



PRE-CATALYZED WATERBORNE EPOXY SEMI-GLOSS

HP150

PRODUCT INFORMATION

BEHR PRO® PRE-CATALYZED WATERBORNE EPOXY is a single-component interior/exterior acrylic epoxy coating designed for use in residential projects as well as commercial, institutional, and industrial facilities, such as hospitals, schools, and food and beverage processing plants. This product provides exceptional adhesion and resistance to abrasion, stains and most chemicals making it ideal for high maintenance areas subject to frequent cleaning. It exhibits application and appearance characteristics similar to conventional two-component epoxy coatings, but offers the convenience of a single-component and has low odor. This coating is also suitable for exterior use, but with some limitations (see CAUTIONS/LIMITATIONS section). Dried film is mold and mildew resistant*. DO NOT USE ON FLOORS.

RECOMMENDED USES:

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

- Drywall/Gypsum Board
- Plaster
- Stucco
- Concrete
- Masonry
- Brick
- Concrete Masonry Units
- Wood
- Engineered Wood
- Steel
- Galvanized Steel
- Aluminum
- Other Ferrous Metals
- Other Non-Ferrous Metals

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

- No. HP150 White Base 124 fl oz / 4 fl oz
- No. HP153 Deep Base 116 fl oz / 10 fl oz

Gloss: 40 – 50 @ 60°

Resin Type: Acrylic Epoxy

Weight per Gallon: 10.3 lb

% Solids by Volume: 37% ± 2%

% Solids by Weight: 48% ± 2%

VOC: < 50 g/L

Flash Point: N/A

Viscosity: 100 – 110 KU

Recommended Film Thickness:

- Wet: 5.3 mils / Dry: 2.0 mils @ 300 sq ft/gal
- Wet: 4.0 mils / Dry: 1.5 mils @ 400 sq ft/gal

Coverage: 300 – 400 sq ft/gal depending on the surface texture, porosity and application method. Does not include the loss of material from spraying. Film thickness depends on porosity and various substrate irregularities.

APPLICATION:

Brush: Nylon/polyester

Roller: 1/4" – 3/4" nap roller cover, depending on surface texture

Airless Spray:

- Tip: .015" – .021"
- Filter: 60 mesh
- Fluid Pressure: 2,000 – 3,000 psi

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

Dry Time: 77°F & 50% RH

To Touch: 1 hour

To Recoat: 2 hours

Full Cure: 2 weeks

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

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.

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 the area with an alkali-resistant primer.

COMPLIES WITH THE BELOW AS OF 4/1/2021			
SCAQMD	YES	LEED® v.4†	YES
CARB SCM 2007	YES	MPI#	141,147,153
OTC PHASE II	YES	MPI X-GREEN	141,147,153
OTC	YES	GREENGUARD®‡	YES
LADCO	YES	CHPS	YES
AIM	YES	NAHB/ICC NGBS	YES

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.

†Please visit www.usgbc.org/LEED for additional details. ‡GREENGUARD is a registered trademark of UL Company.

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.

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.

This information is provided "as is" and no representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made with respect to this information or to any product referred to in this information. For SDS or to consult with a Behr Paint Company representative, call 1-800-854-0133 Ext. 2 (U.S.A. only). ©2021 Behr Process Corporation, Santa Ana, CA 92705 U.S.A.

*This product contains an antimicrobial agent to protect the surface of the paint film from mold and mildew. This product does not protect users against food-borne (or disease-causing) bacteria.





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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 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. 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 PRO Pre-Catalyzed Waterborne Epoxy

Plaster:

- 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 (recommended for surfaces with pH level of up to 13)
- 2 coats BEHR PRO Pre-Catalyzed Waterborne Epoxy

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

- 1 coat BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
- 2 coats BEHR PRO i300 Interior Eggshell Paint

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

- 1 coat BEHR DRYPLUS® Masonry Waterproofer No. 875
- 2 coats BEHR PRO Pre-Catalyzed Waterborne Epoxy

Fiber-Cement:

- 1 coat BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
- 2 coats BEHR PRO Pre-Catalyzed Waterborne Epoxy

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 PRO Pre-Catalyzed Waterborne Epoxy

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 PRO Pre-Catalyzed Waterborne Epoxy

PERFORMANCE DATA:

Adhesion (ASTM D3359)

Result: 5B

Impact Resistance (ASTM D2794; Forward)

Result: > 100 in-lb

Block Resistance (Laboratory Method)

Result: Pass

Pencil Hardness (ASTM D3363)

Result: 5B

Scrub Resistance (ASTM D2486)

Result: > 500 cycles

Chemical Resistance (ASTM D1308)

Result:

Acid (10% hydrochloric acid, 5% phosphoric acid, 50% sulfuric acid), Alkali (25% sodium hydroxide), Fantastik® Cleaner, Distilled Water (hot and at room temperature), Ethyl Alcohol, Gasoline and Mineral Spirits.....Pass
Xylene..... Limited

Stain Resistance (ASTM D3023)

Result:

Coffee, Crayon, Grape Juice, Mustard and Pencil: Excellent
Red Lipstick and Permanent Ink.....Limited

Note: Test results are based on HP140 White Base. Darker colors require longer cure time for the same level of performance.

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.
- For above-grade surfaces only.
- This paint has limited flexibility over flexible substrates and in areas prone to continual expansion and contraction. Do not use on large expanses of exterior wood surfaces exposed directly to the sun and elements, such as siding and fascia, as well as similar types of dimensionally unstable substrates.
- Always prime over caulked areas prior to applying this paint to help reduce the occurrence of cracking in the dry paint film. Recommended primers: BEHR Kitchen, Bath & Trim Stain-Blocking Primer & Sealer No. 75 (interior only) and BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436.
- Do not use on floors.
- For best results, apply when air, material and surface temperatures are between 50°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 50°F can inhibit proper film formation.
- Allow two weeks for full cure before washing or cleaning.
- Shelf life under normal conditions is two years unopened.



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GENERAL INFORMATION:

WARNING! IRRITANT CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. CONTAINS: CRYSTALLINE SILICA and TITANIUM DIOXIDE. 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. Do not breathe dusts, vapor, or spray mist. 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. Avoid contact with eyes and skin. 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.

CAUTION: KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY.