



# MARVELUX<sup>®</sup>

## INTERIOR/EXTERIOR SEMI-GLOSS ENAMEL

### 417

#### Features

- Excellent hiding
- Exceptional gloss retention
- Excellent color retention
- Mildew resistant
- Fast, simple clean up with warm soapy water
- 100% Acrylic

#### General Description

A professional quality interior/exterior 100% acrylic latex semi-gloss house and trim paint, ideal for surfaces where durability is critical.

#### Recommended For

- For commercial and residential applications
- Recommended for wood siding, trim, shakes and shingles; hardboard, aluminum, and vinyl siding; stucco, cinder block and unglazed brick, and primed metal.

#### Limitations

- Do not apply when air and surface temperatures are below 40 °F (4.4 °C)

#### Product Information

##### Colors — Standard:

White (01)

(May be tinted with up to 2.0 fl. oz. of Benjamin Moore<sup>®</sup> Color Preview<sup>®</sup> colorants per gallon.)

##### — Tint Bases:

Benjamin Moore<sup>®</sup> Color Preview<sup>®</sup> base 1B

##### — 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	YES
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](http://www.benjaminmoore.com)

##### Technical Data

##### Pastel Base

Vehicle Type	100% Acrylic	
Pigment Type	Titanium Dioxide	
Volume Solids	30 ± 2%	
Coverage per Gallon at Recommended Film Thickness	400 – 475 Sq. Ft.	
Recommended Film Thickness	– Wet	3.4 – 4.0 mils
	– Dry	1.1 – 1.2 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	1 Hour
	– To Recoat	4 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries By	Evaporation, Coalescence	
Viscosity	85 ± 4 KU	
Flash Point	None	
Gloss / Sheen	45 – 60 @ 60°	
Surface Temperature at Application	– Min.	40 °F
	– Max.	100 °F
Thin With	Clean Water	
Clean Up Thinner	Clean Water	
Weight Per Gallon	10.1 lbs	
Storage Temperature	– Min.	40 °F
	– Max.	90 °F

##### Volatile Organic Compounds (VOC)

123 Grams/Liter    1.02 Lbs./Gallon

## Surface Preparation

Surfaces must be clean, dry and free of oil, grease, wax, rust, mildew, chalk and loose or scaling paint. Cement based water proofing paints should be removed. Glossy surfaces must be dulled. Un-weathered areas such as eaves, porch ceilings, overhangs and protected wall areas should be washed with a Benjamin Moore® Clean (N318) and rinsed with a strong stream of water from a garden hose or power washer to remove contaminants that can interfere with proper adhesion. Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (N318) prior to coating the surface. **Caution:** Refer to the (N318) Clean technical data and material safety data sheets for instructions on its proper use and handling.

All new masonry surfaces must be power washed or brushed thoroughly with stiff fiber bristles to remove loose particles. New masonry substrates must be allowed to cure for 30 days before priming or painting. 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.

**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, 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).

## Interior 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. Consult your retailer or a Benjamin Moore® representative.

### Wood, and Engineered Wood Products:

**Primer:** Fresh Start® High-Hiding All Purpose Primer (046)  
**Finish:** 1 or 2 coats of Marvelux® (417)

### Bleeding Type Woods, (Redwood and Cedar):

**Primer:** Fresh Start® Undercoater and Primer/Sealer (032)  
**Finish:** 1 or 2 coats of Marvelux® (417)

### Drywall:

**Primer:** Super Hide® Zero VOC Interior Primer (354) or Ultra Spec® 500 Interior Latex Primer (N534)  
**Finish:** 1 or 2 coats of Marvelux® (417)

### Plaster:

**Primer:** Fresh Start® High-Hiding All Purpose Primer (046)  
**Finish:** 1 or 2 coats of Marvelux® (417)

### Smooth Poured or Precast Concrete:

**Primer:** Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608)  
**Finish:** 1 or 2 coats of Marvelux® (417)

### Rough or Pitted Masonry:

**Primer:** Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571)  
**Finish:** 1 or 2 coats of Marvelux® (417)

### 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 of Marvelux® (417)

**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 of Marvelux® (417)

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

## Exterior 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® High-Hiding All Purpose Primer (046)  
**Finish:** 1 or 2 coats of Marvelux® (417)

### Bleeding Type Woods, (Redwood and Cedar):

**Primer:** Fresh Start® Deck & Siding Primer (094) or 1-2 coats of Fresh Start® High-Hiding All Purpose Primer (046) may be used  
**Finish:** 1 or 2 coats of Marvelux® (417)

### Hardboard Siding, Bare or Factory Primed:

**Primer:** Fresh Start® Deck & Siding Primer (094) or Fresh Start® High-Hiding All Purpose Primer (046)  
**Finish:** 1 or 2 coats of Marvelux® (417)

### Vinyl Siding & Vinyl Composite:

**Note: Do not paint vinyl siding or trim darker than the original color.**  
**Primer:** Fresh Start® High-Hiding All Purpose Primer (046)  
**Finish:** 1 or 2 coats of Marvelux® (417)

## Application

Stir thoroughly before and during use. Apply one or two coats. **Paint Application:** For best results, use a premium Benjamin Moore® custom-blended nylon/polyester brush, premium Benjamin Moore® roller, or a similar product. Apply paint generously from unpainted area into wet area. This product can also be sprayed.

**Spray, Airless:** Fluid Pressure — 1,500 to 2,500 PSI;  
Tip — .013–.017 Orifice

## Thinning/Clean up

**Clean Up:** Clean up with warm soapy water. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

**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. Wear an appropriate, properly fitted respirator (NIOSH approved) 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 can expose you to chemicals including Titanium dioxide, which are known to the State of California to cause cancer, and Toluene which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**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.

**IN CASE OF SPILL** – Absorb with inert material and dispose of as specified under “CleanUp”.

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

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