



INTERIOR/EXTERIOR BONDING PRIMER

NO. 432

PRODUCT INFORMATION

BEHR® Interior/Exterior Bonding Primer is specifically formulated to bond to a variety of ‘tough-to-paint’ surfaces. Its advanced chemistry provides a sound anchor for topcoats while reducing or potentially eliminating the need for sanding dense and glossy surfaces. This product may be used under epoxies, lacquers, products containing xylene or other hot solvents, provided it’s allowed to dry for 24 hours before topcoating and tested for compatibility in an inconspicuous area before full coat application.

RECOMMENDED USES:

This primer securely bonds to hard-to-paint surfaces. Use over properly prepared uncoated or previously painted interior and exterior surfaces such as:

- Concrete
- Concrete Block/CMU
- Fiber Cement
- Brick
- Stucco
- Plaster
- Drywall/Gypsum Board
- Wood
- Engineered Wood
- Wood Composites
- Ferrous Metals
- Non-Ferrous Metals
- Architectural Plastics
- Vinyl/PVC
- Fiberglass
- Chalky Surfaces
- Glazed Tile
- Glass
- Paneling/Laminates
- Galvanized Metal
- Anodized aluminium
- Kynar®
- Factory Finishes
- Stainless Steel

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

No. 432 128 fl oz / 2 fl oz

Resin Type: Acrylic

Weight per Gallon: 11.5 lb

% Solids by Volume: 42% ± 2%

% Solids by Weight: 58% ± 2%

VOC: < 100 g/L

Flash Point: N/A

Viscosity: 93 – 100 KU

Recommended Film Thickness:

Wet: 5.3 mils / Dry: 2.2 mils @ 300 sq ft/gal

Wet: 4.0 mils / Dry: 1.7 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: 3/8" – 3/4" 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; however, 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

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

To Touch: 30 minutes

To Recoat: 1 hour

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, or poorly adhered 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.

COMPLIES WITH THE BELOW AS OF 10/1/2020			
SCAQMD	YES	OTC	YES
CARB SCM 2007	YES	LADCO	YES
CARB	YES	AIM	YES
OTC PHASE II	YES	MPI	17

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.

Masonry (Stucco, Concrete, Concrete Masonry Units (CMUs), Split-Faced Block): All masonry surfaces must be cured at least 30 days before painting. The pH must be 10.0 or lower prior to coating.

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.





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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.

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. Let dry completely and sand smooth. Remove all dust with a tack or wiping cloth. Fill all gaps with a 100% acrylic, silicized, paintable caulking, and allow to completely dry prior to coating.

IMPORTANT NOTE: While BEHR® Interior/Exterior Bonding Primer is formulated to bond without sanding, it is recommended that a small area be tested for adhesion prior to beginning the job.

BEHR Interior/Exterior Bonding Primer is not designed to reattach loose, flaking or peeling paint. Such conditions must be corrected prior to applying this primer.

Applying BEHR Interior/Exterior Bonding Primer to glass will block out light. Dark colors absorb more heat than lighter colors. This added heat causes thermal stress which may affect the glass and can cause it to break.

Due to the diverse composition of plastic substrates, always test a small area for acceptable adhesion. Many types of highly engineered plastics present a challenge with adhesion. Please contact your Behr representative for proper recommendations.

Do not use solvents that contain hydrocarbon such as mineral spirits because they can leave an oily residue. Use a water-based cleaner/degreaser for cleaning the surface

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.

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 50°F and 90°F. Temperatures above 90°F can cause the paint to dry too fast, whereas temperatures below 50°F can inhibit proper film formation.
- Topcoat within 14 days.
- Shelf life under normal conditions is two years unopened.

GENERAL INFORMATION:

WARNING! 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.

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

