



SUPER SPEC HP[®]

D.T.M. ALKYD SEMI-GLOSS ENAMEL KP24

Features

- Dual purpose – primer and finish coat
- Rust preventative coating
- Durable semi-gloss finish
- Unlimited custom colours
- Interior or exterior application
- Apply by brush, roller or various spray methods
- Provide a mildew resistant coating

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. This product provides good colour and gloss retention on both interior and exterior surfaces.

Recommended For

Metal, Fences, Equipment, metal buildings, catwalks, railings, metal doors and lockers, machinery, piping and general maintenance painting of internal / exterior surfaces

Limitations

- **FOR METAL SUBSTRATES ONLY**
- Not for application directly on galvanized metal.
- Not for floor applications.
- Uncoated ferrous metal must receive a minimum of two coats.

Product Information

Labour Saving Benefits

- Very good rust inhibition for direct to metal application
- Tough durable semi-gloss finish hides surface defects for a professional finish
- Unlimited custom tinted colours satisfying the most stringent colour needs
- Versatile application by roller or various spray methods

Colours: — Standard:

KP24-08 Safety White, KP24-82 Safety Black

— Tint Bases:

Benjamin Moore[®] Colour Preview[®] 1B (Pastel), 2B (Medium), 3B (Deep), 4B (Ultra)

— Special Colours:

Contact your Benjamin Moore representative.

Certification:

VOC complainant in all regulated areas

Master Painters Institute MPI# 81

CFIA accepted for use in food processing facilities

CUSTOMER SERVICE INFORMATION CENTRE:

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

Technical Data[◇]

Vehicle Type Modified Alkyd

Pigment Type Corrosion Inhibitors & Titanium Dioxide

Volume Solids 49%

Coverage per 3.79 L at Recommended Film Thickness 32.5 – 41.8 sq. m. (350 – 450 sq. ft.)

Recommended – Wet Film Thickness 3.6 – 4.6 mils
Recommended – Dry Film Thickness 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 2 Hours
– To Recoat 16 Hours
– Full Cure 7 – 10 Days

Maximum abrasion and chemical resistance are achieved at full cure; care should be taken to prevent damage to the coating during the curing process. High humidity and cool temperatures will result in longer dry, recoat and cure times.

Dries By Solvent Evaporation & Oxidation

Dry Heat Resistance 176.6 °C (350 °F)

Viscosity 88 ± 5 KU

Flash Point 39.4 °C (103 °F)

Gloss / Sheen Semi-Gloss (45-55 @ 60°)

Surface Temperature – Min. 10 °C (50 °F)
at Application – Max. 32.2 °C (90 °F)

Thin With Do Not Thin

Clean Up Thinner Mineral Spirits

Weight Per 3.79L 4.7 kg (10.3 lbs)

Storage Temperature – Min. 4.4 °C (40 °F)
– Max. 32.2 °C (90 °F)

Volatile Organic Compounds (VOC)

391 g/L

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

Super Spec HP® D.T.M. Alkyd Semi-Gloss Enamel KP24

Surface Preparation

Surfaces to be painted must be clean and free from wax, oil, grease, dust, rust, loose paint and water soluble materials. All loose rust or peeling paint should be removed and glossy surfaces should be dulled before re-coating.

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.

Primer/Finish Systems

Super Spec® HP DTM Alkyd Semi-Gloss is self priming on ferrous metal surfaces. A minimum of two coats is required on bare metal surfaces.

Ferrous Metal, New

Finish: 2 coats Super Spec HP® D.T.M. Alkyd Semi-Gloss Enamel (KP24)

Ferrous Metal, Repaint

Finish: 1 or 2 coats Super Spec HP® D.T.M. Alkyd Semi-Gloss Enamel (KP24)

Galvanized Metal, New or Bare

Primer: 1 coat Super Spec HP® Acrylic Metal Primer (KP04)

Finish, primed or previously painted galvanized: 1 or 2 coats Super Spec HP® D.T.M. Alkyd Semi-Gloss Enamel (KP24)

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

Application

Stir thoroughly before and occasionally during use. 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 — 1,500 to 3,000 PSI;
Tip — .011 - .015 Orifice

Thinning/Cleanup

DO NOT THIN

Clean all equipment immediately after use with mineral spirits.

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.

DANGER OF COMBUSTION

Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard.

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
FOR METAL SUBSTRATES ONLY**

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