TECHNICAL DATA SHEET

INTERIOR SEMI-GLOSS ENAMEL PAINT
NO. 3050 ULTRA PURE WHITE®

PRODUCT INFORMATION

BEHR PREMIUM PLUS® Interior Semi-Gloss Enamel Paint is a 100% acrylic paint & primer in one that contains an antimicrobial agent to help protect the surface of the paint film from mold and mildew. This finish resists stains, moisture and wear, provides exceptional durability, hide, and a radiant, sleek appearance. Low odor formula.

RECOMMENDED USES:

Use over properly prepared and primed or previously painted interior substrates such as:
- Concrete
- Concrete Block/CMU
- Drywall/Gypsum Board
- Wood
- Aluminum
- Other Non-Ferrous Metal
- Brick
- Ferrous Metals
- Plaster
- Galvanized Steel
- Architectural Plastics

PRODUCT SPECIFICATIONS:

**Tint Bases/Max Tint Load:**
- No. 3050 Ultra Pure White 128 fl oz / 2 fl oz
- No. 3400 Medium Base 120 fl oz / 10 fl oz
- No. 3300 Deep Base 116 fl oz / 14 fl oz

**Pre-mixed colors:**
- No. 3012 Swiss Coffee
- No. 3052 White

**Gloss:** 35-50 @ 60°

**Resin Type:** 100% Acrylic

**Weight per Gallon:** 10.5 lb

**% Solids by Volume:** 35% ± 2%

**% Solids by Weight:** 48% ± 2%

**VOC:** <5 g/L

**ZERO VOC**
- This product, like most Zero VOC paints, emits very low amounts of VOCs.
- Most emissions occur during painting and for 48 hours after. Some continue for two weeks or longer.
- While VOC emissions are very low, sensitive groups such as babies and asthma/allergy sufferers should minimize exposure.

**Flash Point:** N/A

**Viscosity:** 100-110 KU

**Recommended Film Thickness:**
- Wet: 6.4 mils / Dry: 2.2 mils @ 250 sq ft/gal
- Wet: 4.0 mils / Dry: 1.4 mils @ 400 sq ft/gal

**Coverage:** 250-400 sq ft/gal depending on application method and substrate porosity. Does not include the loss of material from spraying.

APPLICATION:

**Brush:** Nylon/polyester

**Roller:** 3/8” – 3/4” nap roller cover, depending on surface texture

**Airless Spray:**
- **Tip:** .015”–.019”
- **Filter:** 60 mesh
- **Fluid Pressure:** 1,400 – 2,400 psi

**Thinning:** Do not thin if using a roller or brush; however, if using a sprayer and thinning is required, thin with water at a rate of no more than 1/2 pint per gallon.

**Dry Time:**
- **@ 77°F & 50% RH**
- **To Touch:** 1 hour
- **To Recoat:** 2 hours

**Full Cure:** 4 weeks

Dry times are temperature, humidity, and film thickness dependent.

SURFACE PREPARATION:

All surfaces must be clean, free of dust, chalk, oil, grease, wax, polish, mild and mildew stains, loose and peeling paint, rust and all other foreign substances.

**New Drywall:**
- All drywall surfaces should be sufficiently sanded smooth. Remove any remaining drywall dust prior to priming. Allow all drywall compounds to be completely dry prior to coating.

**New Wood:**
- Remove mill glaze with sandpaper or use a product such as BEHR PREMIUM® All-In-One Wood Cleaner No. 63 to open the pores of the wood and follow all label instructions. For severe stains caused by mold, mildew, algae and fungus, apply a mildew stain removing product. Set nails and fill holes, scratches, and gouges with the appropriate wood filler and let dry completely. Remove all dust with a wiping cloth. Fill all gaps with a 100% acrylic, siliconized, paintable caulking and allow to dry completely. Patched and filled surfaces should be sanded smooth and dusted clean prior to coating.

**SHOP-PRIMED STEEL:**
- Minimum surface preparation is Hand Tool Cleaning in accordance with SSPC-SP2. Remove all oil and grease from the surface with a solvent in accordance with SSPC-SP1. For optimal performance, use Commercial Blast Cleaning in accordance with SSPC-SP6. Prime the area with a rust-inhibitive primer the same day as cleaned.

**NEW MASONRY:**
- For new masonry surfaces, use Hand Tool Cleaning in accordance with SSPC-SP2. Prime the area with a rust-inhibitive primer the same day as cleaned.

**PAINTED SURFACES:**
- All painted surfaces should be thoroughly cleaned and primed. Remove oil, grease, dust, and other foreign substances.

**SHOP-PRIMED STEEL:**
- Condition: Painted surfaces must be free of all loose and peeling paint, rust and all other foreign substances.

**SHOP-PRIMED MASONRY:**
- Condition: Painted surfaces must be free of all loose and peeling paint, rust and all other foreign substances.

This coating conforms to USDA regulatory requirements for incidental food-contact materials intended for use on surfaces not in direct contact with food, such as walls, floors and ceilings.

**GREENGUARD**
- This coating conforms to GREENGUARD for incidental food-contact materials intended for use on surfaces not in direct contact with food, such as walls, floors and ceilings.

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of subsequent coatings. Review all coatings intended for the project and confirm the compatibility between shop and field-applied coatings.

**Aluminum:** Remove all oil and grease from the surface with a solvent in accordance with SSPC-SP1. Prime the area the same day as cleaned.

**Stain-Blocking:** After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, primer may need a longer dry time before applying topcoat.

**Previously Painted Surfaces:** Remove all loose and peeling paint and all other foreign substances. Clean any dirt and grease by scrubbing the surface with a detergent and water solution, followed by a thorough rinsing with clean water. Set nails and fill holes, scratches, and gouges with the appropriate wood filler and let dry completely. Remove all dust with a tack or wiping cloth. Fill all gaps with a 100% acrylic, siliconized, paintable caulking, and allow to completely dry prior to coating.

**Glossy Surfaces:** For maximum adhesion, sand the surface thoroughly before coating.

**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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to clean water. Set nails and fill holes, scratches, and gouges with the appropriate wood filler and let dry completely. Remove all dust with a tack or wiping cloth. Fill all gaps with a 100% acrylic, siliconized, paintable caulking, and allow to completely dry prior to coating.

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**SYSTEM RECOMMENDATIONS:**

Although BEHR PREMIUM PLUS® is a paint & primer in one (self-priming - first coat is the primer and the second coat is the finish) over most properly prepared surfaces, it is recommended for optimum performance to follow the primer recommendations provided below:

**Drywall/Gypsum Wallboard:**
- Self-prime using 2 coats of BEHR PREMIUM PLUS Interior Paint or 1 coat BEHR® Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75 2 coats BEHR PREMIUM PLUS Interior Paint

**Masonry:**
- Self-prime using 2 coats of BEHR PREMIUM PLUS Interior Paint or 1 coat BEHR® Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75 2 coats BEHR PREMIUM PLUS Interior Paint

**Plaster:**
- Self-prime using 2 coats of BEHR PREMIUM PLUS Interior Paint or 1 coat BEHR® Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75 2 coats BEHR PREMIUM PLUS Interior Paint

**Wood:**
- Self-prime using 2 coats of BEHR PREMIUM PLUS Interior Paint or 1 coat BEHR® Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75 2 coats BEHR PREMIUM PLUS Interior Paint

**Stain-Blocking:**
- 1 coat BEHR® Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75 or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436 2 coats BEHR PREMIUM PLUS Interior Paint

**Ferrous and Non-Ferrous Metals:**
- 1 coat BEHR Interior/Exterior Metal Primer No. 435 (recommended for optimal corrosion resistance or when priming over sound rusty metal surfaces) or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436 2 coats BEHR PREMIUM PLUS Interior Paint

**PERFORMANCE DATA:**

**Scrubbability:**
ASTM D2486 Scrub > 2000 (no shim)

**Flexibility:**
ASTM D522, method B - Pass

**CLEAN-UP/DISPOSAL:**

Clean all tools and equipment with warm, soapy water. Do not dispose of this product down a drain. If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations. For recycling or disposal of empty containers, unused product and soiled rags, contact your household refuse collection service.

**CAUTIONS/LIMITATIONS:**

- Protect from freezing.
- Do not use on floors.
- For best results, apply when air, material and surface temperatures are between 50°F and 90°F. Temperatures above 90°F can cause the paint to dry too fast, whereas temperatures below 50°F can inhibit proper film formation.
- Allow 4 weeks before washing or cleaning for full cure.
- Shelf life under normal conditions is 2 years unopened.

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