



IMPERVO®
INTERIOR / EXTERIOR ALKYD
HIGH GLOSS ENAMEL N133

Features

- For exterior or interior use.
- Outstanding adhesion.
- Extremely durable, high gloss finish.
- Resistant to weather.
- Excellent color retention.
- Withstands repeated washings.
- No unpleasant odor during application.
- Quick dry.

Recommended For

Recommended for use on metal and substrates such as steel, wrought iron and aluminum. Use on metal doors, railings, pipes structural steel and machinery.

General Description

A premium quality, alkyd enamel that when used according to label and system directions provides superior rust inhibition and dries to a mirror-like high gloss finish. Impervo® Alkyd High Gloss Enamel is suitable for both exterior and interior surfaces.

Note: All alkyd enamels experience a certain amount of yellowing. This effect is accelerated in dark or poorly ventilated areas.

For use on metal substrates only.

Limitations

- Do not apply when air and surface temperatures are below 50°F (10°C).
- Do not apply directly to galvanized metal.

Product Information

Colors — Standard:	Technical Data◊	Paste Base
White and Black	Vehicle Type	Soya Alkyd
— Tint Bases:	Pigment Type	Titanium Dioxide
Benjamin Moore® Color Preview® bases 1B, 2B, 3B & 4B	Volume Solids	51%
— Special Colors:	Coverage per Gallon at Recommended Film Thickness	500 – 550 Sq. Ft.
Contact your Benjamin Moore representative.	Recommended Film Thickness	— Wet 3.0 mils — Dry 1.6 mils
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 SCAQMD & CARB.	Dry Time @ 77°F (25°C) @ 50% RH	— To Touch 4 Hours — To Recoat Overnight
Master Painters Institute MPI # 9, 48	Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service 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.	Viscosity	82 ± 4 KU
	Flash Point	Combustible
	Gloss / Sheen	High Gloss
	Surface Temperature at Application	— Min. 50°F — Max 95°F
	Thin With	Do Not Thin
	Clean Up Thinner	Mineral Spirits
	Weight Per Gallon	9.9 lbs
	Storage Temperature	— Min. 40°F — Max 90°F
Volatile Organic Compounds (VOC)		
374 Grams/Liter 3.12 Lbs./Gallon		

◊ Reported values are for Paste Base. Contact Benjamin Moore for values of other bases or colors.

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Surface Preparation

Surfaces must be clean, dry and free of water soluble materials, grease, wax, scaling paint, rust and mildew. Glossy areas must be dulled by abrading the surface. 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 (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

Impervo® Alkyd High Gloss Enamel inhibits rust by encapsulating properly prepared ferrous metal surfaces. A minimum of two coats are required on bare metal surfaces. Pairing Impervo® Alkyd High Gloss Enamel with a Benjamin Moore® metal primer will enhance rust inhibition.

Ferrous Metal Surfaces:

Primer: 1 coat Super Spec HP® Alkyd Metal Primer (P06) or this product.

Finish: 1 or 2 coats Impervo® Alkyd High Gloss Enamel

Aluminum:

All new aluminum must be thoroughly cleaned with Super Spec HP® Oil & Grease Emulsifier (P83) to remove contaminants. New shiny aluminum surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion.

Primer: 1 coat Super Spec HP® Alkyd Metal Primer (P06) or this product.

Finish: 1 or 2 coats Impervo® Alkyd High Gloss Enamel

Galvanized Metal:

All new galvanized metal surfaces must be thoroughly cleaned with Super Spec HP® Oil & Grease Emulsifier (P83) to remove contaminants. New shiny galvanized metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion.

Primer: Super Spec HP® Acrylic Metal Primer (P04)

Finish: 1 or 2 coats Impervo® Alkyd High Gloss Enamel

Previously Painted Surfaces: Apply 1 or 2 coats Impervo® Alkyd High Gloss Enamel

Note: All alkyd-based enamels experience a certain amount of yellowing. This effect is accelerated in dark or poorly ventilated areas. In these problem areas, a suitable acrylic alternative for a gloss finish is Impervex® Latex High Gloss Enamel (309).

Application

Mixing of Paint: Stir thoroughly before and occasionally during use. Do not thin. 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

Cleanup: Clean equipment with mineral spirits immediately after use.

DANGER — Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

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. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

Environmental Health & Safety Information

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 FOR METAL SUBSTRATES ONLY

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