



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 lbs

% 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.

APPLICATION:

Brush: Nylon / Polyester

Roller: 3/8" - 3/4" nap

Airless Spray: Fluid pressure of 1,800 - 2,500 psi

Tip: .015" - .021"

Filter: 60 mesh

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.

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.

New Wood: Remove mill glaze with sandpaper or use a product such as BEHR PREMIUM® All-In-One Wood Cleaner No. 63 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.

New 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.

COMPLIES WITH THE BELOW AS OF 4/1/2019			
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.

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.

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.

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.





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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.** Contact the National Lead Information Center at 1-800-424-LEAD or visit www.epa.gov/lead.

CLEAN UP:

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

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- Do not use on floors.
- Do not use when air and surface temperatures are below 50°F or above 90°F.
- Topcoat within 14 days.
- Shelf life under normal conditions is two years unopened.

GENERAL INFORMATION:

WARNING IRRITANT HARMFUL IF SWALLOWED.

AVOID CONTACT WITH EYES. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID BREATHING OF DUST, VAPORS OR SPRAY MIST. USE ONLY WITH ADEQUATE VENTILATION. Open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor / mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH / MSHA TC-23C or equivalent) during and after application. Follow respirator manufacturer's direction for respirator use. Close container after each use. Wash thoroughly after handling and before smoking and eating. **FIRST AID:** If swallowed, do not induce vomiting. Get medical attention immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. In case of eye contact, flush eyes immediately with plenty of water for at least 20 minutes and get medical attention.

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

