OIL-BASE INTERIOR/EXTERIOR SEMI-GLOSS ENAMEL

NO. 3800 WHITE

PRODUCT INFORMATION

BEHR PREMIUM® Oil-Base Interior/Exterior Semi-Gloss Enamel provides excellent flow & leveling and dries to a hard, durable finish. It provides easy stain removal and helps to protect against household chemicals. It is ideal for use on doors, trim, molding and cabinetry.

RECOMMENDED USES:

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

- Concrete
- Concrete Block/CMU
- Cement Board Siding
- Brick
- Stucco
- Plaster
- Wood
- Plywood
- Ferrous Metals
- Non-Ferrous Metals

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:
No. 3800 White 126 oz / 4 oz
No. 3830 Deep Base 116 oz / 14 oz

Gloss: 45 – 55 @ 60° after 14 day cure

Resin Type: Alkyd

Weight per Gallon: 10.64 lb

% Solids by Volume: 54% ± 2%

% Solids by Weight: 71% ± 2%

VOC: < 380 g/L

Flash Point: 104°F

Viscosity: 95 – 105 KU

Recommended Film Thickness:
Smooth Surfaces:
Wet: 3.2 / Dry: 1.7 mils @ 500 sq ft/gal
Wet: 2.9 / Dry: 1.5 mils @ 550 sq ft/gal

Rough Surfaces:
Wet: 4.6 / Dry: 2.4 mils @ 350 sq ft/gal
Wet: 4.0 / Dry: 2.1 mils @ 400 sq ft/gal

Coverage: 500 – 550 sq ft/gal for primed, smooth surfaces; 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: Natural Bristle
Roller:
Smooth Surface: 1/4" – 3/8" nap
Rough Surface: 3/8" – 1/2" nap
Airless Spray: At packaged consistency
Tip: .013" – .015"
Filter: 60 mesh
Thinning: DO NOT THIN. Product is formulated for use at package consistency.

Dry Time: @ 77° & 50% RH
To Touch: 2 – 3 hours
To Recoat: 24 hours
Full Cure: 14 – 21 days
Use adequate ventilation during application & drying process.

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 patching material 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.

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.

COMPLIES WITH THE BELOW AS OF 2/1/2024			
SCAQMD	NO	LADCO	NO
CARB SCM 2007	NO	AIM	YES
OTC PHASE II	NO	MPI#	47, 81
OTC	NO		

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.

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.

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.

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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 patching material 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® Interior/Exterior Oil-Base Semi-Gloss 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 Interior/Exterior Oil-Base Semi-Gloss Enamel

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

- 1 coat BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
  2 coats BEHR PREMIUM Interior/Exterior Oil-Base Semi-Gloss Enamel

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

- 1 coat BEHR DRYPLUS® Masonry Waterproofer No. 875
  2 coats BEHR PREMIUM Interior/Exterior Oil-Base Semi-Gloss Enamel

Fiber-Cement:

- 1 coat BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
  2 coats BEHR PREMIUM Interior/Exterior Oil-Base Semi-Gloss 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
  2 coats BEHR PREMIUM Oil-Base Interior/Exterior Semi-Gloss 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 Oil-Base Interior/Exterior Semi-Gloss Enamel

Non-Ferrous Metal:

- 1 coat BEHR Interior/Exterior Metal Primer No. 435 or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
  2 coats BEHR PREMIUM Oil-Base Interior/Exterior Semi-Gloss Enamel

CLEAN UP/DISPOSAL:

Clean all tools and equipment with mineral spirits or acetone. **WARNING** Rags, steel wool and waste soaked with this BEHR PREMIUM® OIL-BASE SEMI-GLOSS ENAMEL may spontaneously catch fire if improperly discarded or stored. To avoid a spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container. Do not store unused product inside the home. For disposal guidance, contact your household refuse collection service, fire department, county or state.

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- Do not use on floors.
- For best results, apply at temperatures between 40°F - 90°F. Temperatures above 90°F may affect the application such as drying too fast. Avoid painting in direct sun. NOTE: If the surface is hot to the touch it should be considered too hot to apply this coating.
- Allow 30 days before washing or cleaning for full cure.
- Shelf life under normal conditions is two years unopened.

GENERAL INFORMATION:

DANGER! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. VENTILATION REQUIRED: To avoid inhalation and combustion hazards (see below). Do not use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying. CAUSES EYE, NOSE, THROAT AND SKIN IRRITATION. 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. May affect the brain or nervous system causing dizziness, headache or nausea. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. Follow respirator manufacturer's directions for respirator use. Avoid contact with clothing. Wash thoroughly after handling and before smoking and eating.

NOTICE: Reports have associated repeated or prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. VAPORS MAY CAUSE FLASH FIRE. Keep away from sparks, heat and open flame. Do not smoke. Vapors are heavier than air and can travel at floor level to distant ignition sources. Extinguish all flames, high intensity and pilot lights and other sources of ignition during use and until all vapors are gone. Close container after each use.

FIRST AID: If swallowed, do not induce vomiting. Call a physician immediately. If you have difficulty breathing, leave area to obtain fresh air. If difficulty continues, get medical attention immediately. In case of eye contact, flush immediately with plenty of water for at least 20 minutes and get medical attention. For skin contact, wash thoroughly with soap and water.

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

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