BEHR PREMIUM®

OIL-BASED INTERIOR/EXTERIOR SATIN ENAMEL

BEHR PREMIUM Oil-Based Interior/Exterior Satin Enamel provides excellent flow and 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.

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

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

TECHNICAL DATA

Tint Bases/Max Tint Load:
No. 7800 White 126 fl oz / 4 fl oz
No. 7830 Deep Base 116 fl oz / 14 fl oz

Gloss: 15–25 @ 60° after 14 day cure

Resin Type: Alkyd

Weight per Gallon: 11.5 lb

% Solids by Volume: 53% ± 2%

% Solids by Weight: 73% ± 2%

VOC: < 380 g/L

Flash Point: 104°F

Viscosity: 80–90 KU

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

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

COMPLIANCE & CERTIFICATIONS

Complies with the below as of 6/1/2026

EPA AIM	YES

Class A Fire Rating (Flame Spread Index: 0–25 & Smoke Development Index: 0-450) over non-combustible surfaces when tested in accordance with ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.

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.

SPECIFICATIONS

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

Concrete Masonry Units: Concrete Block, Cinder Block, Split-Face Block:
1 coat BEHR PRO® Block Filler No. PR050 or BEHR DRYPLUS® Masonry Waterproofer No. 875
2 coats BEHR PREMIUM Interior/Exterior Oil-Based Satin Enamel

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

NOTE: Certain substrate and exposure conditions, as well as project requirements, may necessitate the use of other substrate-specific or solution-driven primers. Please consult with a Behr Paint Company representative for specific primer recommendations.

APPLICATION

Brush: Natural Bristle

Roller:
Smooth Surface: ¼"–⅜" nap
Rough Surface: ⅜"–½" nap

Airless Spray:
Tip: .013"–.015"
Filter: 60 mesh

Thinning: DO NOT THIN. Product is formulated for use at package consistency.

Dry Time: @ 77°F & 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. 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.

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. Contact Lead Information Center at 1-800-424-LEAD or log on to www.epa.gov/lead.

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-BASED 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.
- As with most alkyd/oil-based paints, BEHR PREMIUM Oil-Based Enamel is prone to yellowing when used indoors. especially in areas with little light or where ammonia-based products—like latex paint or cleaners—are used. This is more noticeable in white and light colors.

HEALTH & SAFETY 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.