BEHR DYNASTY™

INTERIOR SEMI-GLOSS ENAMEL PAINT

NO. 3650 ULTRA PURE WHITE®

PRODUCT INFORMATION

BEHR DYNASTY® Stain-Blocking Paint & Primer◊ is our best interior paint that provides stain repellency, exceptional durability, advanced burnish, mar, and scuff resistance. It also offers early block resistance and an Exclusive BEHR DYNASTY & MARQUEE® Interior One-Coat Hide Color Collection.

RECOMMENDED USES:

Ideal for properly prepared coated and uncoated interior substrates such as:

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

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:
No. 3650 Ultra Pure White® 127 fl oz / 3 fl oz
No. 3654 Medium Base 116 fl oz / 14 fl oz
No. 3653 Deep Base 112 fl oz / 18 fl oz

Gloss: 45 – 55 @ 60°

Resin Type: 100% Acrylic

Weight per Gallon: 10.9 lb

% Solids by Volume: 40% ± 2%

% Solids by Weight: 54% ± 2%

VOC: < 50 g/L

Flash Point: N/A

Viscosity: 95 – 105 KU

Recommended Film Thickness:
Wet: 4.0 mils / Dry: 1.6 mils @ 400 sq ft/gal

Coverage: Up to 400 sq ft/gal depending on application method and substrate porosity. Does not include the loss of material from spraying.

APPLICATION:

Brush: Nylon/polyester

Roller: 3/8" – 1/2" nap roller cover, depending on surface texture

Airless Spray:
Tip: .015" – .019"
Filter: 60 mesh
Fluid Pressure: 1,400 – 2,400 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
To Touch: 1 hour
To Recoat: 2 hours
Full Cure: 1 week
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 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.

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.

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 3/1/2020			
SCAQMD	YES	GREENGUARD®#	YES
CARB SCM 2007	YES	LEED® v.4†	YES
OTC Phase II	YES	CHPS	YES
OTC	YES	NAHB/ICC NGBS	YES
LADCO	YES	MPI	54, 141
AIM	YES	MPI X-GREEN	54, 141

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.

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.

This information is provided "as is" and no representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made with respect to this information or to any product referred to in this information. For SDS or to consult with a Behr Paint Company representative, call 1-800-854-0133 Ext. 2 (U.S.A. only) or visit behr.com. ©2023 Behr Process Corporation, Santa Ana, CA 92705 U.S.A.

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◊A primer coat may be needed on some surfaces. See SYSTEM RECOMMENDATIONS for details.
*For details visit behr.com/onecoathide.

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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 patching material 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:

Although BEHR DYNASTY® is a paint & primer (self-priming - first coat is the primer and the second coat is the finish) over most properly prepared surfaces, it is recommended for optimum performance to follow the primer recommendations provided below:

Drywall/Gypsum Wallboard:
- Self-prime using 2 coats of BEHR DYNASTY Interior Paint
  or
- 1 coat BEHR® Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75
  2 coats BEHR DYNASTY Interior Paint

Masonry:
- Self-prime using 2 coats of BEHR DYNASTY Interior Paint
  or
- 1 coat BEHR Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75
  2 coats BEHR DYNASTY Interior Paint

Plaster:
- Self-prime using 2 coats of BEHR DYNASTY Interior Paint
  or
- 1 coat BEHR Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75
  2 coats BEHR DYNASTY Interior Paint

Wood:
- Self-prime using 2 coats of BEHR DYNASTY Interior Paint
  or
- 1 coat BEHR Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75
  2 coats BEHR DYNASTY Interior Paint

Stain-Blocking:
- Self-prime using 2 coats of BEHR DYNASTY Interior Paint
  or
- 1 coat BEHR Kitchen, Bath & Trim Interior Stain-Blocking Primer & Sealer No. 75, BEHR Interior/Exterior Acrylic-Alkyd Enamel Undercoater No. 437 or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436 (437 and 436 are recommended for tannin-rich woods)
  2 coats BEHR DYNASTY Interior 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 DYNASTY Interior Paint

Fiberglass, Architectural Plastics‡:
- 1 coat BEHR® Interior/Exterior Bonding Primer No. 432 or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
  2 coats BEHR DYNASTY Interior Paint

‡Due to the diverse nature of plastic substrates, apply a test patch of the coating or coating system to ensure adhesion is acceptable. Certain materials used in the manufacturing of plastics will compromise coating adhesion. Please consult your Behr sales rep for specific recommendations.

PERFORMANCE DATA:

Scrubbability (ASTM D2486; no shim):
Result: > 4,000

Alkali Resistance:
Result: Pass

Washability (ASTM D4828):
Result: Pass

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.
- Allow one week before washing or cleaning for full cure.
- Shelf life under normal conditions is two years unopened.
- Guaranteed one-coat hide excludes ULTRA PURE WHITE®, colors outside of the DYNASTY & MARQUEE One-Coat Hide Color Collection and all other interior or exterior colors that have not been included as one-coat hide from other BEHR® palettes. Multiple coats required when: 1) Painting over uncoated, porous, or repaired exterior surfaces. 2) Over woods that contain tannins such as redwood or cedar. 3) When painting over heavy stains, which may require spot priming, multiple coats, and/or longer dry time.

GENERAL INFORMATION:

WARNING! IRRITANT CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. CONTAINS ETHYLHEXYL BENZOATE, 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 dust, 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 experience, 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.

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

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