be tinted with up to 2 fl. oz. of Benjamin Moore [®] Gennex [®] colorants per gallon)	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 paint.	
— Special Colors: Contact your Benjamin Moore representative	Dry Time @ 77°F (25°C) @ 50% RH – To Touch – To Recoat	30 Minutes 2 Hours
Certifications & Qualifications: VOC compliant in all regulated areas Qualifies for LEED [®] v4 Credit Qualifies for CHPS low emitting credit (Collaborative for High Performance Schools) CDPH v1 Emission Certified Master Painters Institute MPI # 107, 107 X-Green [™] , 134 Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84	Volatile Organic Compounds (VOC) 48 Grams/Liter .40 Lbs./Gallon	
Technical Assistance Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com		

[◇]Reported values are for White. Contact Benjamin Moore for values of other bases or colors.

Surface Preparation

Surfaces to be coated must be clean, dry, and free of oil, grease, dust, flaky rust, mill scale, loose paint, chalk, mildew, and other foreign matter that 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. Clean bare metal with an Oil & Grease Emulsifier or mineral spirits.

Mildew: If mildew is present, it must be removed by scrubbing with a commercial mildew wash. If mildew is widespread, the use of power wash equipment is suggested. **Caution:** Use rubber gloves, work goggles, and protective clothing when applying mildew wash. Follow manufacturer's directions.

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/Finish Systems

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 color change is desired. **Special Note:** Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

Ferrous Metal:

Primer: Ultra Spec® HP Acrylic Metal Primer (HP04)

Finish: Appropriate Benjamin Moore® Alkyd or Latex Finish Coat

Galvanized Metal: All new galvanized metal surfaces must be thoroughly cleaned with an Oil & Grease Emulsifier to remove contaminants.

Primer: Ultra Spec® HP Acrylic Metal Primer (HP04)

Finish: Appropriate Benjamin Moore® Alkyd or Latex Finish Coat

Masonry; Smooth Poured or Pre-cast Concrete:

Primer: Ultra Spec® HP Acrylic Metal Primer (HP04)

Finish: Appropriate Benjamin Moore® Alkyd or Latex Finish Coat

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. **Do not thin.**

Apply one or two coats. For best results, use a Benjamin Moore® Professional custom-blended nylon/polyester or china bristle brush, Benjamin Moore® Professional roller, or a similar product. This product can also be sprayed.

Spray, Airless: Fluid Pressure — 2,000 to 2,500 PSI;
Tip — .013 - .017 Orifice

Thinning/Clean Up

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.

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

WARNING!

Possible birth defect hazard. Contains, 2,2,4-trimethyl-1,3-pentanediol diisobutyrate, which may cause birth defects based on animal data.

Use only with adequate ventilation. Do not breathe vapors, spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

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

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

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