



BENJAMIN MOORE® SUPER SPEC HP® D.T.M. ACRYLIC GLOSS ENAMEL P28

Features

- Direct to metal application
- Water thinned
- Fast dry and recoat times
- Excellent adhesion
- Resists oxidation, fading, and loss of gloss
- Corrosion resistant
- No fire hazard
- Non-polluting
- High gloss finish
- Standard line of colors
- Unlimited custom colors

Recommended For

- Ferrous or non-ferrous metal
- Interior or exterior surfaces
- Wood
- Masonry surfaces
- Equipment
- Fencing
- Metal storage sheds
- Bilco® doors and railings
- General maintenance painting
- Structural or support steel
- Roof decks
- Bar joists
- Roof vents

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 color 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

- Not for immersion service
- Not for strong chemicals
- Minimum film forming temperature 50° F

Product Information

Labor Saving Benefits

- This product serves as both a primer and a finish coat. Therefore, both coats have rust inhibition and the durability of the high gloss finish
- Provides excellent adhesion, permitting application to a wide variety of substrates
- This tough flexible film is fast drying, which allows for faster recoat time, eliminating costly down time
- Resists various weather conditions, oxidation, fading, loss of gloss and mild chemical and industrial fumes
- Resists loss of adhesion due to thermal shock caused by radical temperature changes

Colors: —Standard:

P28-08 SafetyWhite	P28-64 Bronzestone
P28-15 Safety Yellow	P28-65 Safety Orange
P28-21 Safety Red	P28-73 Platinum Gray
P28-35 Safety Blue	P28-75 Battleship Gray
P28-60 Brown	P28-82 Safety Black

—Special Colors:

Contact your Benjamin Moore & Co. Representative

— BENJAMIN MOORE® COLOR PREVIEW® Tint Bases:

P28-1B Pastel Base
P28-2B Medium Base
P28-3B Deep Base
P28-4B Ultra Base

Certification:

Master Painters Institute MPI #153 & 114.
Does not contain any ozone-depleting substances, either Class I or Class II.
Available in all regulated areas, except South Coast



Technical Assistance

Available through your local authorized independent BENJAMIN MOORE® retailer.
For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.

Technical Data[◇]

		Pastel Base
Generic Type		Acrylic
Pigment Type		Titanium Dioxide & Corrosion Inhibitors
Volume Solids		43%
Theoretical Coverage At		300 - 400 sq. ft. t
Recommended Film Thickness		
Be sure to estimate the right amount of paint for the job. This will ensure proper coverage and minimize the disposal of excess paint		
Recommended Film – Wet Thickness		4.0-5.3 mils
– Dry		1.7-.2.3 mils
Dry Time @ 70° F	—To Touch	1 Hours
	—To Recoat	8 Hours
Dries By		Coalescence
Dry Heat Resistance		250° F
Viscosity [◇]		94 ± 5 KU
Flash Point		None
Gloss/Sheen		70%
Surface Temperature at application	– Min.	50° F
	– Max	100° F
Surface must be dry and at least 5° above the dew point.		
Thin With		Clean Water
	— Brush	5 %
Reduction	— Roller	5%
	— Spray	10% max
Clean Up Thinner		Clean Water
Mixing Ratio		N/A
Induction Time		N/A
Pot Life @ 70° F		N/A
Weight Per Gallon [◇]		10 lbs.
Storage Temperature	– Min	40° F
	– Max	90° F

Volatile Organic Compounds (VOC) [◇]
147 Grams / Liter 1.23 LBS / Gallon

[◇]Reported values are for Pastel Base. Contact Benjamin Moore & Co. for values of other bases or colors.

Super Spec HP® D.T.M. Acrylic Gloss Enamel (P28)

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 Benjamin Moore® Oil & Grease Emulsifier (P83).

Wood: Spot-prime patched and spackled areas with this product or any recommended Benjamin Moore & Co. 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: If mildew is present, it must be removed by scrubbing with a commercial mildew wash, or it will continue to grow through the fresh coating. 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. Carefully clean up 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 Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Primer/Finish Systems

Super Spec HP® D.T.M. (Direct To Metal) Acrylic Gloss Enamel (P28) is self priming on properly prepared ferrous and non-ferrous metal substrates.

Metal Surfaces:

Finish: 2 coats Super Spec HP® D.T.M. (Direct To Metal) Acrylic Gloss Enamel (P28)

Galvanized Metal: All new galvanized metal surfaces must be thoroughly cleaned with Benjamin Moore® Oil & Grease Emulsifier (P83) to remove contaminants.

Finish: 1 or 2 coats Super Spec HP® D.T.M. (Direct To Metal) Acrylic Gloss Enamel (P28)

Masonry, Smooth Poured or Precast Concrete:

Primer: Moore's® Acrylic Masonry Sealer (066) or Benjamin Moore® Fresh Start® All-Purpose 100% Acrylic Primer (023)

Finish: 1 or 2 coats Super Spec HP® D.T.M. (Direct To Metal) Acrylic Gloss Enamel (P28)

Masonry, Rough or Pitted:

Primer: Moorcraft Super Craft® Latex Block Filler (285)

Finish: 1 or 2 coats Super Spec HP® D.T.M. (Direct To Metal) Acrylic Gloss Enamel (P28)

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

Primer: Benjamin Moore® Fresh Start® All-Purpose 100% Acrylic Primer (023)

Finish: 1 or 2 coats Super Spec HP® D.T.M. (Direct To Metal) Acrylic Gloss Enamel (P28)

Previously Painted Surfaces:

Finish: 1 or 2 coats Super Spec HP® D.T.M. (Direct To Metal) Acrylic Gloss Enamel (P28)

Note: Depending upon the condition of the substrate, a specific Benjamin Moore® primer may be required. Please consult your retailer for advice.

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/Cleanup

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.

Cleanup: 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. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

Environmental, Health & Safety Information

Contains: Glycol Ethers

HARMFUL IF INHALED. CAUSES EYE AND SKIN IRRITATION

NOTICE: Repeated and prolonged exposure to solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat and flame. **Use only with adequate ventilation.** Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection and gloves. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear a properly fitted vapor/particulate NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call physician; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF: **FIRE** – Use foam CO₂, dry chemical or water fog.
SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING
FOR PROFESSIONAL USE ONLY**

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