



SATIN IMPERVO®

ALKYD LOW LUSTRE ENAMEL Z235

Features

- Easy to apply with brush, roller or spray gun
- Covers surfaces in one coat, provided they are in good repaint condition and color change is not extreme
- Excellent washability
- Rust preventative coating
- Possesses superb leveling and hiding qualities
- Excellent sag resistance
- Clings to sharp edges and corners

Recommended For

Recommended for use on metal and substrates such as steel, wrought iron and aluminum. Do not apply directly to galvanized metal. **Note:** All alkyd-based enamels experience a certain amount of yellowing. This effect is accelerated in dark or poorly ventilated areas.

General Description

A premium quality, low lustre, alkyd enamel. Satin Impervo® Alkyd Low Lustre Enamel (Z235) possesses superb leveling and hiding qualities, and is easy to apply with brush, roller or spray gun. It has excellent sag resistance, clings to sharp edges and corners. It reaches its normal satin finish in one week.

Limitations

- Do not apply when air and surface temperatures are below 50 °F (10 °C)
- For metal substrates only

Product Information

Colors — Standard:

White (01)

— Tint Bases:

Benjamin Moore® Color Preview® Bases 1B, 2B, 3B, & 4B.

— Special Colors:

Contact your Benjamin Moore® representative.

Certifications & Qualifications:

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	YES
OTCII	NO
CARB	YES
CARB07	NO
UTAH	NO
AZMC	NO
SCAQMD	NO

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com

Technical Data◇

Pastel Base

Vehicle Type	Alkyd	
Pigment Type	Titanium Dioxide	
Volume Solids	50.9%	
Coverage per Gallon at Recommended Film Thickness	500 – 550 Sq. Ft.	
Recommended Film Thickness	– Wet	3.0 – 3.3 mils
	– Dry	1.5 – 1.7 mils
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.		
Dry Time @ 77 °F (25 °C) @ 50% RH	– To Touch	4 Hours
	– To Recoat	16 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	Evaporation, Oxidation	
Viscosity	95 ± 5 KU	
Flash Point	Combustible	
Gloss / Sheen	Low Luster (45-55 @ 60°)	
Surface Temperature at Application	– Min.	50 °F
	– Max	90 °F
Thin With	Do Not Thin	
Clean Up Thinner	Mineral Spirits	
Weight Per Gallon	11.0 lbs	
Storage Temperature	– Min.	40 °F
	– Max	90 °F

Volatile Organic Compounds (VOC)

375 Grams/Liter 3.13 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 painted must be clean and free from wax, oil, grease, dust, rust, loose paint and water soluble materials. Glossy areas should be dulled. If mildew is evident, it must be removed by application of a commercial mildew wash. **CAUTION:** Follow manufacturer's application and safety directions.

Mildew: If mildew is present, it must be removed by scrubbing with a 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.

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

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

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant color change is desired. **Special Note:** Certain custom colors require a Deep Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

Ferrous Metal (Steel and Iron):

Primer: Ultra Spec® HP Acrylic Metal Primer (HP04) or Super Spec HP® Alkyd Metal Primer (P06)

Finish: 1 or 2 coats Satin Impervo® Alkyd Low Lustre Enamel (Z235)

Non-Ferrous Metal (Galvanized & Aluminum): All new metal surfaces must be thoroughly cleaned with Corotech® Oil & Grease Emulsifier (V600) 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

Primer: Ultra Spec® HP Acrylic Metal Primer (HP04)

Finish: 1 or 2 coats Satin Impervo® Alkyd Low Lustre Enamel (Z235)

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® custom-blended nylon/polyester or china bristle brush, Benjamin Moore® roller, or a similar product. This product can also be sprayed. Do not mix other paints or enamels with Satin Impervo® Finish Enamel (Z235). Do not apply when temperature of air/surface is below 50 °F (10 °C). Do not thin.

Spray, Airless: Fluid Pressure — 1,500 to 2,500 PSI;

Tip — .011–.015 Orifice

Thinning/Cleanup

Do not thin. Never add other paints or solvents.

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. Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

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

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.

Cancer Hazard: Contains Crystalline Silica which can cause cancer when in the respirable form (spray mist or sanding dust).

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 Cancer and Reproductive Harm—
www.P65warnings.ca.gov

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 symptoms persist, seek medical attention. 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 Safety Data Sheet for additional
health and safety information**