



WATERBORNE SATIN IMPERVO®

100% ACRYLIC

LOW LUSTRE ENAMEL N314

Features

- Excellent hide
- Excellent durability
- High scrub finish
- Excellent flow and leveling properties
- Will not yellow
- Spatter resistant
- Easy application
- Easy clean up
- Block resistant

General Description

A premium quality 100% acrylic latex enamel that delivers the desired flow and leveling characteristics of an alkyd based paint. It provides a tough, high hiding low lustre finish that stands up to repeated washing and scrubbing. Waterborne Satin Impervo® Enamel (N314) will not yellow like conventional alkyd enamels. It is easy to apply, resists spattering, dries fast and cleans up with soap and water.

Recommended For

Ideal for interior trim, doors, cabinets, walls, and ceilings. For new or previously painted wallboard, plaster, masonry, and primed or previously painted wood and metal.

Limitations

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

Product Information

<p>Colors — Standard: White (01) White Dove (06)</p>	<p>Technical Data◊ Pastel Base</p> <table border="1"> <tr> <td>Vehicle Type</td> <td colspan="2">100% Acrylic Latex</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">40%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td colspan="2">400 – 450 Sq. Ft.</td> </tr> <tr> <td rowspan="2">Recommended Film Thickness</td> <td>– Wet</td> <td>3.8 mils</td> </tr> <tr> <td>– Dry</td> <td>1.5 mils</td> </tr> </table>	Vehicle Type	100% Acrylic Latex		Pigment Type	Titanium Dioxide		Volume Solids	40%		Coverage per Gallon at Recommended Film Thickness	400 – 450 Sq. Ft.		Recommended Film Thickness	– Wet	3.8 mils	– Dry	1.5 mils			
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<p>— Tint Bases: Benjamin Moore® Gennex® bases 1X, 2X</p>	<p>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.</p>																				
<p>— Special Colors: Contact your Benjamin Moore & Co. representative.</p>	<table border="1"> <tr> <td rowspan="2">Dry Time @ 77° F (25° C) @ 50% RH</td> <td>– To Touch</td> <td>2 Hours</td> </tr> <tr> <td>– To Recoat</td> <td>8 Hours</td> </tr> </table>	Dry Time @ 77° F (25° C) @ 50% RH	– To Touch	2 Hours	– To Recoat	8 Hours															
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<p>Certification: VOC Compliant in all regulated areas except the South Coast and areas of California that follow the 2007 Suggested Control Measures. Master Painters Institute MPI #43</p> <div data-bbox="641 1354 860 1480" style="border: 2px solid green; padding: 5px; text-align: center;"> <p>Qualifies for LEED® Credit (INTERIOR NON-FLAT)</p> </div>	<p>Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.</p> <table border="1"> <tr> <td>Dries By</td> <td colspan="2">Evaporation, Coalescence</td> </tr> <tr> <td>Viscosity</td> <td colspan="2">98 ± 2 KU</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">None</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2">Low Lustre 25 -40 % at 60° F</td> </tr> <tr> <td rowspan="2">Surface Temperature at Application</td> <td>– Min.</td> <td>50° F</td> </tr> <tr> <td>– Max</td> <td>90° F</td> </tr> </table>	Dries By	Evaporation, Coalescence		Viscosity	98 ± 2 KU		Flash Point	None		Gloss / Sheen	Low Lustre 25 -40 % at 60° F		Surface Temperature at Application	– Min.	50° F	– Max	90° F			
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<p>Technical Assistance: 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.</p>	<table border="1"> <tr> <td>Thin With</td> <td colspan="2">Clean Water</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">Clean Water</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">10.75 lbs</td> </tr> <tr> <td rowspan="2">Storage Temperature</td> <td>– Min.</td> <td>40° F</td> </tr> <tr> <td>– Max</td> <td>90° F</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td>137 Grams/Liter</td> <td>1.15 lbs./Gallon</td> <td></td> </tr> </table>	Thin With	Clean Water		Clean Up Thinner	Clean Water		Weight Per Gallon	10.75 lbs		Storage Temperature	– Min.	40° F	– Max	90° F	Volatile Organic Compounds (VOC)			137 Grams/Liter	1.15 lbs./Gallon	
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◊Reported values are for Pastel Base. Contact Benjamin Moore & Co. for values of other bases or colors

Waterborne Satin Impervo® 100% Acrylic Low Luster Enamel N314

Surface Preparation

Surfaces to be painted must be clean, dry and free from dirt, dust, wax, soap, mildew, oil, grease, and water soluble materials. Water dispersed detergents (trisodium phosphate) and abrasive cleaners are more suitable than solvent based preparations for surface cleaning. Rinse well to remove residues. Remove any peeling or scaling paint, and sand these areas to feather edges smooth with adjacent surfaces. Hard, glossy areas should be dulled with fine grit sandpaper to ensure proper adhesion. New plaster and masonry must be cured before painting. Fresh Start® High-Hiding All Purpose Primer (046) before and after filling nail holes, cracks, and other surface imperfections.

Unpainted Surfaces & Masonry: New plaster or masonry surfaces must be allowed to cure (30 days) before priming. All surfaces must be thoroughly brushed with stiff fiber bristles to remove loose particles.

Repaint Surfaces: Remove any peeling or scaling paint, and sand these areas to feather edges smooth with adjacent surfaces. Unpainted metal surfaces should be primed with an appropriate Benjamin Moore® primer.

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

Fresh Start® High-Hiding All Purpose Primer (046) is the preferred primer in most situations. For best hiding results with clean off-white colors, use Fresh Start® High-Hiding All Purpose Primer (046) tinted to the approximate finish coat color, or two finish coats. For best results when a significant color change is required, use Fresh Start® High-Hiding All Purpose Primer (046) tinted to the approximate finish coat color. **Special Note:** Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

Wood and Engineered Wood Products:

Primer: Fresh Start® High-Hiding All Purpose Primer (046), Fresh Start® Multi-Purpose Latex Primer (N023), Fresh Start® Enamel Underbody Primer (217) or Fresh Start® Multi-Purpose Oil Based Primer (N024)
Finish: 1 or 2 coats Waterborne Satin Impervo® 100% Acrylic Low Lustre enamel (N314)

Plaster/Drywall:

Primer: Fresh Start® High-Hiding All Purpose Primer (046) or Fresh Start® Multi-Purpose Latex Primer (N023)
Finish: 1 or 2 coats Waterborne Satin Impervo® 100% Acrylic Low Lustre enamel (N314)

Rough or Pitted Masonry:

Primer: Super Spec® Masonry Interior/Exterior Hi-Build Block Filler (206)
Finish: 1 or 2 coats Waterborne Satin Impervo® 100% Acrylic Low Lustre enamel (N314)

Smooth Poured or Precast Concrete:

Primer: Fresh Start® High-Hiding All Purpose Primer (046) or Fresh Start® Multi-Purpose Latex Primer (N023)
Finish: 1 or 2 coats Waterborne Satin Impervo® 100% Acrylic Low Lustre enamel (N314)

Ferrous Metal (Steel and Iron):

Primer: Super Spec HP® Acrylic Metal Primer (P04) or Super Spec HP® Alkyd Metal Primer (P06)
Finish: 1 or 2 coats Waterborne Satin Impervo® 100% Acrylic Low Lustre enamel (N314)

Non-Ferrous Metal (Galvanized & Aluminum):

All new metal surfaces must be thoroughly cleaned with 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: Super Spec HP® Acrylic Metal Primer (P04)
Finish: 1 or 2 coats Waterborne Satin Impervo® 100% Acrylic Low Lustre enamel (N314)

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

Application

Mixing of Paint: Stir thoroughly before and during use.

Apply one or two coats. For best results, use a Benjamin Moore® custom-blended nylon/polyester brush, Benjamin Moore® roller, or a similar product. This product can also be sprayed.

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

Thinning/Clean Up

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. Wash painting tools in warm soapy water immediately after use.

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

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. 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: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

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