

Modern Masters Inc. (800) 942-3166

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Metal Effects® Permacoat Patina Sealer

**Water Base Acrylic, Low VOC System
Prevents Further Oxidization
Brush, Roll or Spray apply**



AM201

Modern Masters – Metal Effects Permacoat™ Patina Sealer is a water-based 100% acrylic sealer that dries to a satin like finish. Permacoat is especially formulated to seal Metal Effects Metallic Paints that have been oxidized with Metal Effects Patina Aging Solutions and Activators. Metal Effects Permacoat Patina Sealer is highly recommended to seal the Metal Effects Rust finish on interior areas where there may be contact to prevent rub-off and exterior applications to prevent runoff of the finish onto surrounding surfaces. Unlike other acrylic varnishes, Permacoat will form a film over acidic surfaces without cracking or yellowing. Permacoat is pH balanced to minimize the rust colors tendency to deepen in color tone when using other non-recommended clear coats.

For Additional Information and Architectural Specifications visit ARCAT.com and search for Modern Masters Inc. or a specific product name.

Application – In most applications (interior or exterior) a protective sealer is not necessary. However, if the surface is in a high traffic area or it is likely to be handled repeatedly, the surface should be protected with Metal Effects Permacoat Patina Sealer. **DO NOT USE OTHER SEALERS OR VARNISHES.** Lightly wipe surfaces patinaed with Metal Effects Black Patina Aging Solution or Metal Effects Baroque Activator with a damp sponge before beginning to help prevent clouding. Surface must be completely dry prior to top coating. Begin by adding one part of water to one part of Permacoat, stir well. Apply two coats. Additional coats will result in a higher gloss finish. For a matte finish and additional protection on interior/exterior surfaces, apply one coat of Modern Masters MasterClear® Matte over the Permacoat Patina Sealer. Always test a similar surface before applying to your project. **Do not apply in temperatures below 55°F/13°C or above 95°F/35°C.**

Brushing: Use a high-quality brush recommended for water base primer.

Rolling: To roll use a short nap roller and roll product vertically from the bottom up, smoothing out excess Permacoat with a chip brush while wet

Spraying: To spray, use HVLP or quality airless spray equipment.

Taping – Use high quality, low-tack tape when taping over surfaces that have been previously painted with Metallic Paint. When painting over taped-off areas be aware that Metallic Paints exhibit poor early adhesion properties and are elastomeric (they stretch) before curing. Consider cutting along the tape edge with a razor blade to avoid delaminating the fresh paint from the substrate.

Dry Times – Recoat time is approximately ½ hour. Dry time is approximately 1 hour. It is important that Permacoat Patina Sealer is completely dry (24-48 hours) before applying Metal Effects MasterClear Matte. (Drying times were recorded at 70°F and 50%RH): **Note:** Lower temperature and/or higher humidity will lengthen the dry and cure times.

Coverage – One gallon/3.78 liters will cover approximately 448 square feet/42 square meters. Approximately 1.5 mils dry film thickness per coat. A minimum of 3 mils dry film thickness is required.

Clean Up – Clean brushes, rollers, tool, and equipment with soap and warm water immediately after use. Do not reuse containers and properly dispose of empty containers.

Material VOC – Metal Effects Permacoat Patina Sealer contains <50 grams per liter of VOC, regulatory measurement and is compliant with SCAQMD Rule: 1113, Metallic Coatings category. Contains No Hazardous Air Pollutants.

Handling & Storage – Close tightly all containers when not in use. Store in a cool dry place away from direct sunlight. **DO NOT ALLOW PRODUCT TO FREEZE.**

Disposal – Dispose of unused or unwanted product in accordance with local laws regulating water-based coatings.

Health & Safety –Use in a well-ventilated area. Avoid contact with eyes. Wash hands thoroughly with soap and warm water after use. Do not take internally. When spraying or sanding, use a properly-fitting, NIOSH approved respirator per the manufacturer's instructions.

Skin contact: Thoroughly wash with soap and warm water before the coating dries. Individuals with sensitive skin may require gloves.

Eye contact: Rinse with clean water for 15 minutes. Seek medical attention.

Inhalation: To help prevent irritation, use only in well-ventilated areas. If irritation occurs, move to fresh air. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

Read the Material Safety Data Sheet for Additional Health and Safety Information.

Warranty – This product will perform as claimed if directions are followed. Directions are as complete as possible, but cannot encompass all conditions, applications, techniques, and/or surfaces, which are beyond our control. Warranty is limited to replacement or refund value of product actually used, if such product proves defective within two years of manufacture. No other warranty is expressed or implied.

Technical Assistance – For additional technical assistance contact our Technical Department at 818-683-0201 or e-mail technical@modernmasters.com.

Disclaimer: Modern Masters, Inc. believes, to the best of its knowledge, information, and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained

Container Size	Container Weight Under
1 four ounce	.5 lbs.
1 Pint	1.5 lbs.
1 Gallon	10 lbs.