



BEHR PREMIUM® COMPLETE COAT®

INTERIOR/EXTERIOR GRAY PRIMER

BEHR PREMIUM® COMPLETE COAT® Gray Primer blocks medium to heavy stains and has excellent adhesion to multiple substrates. It offers corrosion and rust resistant properties to ferrous and non-ferrous metals. This product also provides a high-hide, mildew-resistant primer film with quick recoat time and can be applied to masonry surfaces with a pH level up to 13.

This all-in-one, primer and sealer, is recommended for use with all BEHR PREMIUM® Complete Coat® Paint & Primer products. Use over properly prepared uncoated and previously painted interior and exterior surfaces such as:

- Masonry
- Concrete/Tilt-Up
- Drywall/Gypsum Board
- Non-Ferrous Metals
- Wood
- Aluminum
- Stucco
- Concrete Block/CMU
- Architectural Plastics
- Ferrous Metals
- Fiberglass
- Galvanized Metal
- Plaster
- Fiber Cement
- Vinyl/PVC
- Engineered Wood
- Brick

TECHNICAL DATA

No. B0314 32 fl oz

Resin Type: Acrylic

Weight per Gallon: 10.9 lb

% Solids by Volume: 42% ± 2%

% Solids by Weight: 56% ± 2%

VOC: < 50 g/L

Flash Point: N/A

Viscosity: 98–108 KU

Recommended Film Thickness:

Wet: 6.4 mils / Dry: 2.9 mils @ 250 sq ft/gal

Wet: 4.0 mils / Dry: 1.8 mils @ 400 sq ft/gal

Coverage: 75–100 sq ft/quart depending on application method and substrate porosity.

COMPLIANCE & CERTIFICATIONS

Complies with the below as of 11/1/2025

SCAQMD	YES	OTC	YES
CARB SCM 2020	YES	LADCO	YES
CARB SCM 2007	YES	EPA AIM	YES
OTC Phase II	YES		

PERFORMANCE DATA

Scrubability:

ASTM D2486 Scrub > 2500 (no shim)

Biological Growth:

ASTM D3273 - Pass

Accelerated Weathering:

ASTM D4587–500 hrs - Pass

Flexibility:

ASTM D522, method B - Pass

SPECIFICATIONS

Drywall/Gypsum Wallboard:

1 coat BEHR PREMIUM Complete Coat Gray Primer

No. B0314

2 coats BEHR PREMIUM® Complete Coat® Paint & Primer

Wood:

1 coat BEHR PREMIUM Complete Coat Gray Primer

No. B0314

2 coats BEHR PREMIUM Complete Coat Paint & Primer

Masonry: Concrete, Cement, Brick, Stucco, EIFS

1 coat BEHR PREMIUM Complete Coat Gray Primer

No. B0314

2 coats BEHR PREMIUM Complete Coat Paint & Primer

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

1 coat BEHR PREMIUM Complete Coat Gray Primer

No. B0314

2 coats BEHR PREMIUM Complete Coat Paint & Primer

Fiber-Cement

1 coat BEHR PREMIUM Complete Coat Gray Primer

No. B0314

2 coats BEHR PREMIUM Complete Coat Paint & Primer

Ferrous and Non-Ferrous Metals:

1 coat BEHR PREMIUM Complete Coat Gray Primer

No. B0314

2 coats BEHR PREMIUM Complete Coat Paint & Primer

Vinyl, PVC, Fiberglass, Architectural Plastics

1 coat BEHR PREMIUM Complete Coat Gray Primer

No. B0314

2 coats BEHR PREMIUM Complete Coat Paint & Primer

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: Nylon/polyester

Roller: ¾"–¾" nap roller cover, depending on surface texture

Airless Spray:

Tip: .015"–.021"

Filter: 60 mesh

Fluid pressure: 1,800–2,500 psi

Thinning: Do not thin if using a roller or brush; 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, 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.

Weathered-Wood Surfaces: To remove loose wood fibers, latex, oil-based and 100% acrylic coatings on new or weathered wood decks, siding, fences, shakes and shingles, use a product such as BEHR PREMIUM Wood Stain & Finish Stripper No. 64 and follow all label instructions. Use a product such as BEHR PREMIUM All-In-One Wood Cleaner No. 63 and follow all label instructions to clean and brighten the wood surface and to remove light to medium stains caused by mold, mildew, algae and fungus.

Masonry: Allow to cure for 30 days. Remove bond breakers and all form release and curing agents. Smooth masonry may require an adequate profile for adhesion. Remove all loose aggregate and debris. If painting cannot wait 30 days, allow the surface to cure 7 days before priming.

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.

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 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 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. 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 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 35°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 35°F can inhibit proper film formation.

- Surface temperature during application should be at least 5°F above dew point.

- Application of coating when the relative humidity is above 85% will adversely affect coating performance.

- Topcoat within 30 days.

- Shelf life under normal conditions is two years unopened.

HEALTH & SAFETY INFORMATION

WARNING! IRRITANT. CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT

IRRITATION. Avoid contact with skin and eyes. Do not breathe dusts, vapor, or spray mist. 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. 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. 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 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.