MARVELUX™
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

<table>
<thead>
<tr>
<th>Colors — Standard:</th>
<th>Technical Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>White (01)</td>
<td>Pastel Base</td>
</tr>
<tr>
<td>(May be tinted with up to 2.0 fl. oz. of Benjamin Moore® Color Preview® colorants per gallon.)</td>
<td>Vehicle Type: 100% Acrylic</td>
</tr>
<tr>
<td></td>
<td>Pigment Type: Titanium Dioxide</td>
</tr>
<tr>
<td></td>
<td>Volume Solids: 31.3%</td>
</tr>
<tr>
<td>— Tint Bases:</td>
<td>Coverage per Gallon at Recommended Film Thickness: 400 – 475 Sq. Ft.</td>
</tr>
<tr>
<td>Benjamin Moore® Color Preview® bases 1B, 2B, 3B, &amp; 4B</td>
<td>Recommended Film Thickness:</td>
</tr>
<tr>
<td>— Special Colors:</td>
<td>– Wet: 3.4 mils</td>
</tr>
<tr>
<td>Contact your Benjamin Moore representative</td>
<td>– Dry: 1.1 mils</td>
</tr>
</tbody>
</table>

Certifications & Qualifications:

<table>
<thead>
<tr>
<th>VOC REGION</th>
<th>COMPLIANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEDERAL</td>
<td>YES</td>
</tr>
<tr>
<td>OTC</td>
<td>YES</td>
</tr>
<tr>
<td>OTCII</td>
<td>NO</td>
</tr>
<tr>
<td>CARB</td>
<td>YES</td>
</tr>
<tr>
<td>CARB07</td>
<td>NO</td>
</tr>
<tr>
<td>UTAH</td>
<td>NO</td>
</tr>
<tr>
<td>AZMC</td>
<td>YES</td>
</tr>
<tr>
<td>SCAQMD</td>
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</tr>
</tbody>
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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

© Reported values are for Pastel Base. Contact Benjamin Moore for values of other bases or colors.
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 fine sandpaper or a synthetic surface preparation. Metal surfaces that will be subject to abrasion should be dulled with a synthetic steel wool pad 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, clayon 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. If you scrape, sand or remove old paint, wash thoroughly with 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.

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® Multi-Purpose Latex Primer (N023) or 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® Exterior Wood Primer (094) or 1-2 coats of Fresh Start® High-Hiding All Purpose Primer (046)
Finish: 1 or 2 coats of Marvelux® (417)

Hardboard Siding, Bare or Factory Primed:

Primer: Fresh Start® Fast Dry Alkyd Primer (094) or Fresh Start® 100% Acrylic Superior 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® Multi-Purpose Latex Primer (N023)
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 — .019 – .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 Cancer and Reproductive Harm— 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.