



ULTRA SPEC® HP ACRYLIC METAL PRIMER FP04

Features

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

Recommended For

- For commercial and residential 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 low odour 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

Labour Saving Benefits

- This primer is water thinned eliminating the need for costly solvents.
- Excellent rust inhibition for extended coating life.
- Low odour permits additional uses.
- Fast dry and fast cure times eliminate costly down time.
- Excellent adhesion to hard-to-coat substrates such as zinc coated surfaces.

Colours — Standard:

White (01)
(May be tinted with up to 60 ml of Benjamin Moore® Gennex® colorants per 3.79 L.)

— Special Colours:

Contact your Benjamin Moore representative

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

Customer Information Centre:

1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca

Technical Data[◇]

White

Vehicle Type	Acrylic	
Pigment Type	Titanium Dioxide & Corrosion Inhibitors	
Volume Solids	43%	
Coverage per 3.79 L at	27.9-37.1 sq. m.	
Recommended Film Thickness	(300 – 400 Sq. Ft.)	
Recommended Film Thickness	– Wet	4.0 – 5.5 mils
	– Dry	1.7 – 2.3 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.		
Dry Time @ 25°C (77°F) @ 50% RH	– To Touch	½ Hour
	– To Recoat	2 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries By	Coalescence	
Dry Heat Resistance	126.7 °C (260 °F)	
Viscosity	85 ± 3 KU	
Flash Point	None	
Gloss / Sheen	Matte (10% Max @ 60°)	
Surface Temperature at Application	– Min.	10 °C (50 °F)
	– Max.	35 °C (95 °F)
Thin With	Clean Water	
Clean Up Thinner	Clean Water	
Weight Per 3.79 L	4.9 kg (10.9 lbs)	
Storage Temperature	– Min.	4.4°C (40°F)
	– Max.	32.2°C (90°F)

Volatile Organic Compounds (VOC)

48 Grams/Litre

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

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 logging onto Health Canada @ http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php (updating to <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

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 retailer.

Ferrous Metal:

Primer: Ultra Spec® HP Acrylic Metal Primer (FP04)

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 (FP04)

Finish: Appropriate Benjamin Moore® Alkyd or Latex Finish Coat

Masonry; Smooth Poured or Pre-cast Concrete:

Primer: Ultra Spec® HP Acrylic Metal Primer (FP04)

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 provincial-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
FOR PROFESSIONAL USE ONLY**

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