



EXTERIOR FLAT PAINT

NO. 4050 ULTRA PURE WHITE®



PRODUCT INFORMATION

BEHR PREMIUM PLUS® Exterior Flat Paint & Primer in One is a 100% acrylic paint, provides a mildew-resistant finish and is formulated to withstand wear. It resists moisture, fading and stains, and provides excellent durability and hide.

RECOMMENDED USES:

Ideal on exterior surfaces, previously painted or primed, such as:

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

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

- No. 4050 128 oz. / 2 oz.
- No. 4400 120 oz. / 10 oz.
- No. 4300 116 oz. / 14 oz.

Gloss: 0-5 @ 60°

Sheen: 0-5 @ 85°

Resin Type: 100% Acrylic Latex

Weight per Gallon: 11 lbs.

% Solids by Volume: 39.6%

% Solids by Weight: 52.5%

VOC: <50 g/L

Flash Point: N/A

Viscosity: 100-110 KU

Recommended Film Thickness:

- Wet: 6.4 mils / Dry: 2.5 mils @ 250 Sq. Ft./Gal.
- Wet: 4.0 mils / Dry: 1.5 mils @ 400 Sq. Ft./Gal.

Coverage: 250-400 Sq. Ft./Gal. depending on application method and substrate porosity. Does not include the loss of material from spraying.

APPLICATION:

Brush: Nylon/polyester

Roller:

- Smooth Surface:** 3/8" - 1/2" nap
- Rough Surface:** 1/2" - 3/4" nap

Airless Spray: At packaged consistency

Tip: .015" - .021"

Filter: 60 mesh

Thinning: (If required) No more than 1/2 pint of water per gallon.

Dry Time: @ 77° & 50% RH

Longer dry time may be required in cooler temperatures and higher humidity.

To Touch: 1 hour

To Recoat: 2 hours

Full Cure: 4 weeks

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.

New 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. **Previously Painted Drywall:** 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 spackling material. Let dry completely and sand smooth. Remove all dust with a 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 before coating.

New Wood: Remove mill glaze with sand paper. 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 completely dry prior to coating.

Previously Painted Wood: 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

COMPLIES WITH THE BELOW AS OF 1/1/2016

SCAQMD	YES	LEED v.4 [†]	YES
CARB	YES	MPI#	10
OTC	YES	GREENGUARD®††	YES
LADCO	YES	CHPS	YES
AIM	YES	NAHB/ICC NGBS	YES
LEED v.3 (2009) [†]	YES	FLAME SPREAD/CLASS A	YES

[†]Please visit www.usgbc.org/LEED for additional details.

to completely dry prior to coating. **Glossy Surfaces:** For maximum adhesion, sand the surface thoroughly before coating.

Wood: WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

New 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. **Previously Painted Plaster:** 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 spackling material and let dry completely and sand smooth. 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 before coating.

Stainblocking: 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 top-coating.

Masonry: All masonry surfaces must be cured at least 30 days before painting. The pH must be 10.0 or lower prior to coating. Smooth masonry may require an adequate profile for adhesion. For all other smooth trowel concrete, create a profile using a product such as a muriatic acid etcher or with mechanical means. Remove all loose aggregate and debris.





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Metals: Ferrous and Non-Ferrous Metals: All metals should be clean and free of any oils, rust, mill scale or other contaminants. All metals require sufficient "tooth" or profile for optimum adhesion and therefore require some type of sanding, abrasion, or chemical etching.

Oil films: (especially on new or non-ferrous metals) should be removed by scrubbing the surface with a detergent and water solution, and thoroughly rinsed. **Rust and Mill Scale:** Remove all rust and mill scale using sandpaper, steel wool, abrasive blasting, or other abrading methods.

Profile: For best adhesion results, sand all metal surfaces (including new ones) with sandpaper, steel wool, or etch using a product muriatic acid. Clean by scrubbing the surface with a detergent and water solution, followed by a thorough rinsing with clean water. All ferrous metals must be primed the same day it is cleaned to prevent rust.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact the National Lead Information Center at 1-800-424-LEAD or visit www.epa.gov/lead.

RECOMMENDED PRIMER/SYSTEMS:**PROPERLY PREPARED NEW SURFACES:****Wood: Composition Panels/Siding, Fiber Board**

- BEHR PREMIUM PLUS® Interior/Exterior Multi-Surface Primer & Sealer No. 436

Wood: Cedar, Redwood, Shakes & Shingles

- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Tannin/Stainblocking:

- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Masonry: Stucco, Cinder Block, Cut Masonry Unit's (CMUs), Split Face Block

- BEHR PREMIUM Interior/Exterior Basement & Masonry Waterproofer No. 875 (can also be used as a block filler.)
- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Masonry: Cement Composition Panels/Siding, Exterior Insulation and Finish Systems (EIFS) or Synthetic Stucco

- BEHR PREMIUM Interior/Exterior Basement & Masonry Waterproofer No. 875 (can also be used as a block filler.)
- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Masonry with pH Levels up to 13.0:

- BEHR PREMIUM Interior/Exterior Basement & Masonry Waterproofer No. 875
- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Ferrous and Non-Ferrous Metals:

- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

PREVIOUSLY PAINTED SURFACES:

- Use a full coat or spot prime with BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436.

TEST SPECIFICATIONS:**Scrubability:**

ASTM D2486 Scrub > 2500 (no shim)

Biological Growth:

ASTM D3273 (4 weeks) – Pass

Accelerated Weathering:

ASTM D4587, 500 hrs. exposure - Pass

CLEAN UP:

Clean all tools and equipment with clean water. For disposal of empty containers and unused product, contact your household refuse collection service.

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- Do not use on floors.
- For best results, apply at temperatures between 35°F - 90°F. Temperatures above 90°F may affect the application such as drying too fast, whereas temperatures less than 35°F can cause slow drying or prevent proper film formation.
- Avoid heavy traffic for 24 hours.
- Allow four weeks before washing or cleaning for full cure.
- Shelf life under normal conditions is two years unopened.

GENERAL INFORMATION:

Warning! Causes eye and skin irritation. Wear protective clothing, gloves, eye, and face protection. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Dispose of unused contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

First aid: If in eyes: Rinse cautiously with water for several minutes and remove contacts if present and easy to do. Continue rinsing and get medical attention if eye irritation persists. **If on skin:** Wash with plenty of soap and water. **If swallowed:** Rinse mouth and get medical attention if you feel unwell.

