



BEHR PREMIUM®

EXTERIOR HIGH BUILD FLAT COATING NO. 4700

BEHR PREMIUM® Exterior High Build Flat Coating is a flexible, long-lasting waterproof smooth coating that withstands wind-driven rain up to 98 mph. It is self-priming on properly prepared concrete and masonry surfaces and can be applied directly to "HOT" masonry with a pH of up to 13, without requiring a 30-day cure or primer. This coating also provides a breathable film, delivers a high-build coating for maximum film build and provides an elongation up to 350%. It is recommended for use on stucco, masonry, concrete, concrete block or brick as well as adjacent wood and metal surfaces.

Use over properly prepared coated and uncoated substrates such as:

- Concrete
- CMU
- Fiber Cement
- Stucco
- EIFS
- Brick
- Tilt-Up, Precast and Poured-in-Place Concrete

PRODUCT SPECIFICATIONS

Tint Bases/Max Tint Load:

No. 4700 White 124 fl oz. / 6 fl oz.

Sheen: Flat 0 – 5 @ 85°

Resin Type: 100% Acrylic

Weight per Gallon: 12.0 lb

% Solids by Volume: 50% ± 2%

% Solids by Weight: 64% ± 2%

VOC: < 50 g/L

Flash Point: N/A

Viscosity: 125 – 140 KU

Recommended Film Thickness Per Coat (2 coats required):

Wet Film: 12.8 mils / Dry: 6.4 mils @ 125 sq ft/gal

Wet Film: 16.0 mils / Dry: 8.0 mils @ 100 sq ft/gal

Coverage: 100 – 125 sq ft/gallon depending on application method and substrate porosity. Does not include the loss of material from spraying.

COMPLIANCE & CERTIFICATIONS

Complies with the below as of 6/1/2025

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

PERFORMANCE DATA

Accelerated Weathering:

Test Method: ASTM D4587, 500 hours

Result: Pass

Adhesion:

Test Method: ASTM D4541

Result: > 700 PSI (concrete)

Elongation:

Test Method: ASTM D412, Test Method A

Result: Up to 350% Elongation

Flexibility:

Test Method: ASTM D522, 180° bend, 1/8" mandrel

Result: Pass

Mold & Mildew Resistance:

Test Method: ASTM D3273

Result: Pass

Water Vapor Permeability:

Test Method: ASTM D1653, Test Method B, Condition A

Result: > 20 US Perms

Wind Driven Rain Resistance:

Test Method: ASTM D6904 (TT-C-555B) at 98mph

Result: Pass

SYSTEM RECOMMENDATIONS

Wood:

1 coat BEHR® Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436

2 coats BEHR PREMIUM® Exterior High Build Coating

Ferrous/ Non-Ferrous Metal

1 coat BEHR Interior/Exterior Metal Primer No. 435 (recommended for optimal corrosion resistance or when priming over sound rusty metal surfaces) or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436

2 coats BEHR PREMIUM Exterior High Build Coating

Masonry: Concrete, Brick, Stucco, EIFS

2 coats BEHR PREMIUM Exterior High Build Coating

Or

1 coat BEHR® Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436

2 coats BEHR PREMIUM Exterior High Build Coating

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

2 coats BEHR PREMIUM Exterior High Build Coating

Or

1 coat BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436

2 coats BEHR PREMIUM Exterior High Build Coating

NOTE: Other primers may also be suitable. Please consult with a Behr Paint Company representative for specific primer recommendations.

APPLICATION

Brush: Nylon/polyester blend

Roller: ¾" – 1 ¼" nap

Airless Spray:

Tip: .025" – .029"

Filter: Remove

Thinning: Not recommended. Product is formulated for use at package consistency only

Dry Time: @ 77°F & 50% RH

To Touch: 4 – 6 hours

To Recoat: 8 hours

Full Cure: 7 – 14 days

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, loose and peeling paint, rust, and all other foreign substances.

When measured with an electronic moisture meter, maximum moisture content of substrates is as follows:

- Concrete & Masonry: 12%
- Concrete Masonry Units (CMUs): 12%
- Wood: 15%

Concrete & Masonry (Stucco, Precast Concrete, Poured-In-Place Concrete, Portland-Based Cement, Fiber Cement):

Remove release agents, curing compounds, efflorescence, and chalk. Avoid painting surfaces if moisture content or alkalinity exceeds manufacturer's guidelines. For smooth trowel concrete, ensure an adequate adhesion profile using products like muriatic acid etcher or mechanical methods. Clear all loose aggregate and debris. For tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be needed for surface preparation. Fill bug holes, air pockets, and other voids with a cement patching compound.

Concrete Masonry Units (Concrete Block, Cinder Block, Split-Faced Block): Remove efflorescence and chalk. Avoid painting surfaces if moisture content or alkalinity exceeds manufacturer's guidelines.

Wood: Scrape and clean knots. Before applying primer, apply a coat of knot sealer recommended for exterior use in. Sand surfaces that will be visible and remove dust. Prime edges, ends, faces, undersides, and backsides of the wood. After priming, fill holes and imperfections with an appropriate patching material. Sand patched and filled surfaces smooth and remove dust before coating.

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 such as BEHR® Interior/Exterior Metal Primer No. 435 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.

Galvanized Steel: Solvent clean new galvanized metal in accordance with SSPC-SP1 to remove oil and grease from the surface. 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 with BEHR® Interior/Exterior Metal Primer No. 435 or BEHR® Interior/Exterior Multi-Surface Stain-Blocking Primer/Sealer No. 436 the same day as cleaned.

Aluminum: Remove all oil and grease from the surface with a solvent in accordance with SSPC-SP1. Prime the area with BEHR Interior/Exterior Metal Primer No. 435 or BEHR Interior/Exterior Multi-Surface Stain-Blocking Primer/Sealer No. 436 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 may be needed before topcoating.

Previously Painted Surfaces: Maintenance painting often doesn't require complete removal of all old coatings before repainting. However, all contaminants such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, efflorescence, and sealers must be removed to ensure strong adhesion to the existing paint. Glossy surfaces of old paint films must be clean and dull before repainting. Spot-prime any bare areas with an appropriate primer.

Understand that surface preparation short of completely removing the old coating may affect the system's longevity. Test compatibility by applying a test patch of the recommended coating system, covering at least 2 to 3 square feet. Allow the surface to dry for one week before testing adhesion according to ASTM D3359. If the coating system is incompatible, complete removal is necessary.

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

- This product is also suitable for application on adjacent wood and metal surfaces with suitable primer
- Do not use when air and surface temperatures are below 35°F and above 90°F.
- Do not apply to surfaces with excessive moisture content.
- Do not apply when rain or heavy dew is expected within 24 hours.
- Protect from freezing.
- Do not use on floors.
- Product is not recommended for use on large expanses of wood and metal, e.g. siding, fascia board.
- Allow two weeks before washing or cleaning for full cure.
- 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

