



**INTERIOR/EXTERIOR URETHANE ALKYD SEMI-GLOSS ENAMEL**  
**NO. 3900 WHITE**



**PRODUCT INFORMATION**

BEHR® Interior/Exterior Urethane Alkyd Semi-Gloss Enamel provides the performance and durability of a traditional oil-based paint with the ease of use and convenience of a water-based paint. This professional quality finish offers excellent flow and leveling with easy water clean-up.

**RECOMMENDED USES:**

Ideal for properly prepared coated and uncoated interior & exterior substrates such as:

- Drywall/Gypsum Board
- Plaster
- Stucco
- Concrete
- Masonry
- Brick
- Concrete Masonry Units
- Wood
- Engineered Wood
- Steel
- Galvanized Steel
- Aluminum
- Other Ferrous Metals
- Other Non-Ferrous Metals
- Architectural Plastics

**PRODUCT SPECIFICATIONS:**

**Tint Bases/Max Tint Load:**

- No. 3900-N White 126 fl oz / 4 fl oz
- No. 3930 Deep Base 116 fl oz / 14 fl oz

**Gloss:** 45-60 @ 60° after 14 day cure

**Resin Type:** Urethane Alkyd

**Weight per Gallon:** 10.8 lb

**% Solids by Volume:** 39% ± 2%

**% Solids by Weight:** 51% ± 2%

**VOC:** < 50 g/L

**Flash Point:** N/A

**Viscosity:** 90-100 KU

**Recommended Film Thickness:**

- Wet: 4.5 mils / Dry: 1.8 mils @ 350 sq ft/gal
- Wet: 3.0 mils / Dry: 1.2 mils @ 550 sq ft/gal

**Coverage:** 500-550 sq ft/gal for primed, smooth surfaces and 350-400 sq ft/gal for primed, rough surfaces depending on application method and substrate porosity. Does not include the loss of material from spraying.

**APPLICATION:**

**Brush:** High quality synthetic brush

**Roller:** 1/4" - 3/8" nap roller cover, depending on surface texture

**Airless Spray:**

- Tip:** .013" - .017"
- Filter:** 60 mesh
- Fluid Pressure:** 1,400 - 2,400 psi

**Thinning:** DO NOT THIN

**Dry Time:** @ 77°F & 50% RH

- To Touch:** 2-4 hours
- To Recoat:** 4-8 hours
- Full Cure:** 7 days

Dry times are temperature, humidity and film thickness dependent. Darker colors may require additional dry time between coats.

**SURFACE PREPARATION:**

All surfaces must be clean, free of dust, chalk, oil, grease, wax, polish, mold 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. **WARNING!** Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

**New Masonry:** The pH must be 10 or lower prior to coating. Smooth masonry may require an adequate profile for adhesion. For all other smooth trowel concrete, create an adequate profile for adhesion using a product such as muriatic acid etcher or with mechanical means. Remove all loose aggregate and debris. Prime with an alkali-resistant primer.

**New Plaster:** New plaster should be thoroughly dried out and cured for a minimum of 30 days before painting. When cured, clean using a mixed solution of one part vinegar and one part water to remove efflorescence and neutralize. Prime with an alkali-resistant primer.

**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.

COMPLIES WITH THE BELOW AS OF 7/1/2019			
SCAQMD	YES	AIM	YES
CARB SCM 2007	YES	LEED v.4 <sup>1</sup>	YES
CARB	YES	GREENGUARD	YES
OTC PHASE II	YES	CHPS	YES
OTC	YES	NAHB/ICC NGBS	YES
LADCO	YES		

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.

<sup>1</sup>Please visit [www.usgbc.org/LEED](http://www.usgbc.org/LEED) for additional details.

GREENGUARD is a registered trademark of UL Company.

**Galvanized Steel:** Solvent clean new galvanized metal in accordance with SSPC-SP1 to remove oil and grease from the surface. Pre-treat with a phosphoric acid solution or a commercially-available etching solution. Galvanized metal that has been passivated with chromates or silicates may require brush blasting in accordance with SSPC-SP16 to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning in accordance with SSPC-SP2. Prime the area the same day as cleaned.

**Shop-Primed Steel:** As there is potential for many forms of contamination during storage and transport, a thorough cleaning is always recommended for shop-primed surfaces. Paint exposed areas, i.e., where shop primer is abraded, with the same material as used for shop priming to comply with SSPC-PA 1 for touching up shop-primed surfaces.

**Note:** Assess the integrity of the shop primer prior to application 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 top-coating the entire area. If bleeding continues, a longer dry time of the primer prior to 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.

This information is provided "as is" and no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made with respect to this information or to any product referred to in this information. For SDS or to consult with a Behr Certified Coatings Professional, call 1-800-854-0133 Ext. 2 (U.S.A. only). ©2019 Behr Process Corporation, Santa Ana, CA 92705 U.S.A.





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**Glossy Surfaces:** For maximum adhesion, sand the surface thoroughly to provide a rough surface 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 protect yourself and your family by contacting the National Lead Information Center at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### SYSTEM RECOMMENDATIONS:

#### Drywall/Wallboard:

- 1 coat BEHR® Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75
- 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel

#### Plaster:

- 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 (recommended for surfaces with pH level of up to 13)
- 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel

#### Masonry: Concrete, Cement, Brick, Stucco, EIFS:

- 1 coat BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
- 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel

#### Concrete Masonry Units: Concrete Block, Cinder Block, Split-Face Block:

- 1 coat BEHR DRYPLUS® Masonry Waterproofing No. 875
- 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel

#### Fiber-Cement:

- 1 coat BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
- 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel

#### Wood:

- 1 coat BEHR Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75 (interior only) or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436 (recommended for tannin-rich woods)
- 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel

#### Ferrous Metal:

- 1 coat BEHR Interior/Exterior Metal Primer No. 435 (recommended for optimal corrosion resistance) or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
- 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel

#### Non-Ferrous Metal:

- 1 coat BEHR Interior/Exterior Metal Primer No. 435 (recommended for optimal corrosion resistance) or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
- 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel

#### Vinyl, PVC, Fiberglass, Architectural Plastics:

- 1 coat BEHR Interior/Exterior Bonding Primer No. 432 or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
  - 2 coats BEHR Urethane Alkyd Interior/Exterior Enamel
- Note: Do not paint vinyl with a color darker than the original to prevent potential warping due to heat absorption. For other plastic composites, dark colors should be applied with caution where the surface may be exposed to sunlight which may cause distortion of the plastic.

### 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.
- For above-grade surfaces only.
- Do not use on floors.
- For best results, apply when air, material and surface temperatures are between 50°F and 90°F. Do not apply in direct sunlight. Temperatures above 90°F can cause the paint to dry too fast, whereas temperatures below 50°F can inhibit proper film formation.
- Cover unused product to help prevent skinning.
- Allow 7 days before washing or cleaning for full cure.
- Shelf life under normal conditions is 2 years unopened.

### GENERAL INFORMATION:

**CAUTION IRRITANT** MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapors and spray mist, open windows 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. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use.

**FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

**CAUTION: KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY.**

