



INTERIOR/EXTERIOR DIRECT-TO-METAL SEMI-GLOSS PAINT

NO. 3200 WHITE



PRODUCT INFORMATION

BEHR PREMIUM® Interior/Exterior Direct-To-Metal Semi-Gloss paint is 100% styrene acrylic and provides excellent corrosion and flash rust resistance. Engineered for excellent adhesion to a variety of properly prepared or primed residential and light commercial metal surfaces. Intended for use in conditions of repeated heavy abrasion, including mechanical wear and repeated scrubbing with industrial solvents, cleaners and scouring agents. Provides a durable semi-gloss finish that withstands tough elements on both interior and exterior surfaces. Suitable for use in USDA inspected facilities.

RECOMMENDED USES:

Ideal for properly prepared coated and uncoated interior and exterior:

- Ferrous Metal
- Non-Ferrous Metal
- Gypsum Board
- Plaster
- Concrete
- CMU
- Masonry
- Wood

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

- No. 3200 124 oz./6 oz.
- No. 3230 116 oz./10 oz.

Pre-Mixed colors:

- No. 3210 Red
- No. 3220 Black

Gloss: 45-55 @ 60°

Resin Type: Styrene Acrylic

Weight per Gallon: 10.1 lbs.

% Solids by Volume: 35.6%

% Solids by Weight: 47.2%

VOC: <100 g/L

Flash Point: N/A

Viscosity: 95-105 KU

Recommended Film Thickness:

- 1st Coat Wet: 5.0 Dry: 1.75 mils @ 350-400 Sq. Ft./Gal.
- 2nd Coat Wet: 3.0 Dry: 1.1 mils @ 350-400 Sq. Ft./Gal.

Coverage: 350-400 Sq. Ft./Gal. depending on application method and substrate porosity. Does not include the loss of material from spraying.

APPLICATION:

Brush: High Quality Synthetic

Roller: 1/4" - 3/8" mohair, foam, flocked or nap woven cover

Airless Spray: At packaged consistency

Tip: .009" - .017"

Filter: 60 mesh

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

Dry Time: @ 77° & 50% RH

To Touch: 1 hour

To Recoat: 3 hours

Full Cure: 4 weeks

SURFACE PREPARATION:

All surfaces must be clean, dry, free of rust, dust, dirt, chalk, oil, grease, wax, polish, mold and mildew stains, loose and peeling paint and all other foreign substances.

UNPAINTED METAL SURFACES: Ferrous Metals: Use SSPC-SP2. Remove all rust and mill scale using sandpaper, ferrous metal, abrasive blasting, or other abrading methods to create a profile on the metal's surface. Remove any residue, and clean the metal by scrubbing the surface with a solvent such as mineral spirits or acetone. Bare metal must be coated the same day it is cleaned.

Ferrous and Non Ferrous Metals: Use SSPC-SP1. All oil film on new metal must be removed before it is painted. Remove oil film with a solvent such as mineral spirits or acetone and remove any residue. Sand the surface with sandpaper, ferrous metal, or by using a chemical etcher. Clean by scrubbing the surface with a solvent such as mineral spirits or acetone and remove any residue.

Previously Painted Metal Surfaces: Remove all loose and peeling paint and all other foreign substances. Clean any dirt and grease by scrubbing the surface with a solvent such as mineral spirits or acetone and remove any residue. Sufficiently sand and dull all smooth, hard, dense or glossy surfaces before coating for maximum performance. It is recommended to test a small inconspicuous area for adhesion one week prior to application. If test area shows insufficient adhesion, additional abrasion or complete removal of the previous coating may be required. All exterior alkyd surfaces should be primed prior to painting.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact the National Lead Information Center at 1-800-424-LEAD or visit www.epa.gov/lead.

COMPLIES WITH THE BELOW AS OF 5/1/2017

SCAQMD	YES	LADCO	YES
CARB SCM 2007	YES	AIM	YES
CARB	YES	LEED v.3 (2009) [†]	YES
OTC Phase II	YES	MPI#	153, 163
OTC	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.

RECOMMENDED PRIMER/SYSTEMS:

UNPAINTED METAL SURFACES:

Ferrous Metals: Self priming on properly prepared substrates. For best results, use a MPI #107 certified rust-inhibitive, water-based primer, such as BEHR PREMIUM PLUS® Exterior Multi-Surface Primer & Sealer No. 436. To properly prepare the uncoated surface, please refer to the surface preparation instructions.

Ferrous and Non-Ferrous Metals: Use a MPI #134 certified water-based primer for non-ferrous surfaces, such as BEHR PREMIUM PLUS Exterior Multi-Surface Primer & Sealer No. 436. To properly prepare the uncoated surface, please refer to the surface preparation instructions.

PREVIOUSLY PAINTED METAL & GLOSSY SURFACES:

Self priming on properly prepared substrates. Use a MPI #134 certified water-based primer for non-ferrous surfaces, such as BEHR PREMIUM PLUS Exterior Multi-Surface Primer & Sealer NO. 436. To properly prepare the uncoated surface, please refer to the surface preparation instructions.

TEST SPECIFICATIONS:

Accelerated Weathering:

Test Method: ASTM D4587, QUV-A, 1,000 hours
Results: Pass

Direct Impact Resistance:

Test Method: ASTM D2794 (>160 in. lbs)
Result: Pass Test Method: ASTM D4541, CRS
Result: >300 psi
Test Method: ASTM D3359, aluminum
Result: 5B

Abrasion Resistance:

Test Method: ASTM D4060, CS17
wheel, 1000 cycles, 1 kg load
Result: <50 mg loss





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Corrosion Resistance:

Test Method: ASTM G85 Annex #5, 1,000 hours
 Result: Rating 10 per ASTM D714 for blistering
 Rating 9 per ASTM D610 for rusting
 Less than 2mm rust creep from scribe

Dry Heat Resistance:

Test Method: ASTM D2485 (300°F)
 Result: Pass

Flexibility:

Test Method: ASTM D522, 180° bend, 1/8" mandrel
 Result: Pass

Moisture Condensation Resistance:

Test Method: ASTM D4585, 100°F, 1,000 hours
 Result: Pass

Pencil Hardness:

Test Method: ASTM D3363
 Result: 2B

Block Resistance:

Test Method: ASTM D2793, aluminum, class III
 Result: B0

Mar Resistance:

Test Method: ASTM D5178 CRS
 Result: 5.0 kg

Chemical Resistance:

Test Method: ASTM D1308, 1hr unless noted.
 50% Sulphuric Acid
 10% Hydrochloric Acid
 5% Phosphoric Acid
 25% Sodium Hydroxide
 Aliphatic Hydrocarbon Solvent, 2hr
 Methyl Alcohol
 Motor Oil (10W30), 2hr Vegetable Oil, 2hr
 Result: no film defects

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:

- Protect from freezing.
- Do not use on floors.
- Do not use when air and surface temperatures are below 50°F and above 90°F or for exterior when precipitation is expected within 24 hours after project completion.
- Avoid heavy traffic for 24 hours.
- Allow 4 weeks before washing or cleaning for full cure.
- Shelf life under normal conditions is 2 years unopened.
- High tint load colors, such as safety and or deep base colors, may impact final film properties. A primer such as BEHR PREMIUM PLUS® Exterior Multi-Surface Primer & Sealer NO. 436 is recommended for best results.
- Not for use on baked surfaces.

GENERAL INFORMATION:



Warning! Causes eye and skin irritation. Wear protective clothing, gloves, eye, and face protection. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

First aid: If in eyes: Rinse cautiously with water for several minutes and remove contacts if present and easy to do.

Continue rinsing and get medical attention if eye irritation persists. **If on skin:** Wash with plenty of soap and water.

If swallowed: Rinse mouth and get medical attention if you feel unwell.

