Rust-O-Lastic® High Performance Gloss Acrylic (DTM) Maintenance Finish

(Acrylic Copolymer)

Code: 243 Line
243W150 White Base
243T130 Clear Base
243W194 Deep Base
243B930 Black
243Y329 Safety Yellow
243R452 Safety Red
Interior/Exterior

Description

Quick dry, acrylic latex, high gloss industrial maintenance coating formulated to protect aluminum, galvanized metal, steel and masonry in moderate industrial or coastal environments. Provides good color and gloss retention. Has good adhesion to smooth, cold rolled steel, previously painted glossy surfaces, aluminum siding and factory finishes. The DTM is flash rust resistant while drying and highly chemical and corrosion resistant after curing. Applies easily by brush, roller or spray.

Technical Data

Theoretical Coverage (sq. ft. per gal. per dry mil)	550
Recommended DFT per coat	2.3-2.7 mils
Gloss	High 60° - 80 +/- 10
Wt/Gallon	10.00 ± 0.2 lbs.
Solids by Wt.	45 ± 2%
by Vol.	34 ± 2%
VOC as supplied OTC Compliant	0.79 Lbs/gal - 95 gms/L
Flash Point (PMCC)	N/A
Color	W, D*, C*
Packaging	Gallon, Five Gallon
Shelf Life (unopened from plant)	2 years

Store indoors at 40°F to 100°F.

Values are reported for Extra White and will vary depending on color. These values do not constitute specifications.

* *Carefully read the Special Information section before using D (Deep Base) and C (Clear Base).*

Surface Preparation

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Surface Preparation (cont.)

GENERAL: Scrub, high pressure detergent wash, steam clean or solvent wipe to remove dirt, oil, grease, pollutants and other contaminants. Allow to dry thoroughly.

FERROUS METAL: Commercial Blast (SSPC-SP-6) to remove rust and scale and obtain a surface profile. For optimal corrosion resistance, blast clean to Near White Metal (SSPC-SP-10). For non-corrosive environments, Brush Blasting (SSPC-SP-7), Power Tool Cleaning (SSPC-SP-3) or Hand Tool Cleaning (SSPC-SP-2) are acceptable if surface is in good condition.

GALVANIZED METAL: Allow to weather a minimum of six months prior to coating. Solvent Clean (SSPC-SP1). When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean (SSPC-SP1) and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, Brush Blasting (SSPC-SP7) is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning (SSPC-SP2), then prime the area the same day as cleaned. For specific information see Technical Data Sheet A-2, Painting Galvanized Steel.

CONCRETE, CONCRETE BLOCK (CMU): Allow to cure at least 30 days. Remove loose or excess mortar, efflorescence, laitance and concrete form release or curing compounds that impair adhesion.

PREVIOUSLY PAINTED SURFACES: Clean and prepare as indicated above. Remove loose peeling paint, chalk, rust, mildew, or other contaminants. Abrade smooth, glossy surfaces. Apply test patch(es) to confirm adhesion and compatibility. Spot or full prime as needed.

Prime all surfaces the same day as cleaning to prevent rerusting or further contamination.

Painting Instructions

Painting systems listed are the primary recommendations. Contact your M.A.B.® product representative to see if another M.A.B.® product is a suitable alternative.

For the following unpainted surfaces, prime as indicated and topcoat with 1 or 2 coats of Rust-O-Lastic® High Performance Gloss Acrylic (DTM) Maintenance Finish.

FERROUS METAL:
Self Priming (Self Priming for White Base and packaged colors only; Deep and Clear Bases must be primed with Hydro Prime™ Primer)

GALVANIZED/NON-FERROUS METAL:
Self Priming (Self Priming for White Base and packaged colors only; Deep and Clear Bases must be primed with Hydro Prime™ Primer)

MASONRY:
Interior: Prime Fast™ Primer
Exterior: Sea Shore® Exterior Latex Primer. Fill concrete block (CMU) with Block Kote™ 2000 Concrete Block Filler.

PREVIOUSLY PAINTED SURFACES: Spot or full prime as needed and finish with 1 or 2 coats of Rust-O-Lastic® High Performance Gloss Acrylic (DTM) Maintenance Finish. (Deep and Clear Bases must be primed with Hydro Prime™ Primer.)

Mixing/Stirring

Stir thoroughly with a spiral up and down motion at intervals.

Thinning

BRUSH, ROLLER or AIRLESS SPRAY: Use as packaged.

Tinting

White Base 243W150 - Up to 6 oz. per gallon
Deep Base 243W194 - Up to 8 oz. per gallon
Clear Base 243T130 - Up to 12 oz. per gallon
Store will use appropriate colorants and amounts.

Application

Apply primarily by airless spray or roller in an even, uniform manner making sure recesses and edges are thoroughly coated. (Brush or roller application may require more coats to achieve proper film thickness.)
Brush: High Quality Nylon/Polyester; any width
Roller: High Quality 3/8" or 1/2" nap woven cover

Spray Instructions

Airless Spray: Minimum Pump Ratio: 1/2 gal/min; Tip Size .015-.018; Pressure: 1800 - 2700 psi

Recommended Spread Rate

Approximately 200 - 240 sq. ft. per gallon. (Allow for application loss and surface profile).

Clean Up

Clean tools and spray equipment immediately with a warm detergent solution and rinse with clean water. Flush spray equipment with Paint Thinner to prevent rusting. If paint becomes dry, soak tools in Brush Cleaner according to label directions.

Drying Time

@ 7.0 mils wet (@ 70°F and 50% Relative Humidity)
To Touch: 30 - 60 minutes
To Recoat: 4 hours
(During humid weather allow additional drying time.)

Special Information

- **Intermix multiple cans of custom colors. Always test apply a small area to verify color.**
- *Deep and Clear bases will have slightly less gloss than the White Base and packaged colors. This is due to the amount of tint. The Deep and Clear bases must always be used in conjunction with a primer. They can never be used directly on metal due to the amount of colorants which increases the chance of rusting.*
- Not recommended for floors, large areas of exterior wood, surfaces subject to submersion or for unprimed steel or iron when Deep or Clear tint bases are used.
- Do not apply if air or surface temperature is below 50°F, when rain is expected or late in the day when dew might form on the newly painted surface before it has dried.
- **Keep paint from freezing. If allowed to freeze, paint is unusable.**
- Excessive reduction with water may cause flash rusting.
- Insufficient film thickness may cause premature rusting.
- Read label directions, warnings and cautions before using. See Material Safety Data Sheet (MSDS) for additional safety and health information.

Performance Data

- OTC Compliant (Industrial Maintenance)
- Meets the quality intent of MPI Specifications #154 and #164
- Flame Spread Rating: Class A (0-25) over Non-Combustible Surfaces.

Right-To-Know and Safety Information

Container labeling complies with applicable State Right-To-Know Acts. For information regarding the potential hazards associated with this product, please refer to the Material Safety Data Sheet (MSDS).

Satisfaction Guaranteed

If this product fails to perform when applied according to label directions, M.A.B. Paints will furnish an equivalent amount of new paint at no cost or will refund the purchase price upon proof of purchase. This guarantee excludes labor or the cost of labor for the application of any paint.

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