INTERIOR/EXTERIOR URETHANE ALKYD SEMI-GLOSS ENAMEL

NO. 3900 WHITE

PRODUCT INFORMATION

BEHR PREMIUM® 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 outstanding flow & leveling with easy water clean-up.

RECOMMENDED USES:

Ideal for properly prepared and primed 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 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: 14 – 21 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.

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.

Wood: Remove mill glaze with sandpaper or use a product such as BEHR PREMIUM® All-In-One Wood Cleaner No. 63 (exterior only) 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.

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.

COMPLIES WITH THE BELOW AS OF 7/1/2021			
SCAQMD	YES	AIM	YES
CARB SCM 2007	YES	GREENGUARD®#	YES
CARB	YES	LEED® v.4‡	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.

#GREENGUARD is a registered trademark of UL Company
‡Please visit www.usgbc.org/LEED for additional details.

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.

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.

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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 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.

SYSTEM RECOMMENDATIONS:

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

Concrete Masonry Units: Concrete Block, Cinder Block, Split-Face Block
- 1 coat BEHR DRYPLUS® Masonry Waterproofer No. 875
  2 coats BEHR PREMIUM Urethane Alkyd Interior/Exterior Enamel

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

Wood:
- 1 coat BEHR Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75 (interior only), BEHR Interior/Exterior Acrylic-Alkyd Enamel Undercoater No. 437 or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436 (436 and 437 are recommended for tannin-rich woods)
  2 coats BEHR PREMIUM 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 PREMIUM 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 PREMIUM 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 PREMIUM 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 30 days before washing or cleaning for full cure.
- Shelf life under normal conditions is two years unopened.

GENERAL INFORMATION:

WARNING IRRITANT CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. CONTAINS: DIURON, SODIUM LAURETH SULFATE, CRYSTALLINE SILICA AND TITNAIUM DIOXIDE. Avoid contact with skin and eyes and avoid breathing vapors, spray mist and sanding dust. Sanding, grinding or abrading may release sanding dust, which may be harmful if inhaled and has been shown to cause lung damage or cancer with long term exposure. Do not breathe dusts, vapor, or spray mist. To avoid breathing in dust, vapors, and spray mist, open windows and doors or use other means to ensure fresh air entry during application, drying, sanding, and/or abrading. If properly used, a respirator (NIOSH approved with particulate pre-filter) may offer additional protection and should be used if adequate ventilation cannot be provided; obtain professional advice before using. If you experience eye watering, headaches, or dizziness during application or drying, increase fresh air or leave the area. 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 experience, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 20 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY.

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