



SUPER SPEC HP[®]

D.T.M. ALKYD LOW LUSTRE

P23

Features

- Tough, durable film with outstanding adhesion.
- Attractive low lustre finish.
- For exterior or interior use.
- Self priming with easy application.
- Extremely durable with rust inhibitive ingredients.

General Description

A highly versatile alkyd based coating, Super Spec HP[®] D.T.M. Alkyd Low Lustre seals and protects both exterior and interior metal surfaces from rusting and moisture. Super Spec HP[®] D.T.M. Alkyd Low Lustre offers superior rust inhibition and protection along with the convenience of a primer and topcoat system in a single package.

Recommended For

For exterior or interior surfaces such as steel, aluminum, wrought iron railings, and metal roof decks.

Limitations

- Do not apply when air and surface temperatures are below 50°F (10°C).
- **FOR USE ON METAL SUBSTRATES ONLY**
- Not for application directly on galvanized metal.

Product Information

Colors — Standard:	Technical Data [◇]	Pastel Base
White, Black, and Bronzestone	Vehicle Type	Soya Alkyd
	Pigment Type	Titanium Dioxide
— Tint Bases:	Volume Solids	52.6%
Benjamin Moore [®] Color Preview [®] bases 1B, 2B, 3B & 4B	Coverage per Gallon at Recommended Film Thickness	350 – 450 Sq. Ft.
— Special Colors:	Recommended Film Thickness	4.0 mils
Contact your Benjamin Moore representative.	– Wet	2.1 mils
	– Dry	
Certification:	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.	
VOC Compliant in all regulated areas except the South Coast and areas of California that follow the 2007 Suggested Control Measures.	Dry Time @ 77°F	– To Touch 2 Hours
Master Painters Institute MPI #79	(25°C) @ 50% RH	– To Recoat 16 Hours
Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84	Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and cure times.	
Technical Assistance:	Dries By	Evaporation, Oxidation
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.	Dry Heat Resistance	350°F
	Viscosity	83 ± 3 KU
	Flash Point	Combustible
	Gloss / Sheen	Low Lustre
	Surface Temperature – Min. at Application	50°F
	– Max	90°F
	Thin With	Do Not Thin
	Clean Up Thinner	Mineral Spirits
	Weight Per Gallon	11.5 lbs
	Storage Temperature – Min.	40°F
	– Max	90°F
	Volatile Organic Compounds (VOC)	
	370 Grams / Liter	3.09 LBS / Gallon

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

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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. Clean bare metal with mineral spirits.

Mildew: Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (318) prior to coating the surface. **Caution:** Refer to the (318) Clean technical data and material safety data sheets for instructions on its proper use and handling.

Difficult Substrates: Benjamin Moore offers a number of specialty primers for use over difficult substrates such as bleeding woods, grease stains, crayon markings, hard glossy surfaces, galvanized metal, or other substrates where paint adhesion or stain suppression is a particular problem. Your Benjamin Moore retailer can recommend the right problem solving primer for your special needs.

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

Note: Super Spec HP® D.T.M. Alkyd Low Lustre is self priming. No other primer product is usually necessary. All alkyd-based enamels experience a certain amount of yellowing. This effect is accelerated in dark or poorly ventilated areas. In these problem areas, the use of an acrylic finish such as Super Spec HP® D.T.M. Acrylic Low Lustre (P25) is recommended.

Ferrous Metal:

Finish: 1 or 2 coats Super Spec HP® D.T.M. Alkyd Low Lustre (P23)
A minimum of two coats are required on bare metal surfaces.

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

Prime: 1 coat Super Spec HP® Acrylic Metal Primer (P04).

Finish: 1 or 2 coats Super Spec HP® D.T.M. Alkyd Low Lustre (P23)

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.

For best application results, apply generously going from unpainted into painted areas. A one coat application protects and a preserve, two coats provides greater durability.

Apply with a china bristle or all purpose synthetic brush, short nap roller, or spray.

Spray, Airless: Fluid Pressure — 1,500 to 2,500 PSI;
Tip — .011 - .015 Orifice

Thinning/Cleanup

Do Not Thin:

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Save unused product for touch-up purposes or a household hazardous waste collection program. 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 more information on disposal options.**

Environmental, Health & Safety Information

DANGER!

COMBUSTIBLE LIQUID AND VAPOR
VAPOR HARMFUL

Contains: Petroleum distillates.

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT.

NOTICE: Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors 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. 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, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use. Wash thoroughly after handling.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

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 get medical attention immediately; 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

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