



# FRESH START<sup>®</sup> INTERIOR ALKYD ENAMEL UNDERBODY 217

## Features

- Provides an ideal foundation for enamel finishes.
- Exhibits outstanding holdout, leveling, and sanding properties.
- An effective vapor barrier.
- Effective stain blocking primer.
- Hardens quickly and can be sanded easily without excessive gumming of the paper.

## General Description

A superior quality, smooth flowing, heavy-bodied solvent thinned underbody. Fresh Start<sup>®</sup> Alkyd Enamel Underbody seals surfaces and forms a smooth non-absorbent film ideal for use under flat or glossy finishes.

## Recommended For

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

## 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<sup>®</sup> All-Purpose 100% Acrylic Primer (N023) or Fresh Start<sup>®</sup> 100% Acrylic Superior Primer (046).

## Product Information

<p><b>Colors — Standard:</b> White (White may be tinted to light colors with up to 2.0 fl. oz. Benjamin Moore<sup>®</sup> Color Preview<sup>®</sup> colorants per gallon) For best hiding results, tint to the approximate shade of the finish coat</p>	<p><b>Technical Data<sup>◇</sup></b> <span style="float: right;"><b>White</b></span></p>																																	
<p><b>— Tint Bases:</b> Deep Color Base. See special prescriptions for Deep Color Base</p>	<table border="1"> <tr> <td>Vehicle Type</td> <td style="text-align: right;">Alkyd</td> </tr> <tr> <td>Pigment Type</td> <td style="text-align: right;">Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td style="text-align: right;">54%</td> </tr> </table>	Vehicle Type	Alkyd	Pigment Type	Titanium Dioxide	Volume Solids	54%																											
Vehicle Type	Alkyd																																	
Pigment Type	Titanium Dioxide																																	
Volume Solids	54%																																	
<p><b>— Special Colors:</b> Contact your Benjamin Moore representative</p>	<table border="1"> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td colspan="2" style="text-align: right;">500 – 600 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td style="text-align: right;">– Wet</td> <td style="text-align: right;">2.9 mils</td> </tr> <tr> <td></td> <td style="text-align: right;">– Dry</td> <td style="text-align: right;">1.4 mils</td> </tr> </table>	Coverage per Gallon at Recommended Film Thickness	500 – 600 Sq. Ft.		Recommended Film Thickness	– Wet	2.9 mils		– Dry	1.4 mils																								
Coverage per Gallon at Recommended Film Thickness	500 – 600 Sq. Ft.																																	
Recommended Film Thickness	– Wet	2.9 mils																																
	– Dry	1.4 mils																																
<p><b>Certification:</b>  <b>VOC compliant in all regulated areas, except South Coast</b>  Master Painters Institute MPI #45, 46</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> <table border="1"> <tr> <td>Dry Time @ 77°F</td> <td style="text-align: right;">– To Touch</td> <td style="text-align: right;">4 Hours</td> </tr> <tr> <td>(25°C) @ 50% RH</td> <td style="text-align: right;">– To Recoat</td> <td style="text-align: right;">Overnight</td> </tr> </table>	Dry Time @ 77°F	– To Touch	4 Hours	(25°C) @ 50% RH	– To Recoat	Overnight																											
Dry Time @ 77°F	– To Touch	4 Hours																																
(25°C) @ 50% RH	– To Recoat	Overnight																																
<p><b>Technical Assistance:</b> Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-800-826-2623, see <a href="http://www.benjaminmoore.com">www.benjaminmoore.com</a>, or consult your local Yellow Pages.</p>	<p>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" style="text-align: right;">Evaporation, Oxidation</td> </tr> <tr> <td>Viscosity</td> <td colspan="2" style="text-align: right;">95 ± 5 KU</td> </tr> <tr> <td>Flash Point</td> <td colspan="2" style="text-align: right;">Combustible</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2" style="text-align: right;">Flat</td> </tr> <tr> <td>Surface Temperature at Application</td> <td style="text-align: right;">– Min.</td> <td style="text-align: right;">50°F</td> </tr> <tr> <td></td> <td style="text-align: right;">– Max</td> <td style="text-align: right;">90°F</td> </tr> <tr> <td>Thin With</td> <td colspan="2" style="text-align: right;">Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2" style="text-align: right;">Mineral Spirits</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2" style="text-align: right;">12.4 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td style="text-align: right;">– Min.</td> <td style="text-align: right;">40°F</td> </tr> <tr> <td></td> <td style="text-align: right;">– Max</td> <td style="text-align: right;">90°F</td> </tr> </table> <p style="text-align: center;"><b>Volatile Organic Compounds (VOC)</b></p> <p style="text-align: center;">Un-thinned 349 Grams/Liter    2.91 Lbs./Gallon</p>	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
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																																

<sup>◇</sup> Reported values are for White. Contact Benjamin Moore for values of other bases or colors.

## Fresh Start® Interior Alkyd Enamel Underbody 217

### 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. Drywall surfaces must be free of sanding dust.

New plaster or masonry surfaces 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. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles before priming. Wood substrates must be thoroughly dry.

**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](http://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 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® Alkyd Enamel Underbody (217)

**Finish:** Appropriate Benjamin Moore interior finish

#### Plaster

**Primer:** Fresh Start® All-Purpose 100% Acrylic Primer (N023) or

Fresh Start® 100% Acrylic Superior Primer (046)

**Finish:** Appropriate Benjamin Moore interior finish

#### Drywall:

**Primer:** Fresh Start® All-Purpose 100% Acrylic Primer (N023) or

Fresh Start® 100% Acrylic Superior Primer (046)

**Finish:** Appropriate Benjamin Moore interior finish

#### Rough or Pitted Masonry:

**Primer:** Super Spec® Latex Block Filler (160) or Super Spec®

Masonry Interior/Exterior Hi-Build Block Filler (206)

**Finish:** Appropriate Benjamin Moore interior finish

#### Smooth Poured or Precast Concrete:

**Primer:** Fresh Start® Alkyd Enamel Underbody (217)

**Finish:** Appropriate Benjamin Moore interior finish

#### Ferrous Metal (Steel and Iron):

**Primer:** Super Spec HP® Alkyd Metal Primer (P06) or Super Spec

HP® Acrylic Metal Primer (P04)

**Finish:** Appropriate Benjamin Moore interior finish

**Non-Ferrous Metal (Galvanized & Aluminum)** All new metal surfaces must be thoroughly cleaned with Super Spec HP® Oil & Grease Emulsifier (P83) 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:** Fresh Start® All-Purpose 100% Acrylic Primer (N023) or

Fresh Start® 100% Acrylic Superior Primer (046)

**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/Cleanup

Clean equipment with mineral spirits.

**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

**WARNING! COMBUSTIBLE LIQUID AND VAPOR**

Contains Stoddard Solvent and Crystalline Silica

**VAPOR HARMFUL. CAUSES EYE, SKIN, NOSE, AND THROAT IRRITATION**

**NOTICE:** Repeated and prolonged exposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling that contents may be harmful or fatal. Crystalline silica can cause cancer when in the respirable form (spray mist or sanding dust).

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. Wear eye protection and gloves. To avoid breathing vapors or spray mist, open window and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear a properly fitted vapor/particulate respirator approved by NIOSH for use with paints or leave the area. In all cases follow respirator manufacturer's directions for respirator use. Close container after each use.

**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 call a physician; for skin, wash thoroughly with soap and water. In case of ingestion - DO NOT INDUCE VOMITING. Get medical help immediately.

**IN CASE OF: FIRE** – Use foam, CO<sub>2</sub>, dry chemical, or water fog.

**SPILL** – Absorb with inert material and dispose of as specified under Thinning/Cleanup.

**KEEP OUT OF REACH OF CHILDREN**

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