

Modern Masters Inc. (800) 942-3166

9380 San Fernando Rd., Sun Valley CA 91352 An RPM Company

Metal Effects® Primer (formerly Acid Blocking Primer) Water Base Acrylic, Low VOC System Brush, Roll or Spray apply



AM203

Modern Masters – Metal Effects Primer (AM203) is a unique water-based acrylic primer. Unlike other primers, it is especially formulated to block Metal Effects Patina Aging Solutions and Activators from reaching the metal, wood, or reactive substrate. This helps prevent the formation of rust or other oxidation products from forming under the paint film. Metal Effects Primer will also block out alkali salts, tannins, acid salts, or other unwanted contaminants from 'bleeding through' to the Metal Effects Reactive Metallic Paint film and causing adverse reactions and unwanted color changes in the oxidized finish. Metal Effects Primer can be brush, roll or spray applied.

Surface Preparation – Remove all loose, peeling paint. Patch and repair any surface imperfections before using the Metal Effects Primer. All surfaces should be sound, clean and free of oil, grease, wax, and other contaminants, and completely dry prior to priming. Surfaces previously primed require light sanding. Scuff sand any glossy surfaces. If unsure of the substrate, test a sample area to ensure the desired results. Some metal surfaces, such as bare aluminum, galvanized metal, or rusted or slag metals, will need a specialty primer from our recommended primer list, applied prior to the application of Metal Effects Primer. If this is the case, read the specific information for the recommended primer prior to beginning your project. Properly prime the clean, dry surface with the recommended primer and allow the surface to dry completely—preferably overnight. Then follow the directions for applying Metal Effects Primer. **Note:** Lower temperature and higher humidity will lengthen the dry and cure times of primers.

Recommended Primers:

- **Metal Effects Primer by Modern Masters**

Substrates: previously painted surfaces, drywall, drywall with texture, paneling and wall covering, muslin or canvas, ferrous metal, PVC piping, finished and unfinished wood

- **Sierra Griptec by Rustoleum**

- **Sierra Metalmax Gray Primer by Rustoleum**

Substrates: galvanized metal

- **Mathys Pegalink by Rustoleum**

Substrates: aluminum, anodized metals, copper piping, window and door mullions.

- **Mathys Peganox by Rustoleum**

Substrates: rusting metal, slag metal

For MSDS and Technical Data Sheets for these primers go to www.modernmasters.com and search in our technical section of the web site.

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

Application – Stir well before use and occasionally during application. **DO NOT THIN!** Apply at least two coats of Metal Effects Primer using a brush, roller or spray equipment. **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 high-quality 3/8" nap roller.

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.

Dry Times – Recoat time is approximately ½ hour. Dry time is approximately 12 hours. It is important that Metal Effects Primer is completely dry before applying Metal Effects Reactive Metallic Paint. (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 320 square feet/29.7 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.

VOC – Metal Effects Primer contains less than 100 g/L.

Handling & Storage – Close tightly all containers when not in use. Store in a cool dry place away from direct sunlight. **Do not freeze.** If Metal Effects Primer becomes frozen, allow to completely thaw and come to room temperature before use. **Stir thoroughly before use.**

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

Health & Safety – Overexposure can cause lung and kidney damage. Cancer hazard. Contains crystalline silica which can cause cancer. (Risk of cancer depends on level of exposure). 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. **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 Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

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	11.5 lbs.