MODERN MASTERS® METAL EFFECTS® PERMACOAT XTREME™

DESCRIPTION AND USES

Modern Masters® Metal Effects® Permacoat Xtreme™ is an all-in-one water-base,100% acrylic, clear, non-yellowing protective sealer and top coat designed to work over Metal Effects Rust Activated Iron Paint. This innovative clear coat chemically arrests the oxidized metal finish, minimizing any further corrosion, and then self-crosslinks to create a weather resistant barrier. Permacoat Xtreme 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 Xtreme will form a film over the oxidized 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.

Note: Permacoat Xtreme can be used as a top coat over Metal Effects Green Patina Aging Solution Oxidizing Copper Paint and Metal Effects Blue Patina Aging Solution Oxidizing Bronze Paint to provide additional protection but is not required.

PRODUCTS

4 Oz.	16 Oz.	GALLON	DESCRIPTION
AM20404	AM20416	AM204GAL	Permacoat Xtreme

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

SURFACE PREPARATION

The Modern Masters Metal Effects Rusted Iron Finish (and Metal Effects Patina Finishes, if topcoating is necessary) must be fully cured prior to application (min. 24 hours). Make sure that the air, surface, and product are all above 55°F and at least 5°F above the dew point before applying. Avoid applying this product if rain or snow is expected in 72 hours or if the temperature is expected to drop below 55°F within 72 hours. Permacoat Xtreme can be brushed, rolled or spray applied.

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.

PRODUCT APPLICATION (cont.)

APPLICATION

Do not apply in temperatures below 55°F/13°C or above 95°F/35°C.

BRUSHING: Use a high-quality synthetic brush.

ROLLING: Use a high quality short-nap varnish roller.

SPRAY: The Metal Effects Permacoat Xtreme can be spray applied using conventional air atomized spray or HVLP.

Caution: Protect surrounding surfaces from over spray. Over spray can be wet or dry depending on height of work, weather, environmental conditions, and application equipment. Wet over spray can adhere to unwanted surfaces. Dry over spray may be removed by wiping or washing. Always clean dry over spray from hot surfaces before fusing occurs as surface temperatures can be higher than the air temperature.

Surface must be completely dry prior to top coating (minimum of 24 hours). First coat: Add equal parts of Permacoat Xtreme with water and stir well before applying. Second coat: After a minimum of 1 hour, apply Permacoat Xtreme at full strength. Let surface dry for 1 hour before handling. Full cure time is 7 to 10 days.

DRY TIMES

Dry times are based on 77°F and 50% RH. Dry-to-touch time is approximately 30 minutes. Recoat time is approximately 1 hour.

Note: Lower temperature and/or higher humidity will lengthen the dry and cure times.

CLEAN UP

Clean brushes, rollers, tool, and equipment with soap and warm water immediately after use. Promptly wipe up spills and splatters with a damp cloth.

HANDLING & STORAGE

Close all containers tightly when not in use. Store in a cool dry place away from direct sunlight. Do not freeze. If Metal Effects Permacoat Xtreme becomes frozen, allow the paint 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.

Form: ARJ-1671
Rev.: 051325

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PHYSICAL PROPERTIES

		PERMACOAT XTREME
Resin Type		Water-Based Acrylic
Pigment Type		None
Solvents		Water, Glycol Ethers
Weight	**Per Gallon**	8.55 lbs.
	Per Liter	1.02 kg
Solids	**By Weight**	35.77%
	By Volume	33.81%
Volatile Organic Compounds		<100 g/l
Recommended Dry Film Thickness (DFT) per Coat		2 mils
Wet Film to Achieve DFT (Unthinned material)		5-6 mils
Practical Coverage at Recommended DFT (assume 15% material loss)		220-240 sq. ft./gal.
Dry Times at 77°F (25ºC) and 50% Relative Humidity	**Touch**	30 minutes
	Handle	1 hour
	Recoat	1 hour
	Full Cure	7-10 days
Shelf Life		5 years
Flash Point		>200°F
Safety Information		For additional information, see SDS

Calculated values are shown and may vary from the actual manufactured material.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

RUST-OLEUM

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