



**MODERN MASTERS® EXTERIOR METALLIC PAINT COLLECTION™**

**DESCRIPTION AND USES**

Modern Masters® Metallic Paint Collection™ provides a beautiful metallic look durable for exterior applications. This complete system includes two multi-surface primers, Cool and Warm Tone and 12 pre-mixed metallic paint colors. These colors can be applied by brush, roller or spray equipment to exterior architectural surfaces such as window mullions, exterior paneling and other architectural features. It's water, mold, mildew, chemical, stain, mar, impact and UV resistant, so no additional protective top coat is needed. This product reduces the overall time and numbers of coats required to beautify and protect your project.

**PRODUCTS**

QT. SKU	Gal. SKU	DESCRIPTION
337158	337172	Excalibur
337159	337173	Stainless Steel
337160	337174	Restoration Nickel
337161	337175	Gray Velvet
337162	337176	Aged Nickel
337163	337177	Chocolate Shimmer
337164	337178	Dome Gold
337165	337179	Brass Monkey
337166	337180	Treasure Gold
337167	337181	Cinnamon Sparkle
337168	337182	Fawn Bronze
337169	337183	Café Bronze

**RECOMMENDED PRIMERS**

QT. SKU	GAL. SKU	DESCRIPTION
337170	337184	Metallic Cool Tone Primer
337171	337185	Metallic Warm Tone Primer

**Note:** Lower temperature and higher humidity will lengthen the dry and cure times of primers

**COMPATIBLE PRIMERS**

- Zinsser® SealCoat™ - Substrates: wood knots
- Zinsser® WaterTite® - Substrates: concrete
- Sierra Performance™ S-70- Substrates: ferrous metals
- Sierra Performance™ Metal Max- Substrates: ferrous metals, DTM direct to metal and window and door mullions
- Mathys Pegalink- Substrates: aluminum, anodized metals, copper piping, window and door mullions
- Mathys Peganox- Substrates :rusting metal

**APPLICATION**

**SURFACE PREPARATION**

All surfaces to be painted must be entirely free of dust, dirt, oil, grease, and other contaminants. Completely remove all loose, flaking, or chalking paint from the surfaces. Use a NIOSH approved respirator when sanding and when working with old, loose paint particles. Provide adequate ventilation. Properly prime the clean, dry surface with a primer from our recommended list and allow the surface to dry completely—preferably overnight.

**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](http://www.epa.gov/lead)

**NOTE:** Always test the product in a small, inconspicuous area before beginning a project to see if the desired results are attained. We recommend preparing a sample board prior to beginning a project to check color and technique. The paint should be mixed thoroughly before using.

Modern Masters Metallic Paint Collection paints can be brushed, rolled, or spray applied (See specific equipment requirements under Spraying) onto any paintable, properly primed, interior or exterior surface, such as walls, ceilings, columns, trim, doors, furniture, and paintable wallcoverings.

**Do not apply in temperatures below 58°F/14°C or above 85°F/29°C.**



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### APPLICATION (cont.)

**BRUSHING:** Use a high-quality brush recommended for water-based semi-gloss paints.

**Rolling:** Use a high-quality 3/8 nap roller. Thoroughly clean the roller cover before beginning project. Work in sections, approximately 3-4 foot wide, keeping a wet-edge, cross roll to improve coverage, finishing the surface by back-rolling in one direction, top to bottom. This procedure will minimize lap marks, properly orient the metallic particles and give a uniform appearance.

**Spraying:** Use a NIOSH approved respirator when spraying. Provide adequate ventilation. To spray Metallic Paint Collection paints, thin with up to 16 fluid ounces/473 milliliters of water to one gallon/3.78 liters of Metallic Paint Collection paints. Thin carefully, as over thinning of the paint will result in loss of hide and a reduction of the desired appearance.

Use an HVLP gun or a conventional cup gun with the fluid and air supply from a pressure pot and compressor. Air pressure at the HVLP spray gun needs to be approximately 45 psi, with greater pressures at the tank, approximately 60 psi.

#### Examples:

**Binks Mach 1 HVLP**, with a 94-nozzle set up (0.55 or 1.4mm diameter fluid tip and a 90P air nozzle). The settings for this equipment were: Fluid Pressure-25psi and Air Pressure-45psi.

**Binks- 2001 Conventional**, with a 66SS air nozzle set up (0.70 or 1.8 fluid tips and a 66SD air nozzle). The settings for this equipment were: Fluid Pressure-30psi and Air Pressure-60psi.

### APPLICATION (cont.)

#### SPRAYING (cont.)

**Note:** Do not use turbine-type "air compressors" to power the HVLP spray gun and do not use airless spray systems.

**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.

**Tinting** – Exterior Metallic Paint Collection Colors can be intermixed to create custom colors.

**Dry Times** – Recoat time is approximately ½ hour. Dry-to-touch time is approximately an hour. (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 will cover approximately 320 to 400 square feet. Approximately 1.5 mils dry film thickness per coat. A minimum of 3 mils dry film thickness is required for hide and full color development.

**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.

	<b>TECHNICAL DATA</b>	<b>MDM-03</b>
	<b>MODERN MASTERS® EXTERIOR METALLIC PAINT COLLECTION™</b>	

**PHYSICAL PROPERTIES**

		EXTERIOR METALLIC PAINT COLLECTION
<b>Resin Type</b>		Water-Based Acrylic Polyurethane
<b>Weight</b>	<b>Per Gallon</b>	9.11-9.52 lbs.
	<b>Per Liter</b>	1.09-1.14 kg
<b>Solids</b>	<b>By Weight</b>	39.62-43.84%
	<b>By Volume</b>	33.21-35.84%
<b>Volatile Organic Compounds</b>		114-123 g/l
<b>Recommended Dry Film Thickness (DFT) per Coat</b>		1.5 mils
<b>Wet Film to Achieve DFT (Unthinned material)</b>		4-4.5 mils
<b>Practical Coverage at Recommended DFT (assume 15% material loss)</b>		320-400 sq.ft./gal.
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Touch</b>	30 minutes
	<b>Handle</b>	1 hour
	<b>Recoat</b>	1 hour
	<b>Full Cure</b>	3-4 hours
<b>Shelf Life</b>		5 years
<b>Flash Point</b>		201°F (94°C)
<b>Safety Information</b>		For additional information, see SDS

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

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