



# SUPER SPEC HP<sup>®</sup>

## D.T.M. ACRYLIC GLOSS

## ENAMEL KP28

### Features

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

### 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.

### Recommended For

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

### Limitations

- Not for immersion service
- Not for strong chemicals
- Minimum film forming temperature 10 °C (50 °F)

### Product Information

#### Labour 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

#### Colours: – Standard:

KP28-08 Safety White, KP28-35 Safety Blue, KP28-15 Safety Yellow, KP28-65 Safety Orange, KP28-21 Safety Red, KP28-82 Safety Black

#### – Tint Bases:

Benjamin Moore<sup>®</sup> Colour Preview<sup>®</sup> bases 1B (Pastel), 2B (Medium), 3B (Deep), 4B (Ultra)

#### – Special Colours:

Contact your Benjamin Moore representative

#### Certification:

**VOC compliant in all regulated areas.**

Master Painters Institute MPI #114, 154

CFIA accepted for use in food processing facilities

**Qualifies for**

**LEED<sup>®</sup>**

(ANTI-CORROSIVE)

Credit when used on Metal Substrates

#### CUSTOMER SERVICE INFORMATION CENTRE:

1-800-361-5898, [info@benjaminmoore.ca](mailto:info@benjaminmoore.ca), [www.benjaminmoore.ca](http://www.benjaminmoore.ca)

#### Technical Data<sup>Δ</sup>

#### Pastel Base

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 – Wet	4.0 – 5.3 mils
Film Thickness – 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 – To Touch	1 Hour
(77 °F) @ 50% RH – To Recoat	8 Hours
Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times	
Dries By	Coalescence
Dry Heat Resistance	121 °C (250 °F)
Viscosity	94 ± 5 KU
Flash Point	None
Gloss / Sheen	Gloss (70 @ 60°)
Surface Temperature – Min.	10° C (50° F)
at Application – Max	38° (100° F)
Thin With	Clean Water
Clean Up Thinner	Clean Water
Weight Per 3.79L	4.5 kg (10.0 lbs)
Storage Temperature – Min.	4.4 °C (40 °F)
– Max	32.2 °C (90 °F)

#### Volatile Organic Compounds (VOC)

147 g/L

<sup>Δ</sup>Reported values are for Pastel Base. 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, and other foreign matter than could interfere with adhesion. Glossy surfaces should be dulled by abrasion..

**Metal:** Remove loose rust and scale with a scraper, wire brush, or sandpaper. Remove oils from bare metal with Super Spec HP® Oil & Grease Emulsifier (KP83).

**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 material safety data sheets for instructions on its proper use and handling.

**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/iyh-vsv/prod/paint-peinture\\_e.html](http://www.hc-sc.gc.ca/iyh-vsv/prod/paint-peinture_e.html)

## Primer/Finish Systems

Super Spec HP® D.T.M. Acrylic Gloss Enamel (KP28) is self priming on properly prepared ferrous and non-ferrous metal substrates. **Note:** Depending upon the condition of the substrate, a specific Benjamin Moore® primer may be required. Please consult your retailer for advice.

### Ferrous Metal (Steel and Iron)

**Finish:** 2 coats Super Spec HP® D.T.M. Acrylic Gloss Enamel (KP28)

**Non-Ferrous Metal (Galvanized & Aluminum)** All new metal surfaces must be thoroughly cleaned with Super Spec HP® Oil & Grease Emulsifier (KP83) to remove contaminants. New shiny non-ferrous metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion

**Finish:** 1 or 2 coats of Super Spec HP® D.T.M. Acrylic Gloss Enamel (KP28)

### Masonry, Smooth Poured or Precast Concrete

**Primer:** Fresh Start® All-Purpose 100% Acrylic Primer (F/K023) or Fresh Start® 100% Acrylic Superior Primer (K046)

**Finish:** 1 or 2 coats of Super Spec HP® D.T.M. Acrylic Gloss Enamel (KP28)

### Rough or Pitted Masonry

**Primer:** Super Spec® Latex Block Filler (K160) or Super Spec® Masonry Interior/Exterior Hi-Build Block Filler (K206)

**Finish:** 1 or 2 coats of Super Spec HP® D.T.M. Acrylic Gloss Enamel (KP28)

**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® All-Purpose 100% Acrylic Primer (F/K023) or Fresh Start® 100% Acrylic Superior Primer (K046)

**Finish:** 1 or 2 coats of Super Spec HP® D.T.M. Acrylic Gloss Enamel (KP28)

**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;

Tip — .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. Dry empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or provincial 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 Material Safety Data Sheet for  
additional health and safety information.**