



i100 INTERIOR DEAD FLAT WALL AND CEILING PAINT

NO. PR105 WHITE BASE



PRODUCT INFORMATION

BEHR PRO® i100 Interior Dead Flat Wall and Ceiling Paint is specifically formulated for builders, painters and property managers. This high-hiding flat paint provides good touch-up and excellent sheen uniformity when sprayed without back-roll. May also be applied by brush or roller. Back-roll may be required in areas subject to critical light.

RECOMMENDED USES:

Ideal for properly coated and uncoated substrates such as:

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

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

No. PR105 White Base 128 fl oz / 2 fl oz

Gloss: < 2 @ 60°

Sheen: < 2 @ 85°

Resin Type: PVA

Weight per Gallon: 12.0 lb

% Solids by Volume: 29% ± 2%

% Solids by Weight: 51% ± 2%

VOC: < 50 g/L

Flash Point: N/A

Viscosity: 95 - 105 KU

Recommended Film Thickness:

Wet: 5.3 mils / Dry: 1.5 mils @ 300 sq ft/gal

Wet: 4.0 mils / Dry: 1.2 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 Blend

Roller: 3/8" - 3/4" nap roller cover, depending on surface texture

Airless Spray:

Tip: .017" - .021"

Filter: 60 mesh

Fluid Pressure: 1,400 - 2,400 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

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 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.

New 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.

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. Prime the area with an alkali-resistant primer.

COMPLIES WITH THE BELOW AS OF 12/1/2019

SCAQMD	YES	AIM	YES
CARB SCM 2007	YES	LEED® v.4†	YES
CARB	YES	GREENGUARD®‡	YES
OTC Phase II	YES	CHIPS	YES
OTC	YES	NAHB/ICC NGBS	YES
LADCO	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.

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 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.

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.





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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:

- Self-priming using 2 coats of BEHR PRO® i100 Interior Dead Flat Wall & Ceiling Paint
- or
- 1 coat BEHR PRO High Build Interior Primer No. PR040, KILZ® PVA Drywall Primer No. PX010 or BEHR® Drywall Plus Interior Primer & Sealer No. 73
- 2 coats BEHR PRO i100 Interior Dead Flat Wall & Ceiling Paint

Masonry:

- 1 coat BEHR Drywall Plus Interior Primer & Sealer No. 73
- 2 coats BEHR PRO i100 Interior Dead Flat Wall & Ceiling Paint

Plaster:

- 1 coat BEHR Drywall Plus Interior Primer & Sealer No. 73
- 2 coats BEHR PRO i100 Interior Dead Flat Wall & Ceiling Paint

Wood:

- 1 coat BEHR Drywall Plus Interior Primer & Sealer No. 73
- 2 coats BEHR PRO i100 Interior Dead Flat Wall & Ceiling Paint

Stain-Blocking:

- 1 coat BEHR Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75 or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
- 2 coats BEHR PRO i100 Interior Dead Flat Wall & Ceiling Paint

Ferrous and Non-Ferrous Metals:

- 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 PRO i100 Interior Dead Flat Wall & Ceiling Paint

NOTE: Certain substrate and exposure conditions, as well as project requirements, may necessitate the use of other substrate-specific or solution-driven primers. Please consult with a BEHR PRO® Rep for specific primer recommendations.

When repainting involves a dramatic color change, a coat of primer will enhance the hiding performance of the topcoat.

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.
- Interior use only.
- Do not use on floors.
- For best results, apply when air, material and surface temperatures are between 35°F and 90°F. Temperatures above 90°F can cause the paint to dry too fast, whereas temperatures below 35°F can inhibit proper film formation.
- Allow 2 weeks for full cure before washing or cleaning.
- Shelf life under normal conditions is 2 years unopened.

GENERAL INFORMATION:

CAUTION IRRITANT MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapors and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. 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 immediately.

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

