



MODERN MASTERS®
METALLIC PAINT COLLECTION MASTERCLEAR TOPCOAT

DESCRIPTION AND USES

Modern Masters® MasterClear® Protective Clear Topcoats: are interior/exterior topcoats, available in a Satin or Semi-Gloss sheen. MasterClear Protective Topcoats are water-based, one part, self-crosslinking, aliphatic polyurethane/acrylic non-yellowing. MasterClear is formulated with both UV absorbers and UV inhibitors, mar and slip aids, to create the best possible protection for Metallic Paint Collection paints without affecting the metallic shimmer. The inherent high abrasion resistance of MasterClear also extends the service life of Metallic Paints on high traffic interior surfaces and exceeds 3,000 scrub cycles.

NOTE: Other clear topcoats may dull and otherwise ruin the shimmering appearance of Metallic Paint Collection paints.

This product can only be sold as a part of a Faux Finishing coating system.

PRODUCTS

32 Oz.	GALLON	DESCRIPTION
ME66432	ME664GAL	Satin
ME66232	ME662GAL	Semi-Gloss

PRODUCT APPLICATION

SURFACE PREPARATION

Allow Metallic Paint Collection colors to dry for 24-48 hours before applying MasterClear. Painted surface should be clean, dry and fully cured prior to application. For surfaces not painted with Modern Masters Metallic Paint Collections colors, apply on a small test area to ensure the color and desired effect is achieved.

APPLICATION

Modern Masters Metallic Paint Collection MasterClear can be brushed, rolled, or spray applied. Stir thoroughly before use, do not shake. For best results and maximum protection, it is recommended to apply two or more coats for interior use and three or more coats for exterior use.

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

BRUSHING: Use a high-quality synthetic bristle brush.

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

PRODUCT APPLICATION (cont.)

APPLICATION (cont.)

SPRAYING: To spray MasterClear, thin with up to 10%, 12 fluid ounces of water to one gallon of MasterClear Topcoat. Use an HVLP gun, conventional cup gun or airless spray system.

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) during curing. Because of these two factors consider cutting along the tape edge with a razor blade to avoid delaminating the fresh paint from the substrate.

DRY TIMES: Drying times were recorded at 77°F and 50% RH. Dry-to-touch time is approximately ½ hour. Recoat time is approximately 2 hours.

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


COVERAGE: One gallon will cover approximately 320 square feet. Approximately 1.5 mils dry film thickness per coat. Minimum of two coats is recommended.

SHEEN RANGES @ 60°: Satin 20-30 and Semi-Gloss 50-65

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.

HANDLING & STORAGE: Close tightly all containers when not in use. Store in a cool dry place away from direct sunlight. Do not freeze. If Metallic Paint Collection MasterClear 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.

	TECHNICAL DATA	MDM-02
	MODERN MASTERS® METALLIC PAINT COLLECTION MASTERCLEAR TOPCOAT	

PHYSICAL PROPERTIES

		METALLIC PAINT COLLECTION MASTERCLEAR TOPCOAT
Resin Type		Water-based polyurethane/acrylic
Weight	Per Gallon	8.63-8.67 lbs.
	Per Liter	1.03-1.04 kg
Solids	By Weight	32.03-32.93 %
	By Volume	29.71-30.30 %
Volatile Organic Compounds		<100 g/l
Recommended Dry Film Thickness (DFT) per Coat		1.5 mils
Wet Film to Achieve DFT (Unthinned material)		5 mils
Practical Coverage at Recommended DFT (assume 15% material loss)		Up to 320 sq.ft./gal.
Dry Times at 77°F (25°C) and 50% Relative Humidity	Touch	30 minutes
	Recoat	2 hours
Shelf Life		5 years
Flash Point		144°F (62°C)
Safety Information		For additional information, see SDS

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

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