TECHNICAL DATA SHEET

i100 INTERIOR EGGSHELL PAINT
NO. PR130 WHITE BASE

PRODUCT INFORMATION

BEHR PRO® i100 Interior Eggshell Paint is a latex eggshell paint developed for production environments. It provides maximum application performance in spray, spray back-roll and touch-ups. Ideal for walls, trim and high-traffic areas.

RECOMMENDED USES:

Use on properly prepared, primed or previously painted surfaces. Ideal for family rooms, living rooms, dining rooms, bedrooms, and ceilings.

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

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:
- No. PR130 White Base 128 fl oz / 2 fl oz

Gloss: 5 – 11 @ 60°
Sheen: 10 – 22 @ 85°

Resin Type: PVA
Weight per Gallon: 10.2 lbs.
% Solids by Volume: 33% ± 2%
% Solids by Weight: 44% ± 2%
VOC: < 50 g/L
Flash Point: N/A
Viscosity: 95 – 105 KU

Recommended Film Thickness:
- Wet: 5.3 mils / Dry: 1.7 mils @ 300 sq ft/gal
- Wet: 4.0 mils / Dry: 1.3 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 Blend
Roller: 3/8” – 3/4” nap roller cover, depending on surface texture
Airless Spray:
- Tip: .015” – .021”
- Filter: 60 mesh
- Fluid pressure: 2,000 – 3,200 psi
Thinning: DO NOT THIN. Product is formulated for use at package consistency only.

Dry Time: @ 77°F & 50% RH
- To Touch: 1 hours
- 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.

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 to open the pores of the wood. 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 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.

Masonry: Allow to cure for 30 days. The pH must be 10 or lower prior to coating. Remove bond breakers and all form release and curing agents. Smooth masonry may require an adequate profile for adhesion. Remove all loose aggregate and debris. If painting cannot wait 30 days or pH level is above 10, allow the surface to cure 7 days and prime the surface with an alkali-resistant primer.

Steel: Minimum surface preparation is Hand Tool Cleaning in accordance with SSPC-SP2. 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:

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 SSPEC-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.

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 rinse with clean water. Set nails and fill holes, scratches, and gouges with the appropriate wood filler and let dry completely.

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.

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

COMPLIES WITH THE BELOW AS OF 6/1/2020

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The image contains a technical data sheet for a product called BEHR PRO i100 Interior Eggshell Paint. The sheet provides instructions and precautions for use, including system recommendations, clean-up/disposal, cautions/limitations, and general information. It is a detailed guide for users to use the product safely and effectively. The sheet contains specific instructions on how to prepare the surface before painting, including priming and cleaning recommendations. It also includes information on the product's shelf life, application temperature, and storage. Additionally, it provides emergency contact information and disposal instructions. The text is written in a clear, concise manner, making it easy for users to follow the guidelines and ensure the safe use of the product.