



FRESH START[®]

ENAMEL UNDERBODY PRIMER

217

Features

- Superior flow and leveling
- Outstanding enamel holdout
- Sands easily to a smooth finish without excessive gumming

Recommended For

For interior use on new wood, pre-primed metal, or previously cured plaster. Formulated specifically as an under-coater for gloss or semi-gloss enamels.

General Description

This alkyd-based primer is recommended for wood trim, doors, cabinets and other surfaces where an ultra-smooth topcoat is desired. It provides a high film build that sands easily.

Limitations

- Do not apply when air and surface temperatures are below 50°F (10°C).
- Not recommended for galvanized metal and unpainted drywall use Fresh Start[®] Multi-Purpose Latex Primer (N023) or Fresh Start[®] High Hiding All Purpose Primer (046).

Product Information

| <p>Colors — Standard: White (White may be tinted to light colors with up to 2.0 fl. oz. Benjamin Moore[®] Color Preview[®] colorants per gallon) For best hiding results, tint to the approximate shade of the finish coat</p> | <table border="1"> <thead> <tr> <th colspan="2">Technical Data[◇]</th> <th>White</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>Alkyd</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>54%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td></td> <td>500 – 600 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>2.9 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>1.4 mils</td> </tr> <tr> <td colspan="3">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.</td> </tr> <tr> <td>Dry Time @ 77°F (25°C) @ 50% RH</td> <td>– To Touch</td> <td>4 Hours</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>Overnight</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Evaporation, Oxidation</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>95 ± 5 KU</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>Combustible</td> </tr> <tr> <td>Gloss / Sheen</td> <td></td> <td>Flat</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>50°F</td> </tr> <tr> <td></td> <td>– Max</td> <td>90°F</td> </tr> <tr> <td>Thin With</td> <td></td> <td>Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>Mineral Spirits</td> </tr> <tr> <td>Weight Per Gallon</td> <td></td> <td>12.4 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>40°F</td> </tr> <tr> <td></td> <td>– Max</td> <td>90°F</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="3" style="text-align: center;">Un-thinned 349 Grams/Liter 2.91 Lbs./Gallon</td> </tr> </tbody> </table> | Technical Data [◇] | | White | Vehicle Type | | Alkyd | Pigment Type | | Titanium Dioxide | Volume Solids | | 54% | Coverage per Gallon at Recommended Film Thickness | | 500 – 600 Sq. Ft. | Recommended Film Thickness | – Wet | 2.9 mils | | – Dry | 1.4 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 | Overnight | 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 | | Flat | Surface Temperature at Application | – Min. | 50°F | | – Max | 90°F | Thin With | | Do Not Thin | Clean Up Thinner | | Mineral Spirits | Weight Per Gallon | | 12.4 lbs | Storage Temperature | – Min. | 40°F | | – Max | 90°F | Volatile Organic Compounds (VOC) | | | Un-thinned 349 Grams/Liter 2.91 Lbs./Gallon | | |
|---|---|-----------------------------|--|-------|--------------|--|-------|--------------|--|------------------|---------------|--|-----|---|--|-------------------|----------------------------|-------|----------|--|-------|----------|--|--|--|---------------------------------|------------|---------|--|-------------|-----------|--|--|--|----------|--|------------------------|-----------|--|-----------|-------------|--|-------------|---------------|--|------|------------------------------------|--------|------|--|-------|------|-----------|--|-------------|------------------|--|-----------------|-------------------|--|----------|---------------------|--------|------|--|-------|------|---|--|--|---|--|--|
| Technical Data [◇] | | White | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vehicle Type | | Alkyd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigment Type | | Titanium Dioxide | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volume Solids | | 54% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coverage per Gallon at Recommended Film Thickness | | 500 – 600 Sq. Ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended Film Thickness | – Wet | 2.9 mils | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | – Dry | 1.4 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 | Overnight | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | Flat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surface Temperature at Application | – Min. | 50°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | – Max | 90°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thin With | | Do Not Thin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clean Up Thinner | | Mineral Spirits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight Per Gallon | | 12.4 lbs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Storage Temperature | – Min. | 40°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | – Max | 90°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volatile Organic Compounds (VOC) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Un-thinned 349 Grams/Liter 2.91 Lbs./Gallon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>— Tint Bases: Deep Color Base. See special prescriptions for Deep Color Base</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>— Special Colors: Contact your Benjamin Moore representative</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Certification: VOC compliant in all regulated areas except South Coast and areas that follow the 2007 CARB SCM in gallons and larger. Master Painters Institute MPI #45, 46</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Technical Assistance: Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180, see www.benjaminmoore.com, or consult your local Yellow Pages.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials, and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled.

New plaster must be allowed to cure 30 days before applying base coat. Cured plaster should be hard, have a slight sheen and maximum PH of 10; soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound.

Difficult Substrates: Benjamin Moore offers a variety 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

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. **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® Enamel Underbody Primer (217)

Finish: Appropriate Benjamin Moore interior finish

Plaster

Primer: Fresh Start® Multi-Purpose Latex Primer (N023) or Fresh Start® High-Hiding All Purpose Primer (046)

Finish: Appropriate Benjamin Moore interior finish

Drywall:

Primer: Fresh Start® Multi-Purpose Latex Primer (N023) or Fresh Start® High-Hiding All Purpose Primer (046)

Finish: Appropriate Benjamin Moore interior finish

Rough or Pitted Masonry:

Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571)

Finish: Appropriate Benjamin Moore interior finish

Smooth Poured or Precast Concrete:

Primer: Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608)

Finish: Appropriate Benjamin Moore interior finish

Ferrous Metal (Steel and Iron):

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

Finish: Appropriate Benjamin Moore interior finish

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: Appropriate Benjamin Moore interior finish

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

Application

Stir thoroughly before and occasionally during use.

Do not thin. For an extra smooth finish. Fresh Start® Alkyd Enamel Underbody should be sanded lightly with fine sandpaper, dust carefully and apply finish coat.

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

Apply with a good quality synthetic or china bristle brush, medium-nap roller, or spray.

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

Tip — .011 - .015 Orifice

Thinning/Clean up

Clean equipment with mineral spirits.

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. MAY CAUSE ALLERGIC SKIN REACTION.

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: 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 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

Refer to Safety Data Sheet for additional health and safety information