



i100 INTERIOR WALL AND CEILING PAINT DEAD FLAT

NO. PR105



PRODUCT INFORMATION

BEHR PRO™ Interior Dead Flat Paint is a high-hiding, non-reflective, production quality latex paint for production environments with strong spray, spray back-roll and touch-up features. Ideal for walls and ceilings in high turnover properties.

RECOMMENDED USES:

Ideal for ceilings and walls over properly prepared and primed:

- Concrete
- Concrete Block/CMU
- Brick
- Plaster
- Drywall/Gypsum Board
- Wood
- Engineered (Synthetic) Wood
- Ferrous Metals
- Non-Ferrous Metals
- Architectural Plastics

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load: No.

PR105 128 fl oz/2 fl oz

Gloss: <2 @ 60°

Sheen: < 2 @ 85°

Resin Type: PVA

Weight per Gallon: 12.0 lbs.%

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: 1.3 mils @ 300 sq ft/gal

Wet: 4.0 mils; Dry: 1.0 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:

Smooth Surfaces: 3/8" - 1/2" nap

Rough Surfaces: 1/2" - 3/4" nap

Airless Spray: Fluid pressure of 2,000 - 3,200 psi

Tip: .017" - .021"

Filter: 60 mesh

Thinning: Not recommended. Product is formulated for use at package consistency only.

Dry Time: @ 77°F (25°C), 50% RH:

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

To Touch: 2 hours

To Recoat: 4 hours

Full Cure: 2 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.

New Wood: Remove mill glaze with sandpaper.

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.

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.

New 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.

COMPLIES WITH THE BELOW AS OF 1/1/2019

SCAQMD	YES	LEED® v.3 2009†	YES
CARB SCM 2007	YES	LEED® v.4†	NO
CARB	YES	MPI#	
OTC Phase II	YES	MPI X-GREEN#	
OTC	YES	GREENGUARD®*	YES
LADCO	YES	CHPS	NO
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.

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 such as a muriatic acid etcher. 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.

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 spackling material. 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 topcoating.





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RECOMMENDED PRIMER/SYSTEMS:**Drywall/Wallboard:**

Self-priming using 2 coats of BEHR PRO® PR105 Interior Flat Wall & Ceiling Dead Flat

or

1 coat: BEHR PRO High Build Interior Primer No. 40,
BEHR PREMIUM PLUS® Interior Drywall Primer &
Sealer No. 73 or KILZ® PVA Drywall Primer No. P10

2 coats: PR105 Interior Flat Wall & Ceiling Dead Flat

Wood:

1 coat: BEHR PREMIUM PLUS® Interior Drywall Primer &
Sealer No. 73 or KILZ PREMIUM® Water-Base Primer

2 coats: PR105 Interior Flat Wall & Ceiling Dead Flat

Tannin / Stainblocking:

1 coat: BEHR PREMIUM PLUS® Interior/Exterior Multi-Surface
Primer & Sealer No. 436 or KILZ COMPLETE® Oil-Base
Primer

2 coats: BEHR PRO PR105 Interior Flat Wall & Ceiling Dead Flat

Masonry with pH Levels up to 13.0:

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

2 coats: BEHR PRO PR105 Interior Flat Wall & Ceiling Dead Flat

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:

- **IMPORTANT!** Do not open can without reading instructions.
- Interior use only.
- Do not use on floors.
- Do not use when air and surface temperatures are below 35°F or above 90°F.
- Allow 2 weeks for full cure before washing or cleaning.
- Shelf life under normal conditions is two years unopened.
- Keep from freezing.

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; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

