



COPPER FORCE™ INTERIOR SEMI-GLOSS ENAMEL
NO. 3190 TINTABLE WHITE

PRODUCT INFORMATION

BEHR® COPPER FORCE™ Interior Semi-Gloss Enamel is an EPA-registered virucidal and antibacterial paint. This 100% acrylic paint & primer^o kills 99.9% of viruses [SARS-CoV-2 and Feline calicivirus (EPA proxy for Human Noroviruses)] and bacteria [Staphylococcus aureus (Staph) and Pseudomonas aeruginosa] within two hours of contact on the painted surface and lasts for up to six years. EPA Reg. No. 32273-10. **NOTE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling.

RECOMMENDED USES:

Ideal for properly prepared coated and uncoated interior 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. 2190 Tintable White 122 fl oz/ 8 fl oz
- No. 2193 Deep Base 116 fl oz/ 14 fl oz

Gloss: 7 – 12 @ 60°

Resin Type: 100% Acrylic

Weight per Gallon: 10.6 lb

% Solids by Volume: 40% ± 2%

% Solids by Weight: 53% ± 2%

VOC: < 5 g/L

ZERO VOC

- This product, like most Zero VOC paints, emits very low amounts of VOCs.
- Most emissions occur during painting and for 48 hours after. Some continue for two weeks or longer.
- While VOC emissions are very low, sensitive groups such as babies and asthma/allergy sufferers should minimize exposure.

Flash Point: N/A

Viscosity: 100 – 110 KU

Recommended Film Thickness:

- Wet: 6.4 mils / Dry: 2.6 mils @ 250 sq ft/gal
- Wet: 4.0 mils / Dry: 1.6 mils @ 400 sq ft/gal

Coverage: 250 – 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" – 3/4" 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. 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:** 4 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 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 gaps with a 100% acrylic siliconized, paintable caulking and allow to dry completely. Patched and filled surfaces should be sanded smooth and dusted 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

COMPLIES WITH THE BELOW AS OF 2/1/2022			
SCAQMD Super Compliant Coating [†]	YES	AIM	YES
SCAQMD	YES	LEED® v.4 [‡]	YES
CARB SCM 2007	YES	GREENGUARD® [#]	YES
OTC Phase II	YES	CHPS	YES
OTC	YES	NAHB/ICC NGBS	YES
LADCO	YES		

[†] Meets SCAQMD "super-compliant" VOC standard of <10 g/L.
[‡] Please visit www.usgbc.org/LEED for additional details.
[#] GREENGUARD is a registered trademark of UL Company.

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.

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.

^oA primer coat may be needed on some surfaces. See SYSTEM RECOMMENDATIONS for details.





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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 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.

ATTENTION 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® COPPER FORCE™ 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 COPPER FORCE Interior Paint
or
- 1 coat BEHR® Drywall Plus Interior Primer & Sealer No. 73
2 coats BEHR COPPER FORCE Interior Paint

Plaster:

- Self-prime using 2 coats of BEHR COPPER FORCE Interior Paint
or
- 1 coat BEHR Drywall Plus Interior Primer & Sealer No. 73
2 coats BEHR COPPER FORCE Interior Paint

Masonry:

- Self-prime using 2 coats of BEHR COPPER FORCE Interior Paint
or
- 1 coat BEHR® Drywall Plus Interior Primer & Sealer No. 73
2 coats BEHR COPPER FORCE Interior Paint

Wood:

- Self-prime using 2 coats of BEHR PREMIUM PLUS Interior Paint
or
- 1 coat BEHR Drywall Plus Interior Primer & Sealer No. 73
2 coats BEHR COPPER FORCE Interior Paint

Stain-Blocking:

- 1 coat BEHR Kitchen, Bath & Trim Interior Primer & Sealer No. 75 or BEHR Multi-Surface Interior/Exterior Stain-Blocking Primer & Sealer No. 436
2 coats BEHR COPPER FORCE 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 COPPER FORCE Interior Paint

SURFACE CARE & MAINTENANCE:

Periodic cleaning to remove dirt and stains is necessary for good sanitization and to assure the effective virucidal and antibacterial performance of the surface. Cleaning does not reduce the virucidal and antibacterial performance of the painted surface. To ensure continuous protection, repaint surface if film becomes damaged (peeled, cracked, etc.) or if paint becomes covered with oils, grease, wax, other paints and other foreign substances; or within 6 years.

Proper Surface Care and Use: The use of an antimicrobial treated surface is a supplement to and not a substitute for standard infection control practices; user must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. The painted surface material has been shown to reduce microbial contamination, but does not necessarily prevent cross contamination.

Cleaning Directions: Cleaning agents typically used on painted surfaces are acceptable. The appropriate cleaning agent depends on the type of soiling and the measure of sanitization required. The best way to wash painted surfaces is to use a soft damp cloth or sponge and a mild detergent solution (a small amount of dishwashing liquid in water). Gently wipe the soiled area (using the least amount of pressure) until the stain is removed. Allow the cleaning solution to do the work. Do not scrub the surface as this can actually cause the stain to spread. Rinse surface with clean water. Do not use harsh or abrasive cleansers or pads, which can scratch, burnish or damage the paint film. Consider using BEHR SWIPES® Interior Wall Wipes for removing stubborn stains, such as lipstick and crayon. **DO NOT USE OXIDIZING CLEANERS/DISINFECTANTS, SUCH**

AS BLEACH AND HYDROGEN PEROXIDE, OR ENZYME-BASED CLEANING SOLUTIONS AS THEY WILL CAUSE DISCOLORATION AND REDUCE THE EFFICACY OF THE SURFACE.

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- Do not use on floors or on exterior surfaces.
- For best results, apply at temperatures between 50°F - 90°F. Temperatures above 90°F may affect the application such as drying too fast, whereas temperatures less than 50°F can cause slow drying or prevent proper film formation.
- Allow four weeks before washing or cleaning for full cure.
- Shelf life under normal conditions is two years unopened.

CLEAN-UP:

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.

STORAGE & DISPOSAL:

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store away from food and pet food. Open dumping is prohibited. Keep container closed when not in use. Do not transfer contents to other containers. Protect pesticide containers from extreme heat and cold.

PESTICIDE DISPOSAL and CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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**PRECAUTIONARY STATEMENTS:
HAZARD TO HUMANS AND DOMESTIC ANIMALS.**

CAUTION HARMFUL IF ABSORBED THROUGH THE SKIN OR SWALLOWED. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING AND AVOID BREATHING VAPORS AND SPRAY MIST. WEAR EYE PROTECTION, GLOVES AND PROTECTIVE CLOTHING. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

ENVIRONMENTAL HAZARDS:

Do not apply directly to lakes, streams, ponds, estuaries, oceans or other waters by cleaning of equipment or disposal of wastes. Dispose of paint debris in an approved landfill. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

GENERAL INFORMATION:

CONTAINS: CRYSTALLINE SILICA and TITANIUM DIOXIDE. 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, headache 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.

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

Have the product container label with you when calling a Poison Control Center or doctor or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center at 1-800-222-1222.

