

## Metallic Paint Tintable Bases

Technical Data Sheet – Page 1 of 3

### 000D294 – 000D297

**Description**

Golden Paintworks® Metallic Paints are water-based, acrylic paints that are highly pigmented with iridescent mica to produce strong metallic effects. Metallic Paints can be brush, roller or spray applied to any properly primed surface. It covers in 2 coats and dries to an even satin sheen. No extender/additive is required for rolling, as the paint has a good amount of working time built-in. Perfect for any decorative project from up-cycling that treasured furniture piece, adding some drama to a feature wall, lighted ceiling cap, or crown molding.

**Colors**

000D294 Bronze  
000D295 Copper  
000D296 Gold  
000D297 Pearl

**Packaging**

Available in short-filled, Quart, Gallon and Five Gallon containers.

**Key Features**

- Brilliant, opaque colors
- Brush, roll or spray apply
- Tintable to a wide range of colors
- VOC Compliant Nationwide
- Water clean up

**Surface Preparation**

Surface must be clean, dry and free of dirt, oil, wax and grease. Remove any loose, flaking or chalking paint from the surface. Do not apply to slick or glossy surfaces. Prime surface with an appropriate, high-quality, water base primer and allow to fully dry.

**Note:** This is a highly reflective finish that will show all surface imperfections. Walls should be finished to a Level 5. Prime the surface with a primer or paint colored to a similar color as the final product.

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**Application**

**Stir well before use.** Apply between 50° F and 90° F. Metallic Paint can be applied with a synthetic brush, a quality beveled-edge roller, or by spray, using a Conventional or HVLP cup gun with both air and liquid lines from a pressure pot and compressor. Do not use an airless spray system. If thinning is required, add up to 4oz of water per quart. Over thinning will result in loss of hide.

To avoid sagging, do not apply more than 4 mils wet paint.

**Spray equipment options:**

- HVLP/Cup Gun
- Titan TS 40P or equivalent, Needle/Tip: 17/100
- Vapor 19000 or equivalent, 40 psi, Needle/Tip: 1.4mm

**Tinting**

Product can be tinted to a wide variety of colors using universal colorants. Golden Paintworks provides Benjamin Moore retailers with 28 specific color formulas that are created using our 4 tint base colors and Gennex colorants. (See dealer for details)

**Coverage:** Highly dependent on application technique and number of layers. Approx. 300-400 sq. ft. / gal.

**Dry Time:** @ 50% RH, 77° F:

- Dry to touch in 4 hours
- Let dry 6-8 hours before recoating.
- Full cure is developed in 4-6 weeks.
- Air movement and exchange will assist in proper drying.
- Cold weather & high humidity will slow down dry time.

**Clean Up**

Clean your skin and equipment immediately after use with soap and warm water. Consult with local authorities for methods of disposal.

**Storage**

Store in a cool/dry location at temperatures between 40°F and 90° F. Do not allow material to freeze or be exposed to temperatures exceeding 120° F for extended periods.

**Maintenance**

Clean surface with soap and water. Do not use ammonia-based cleaners. The application of a topcoat over metallic colors is generally not recommended, since a topcoat can reduce the reflective quality of the metallic. If a topcoat is desired, a gloss sheen will have the least impact on the surface reflectance.

# Metallic Paint Tintable Bases

## 000D294 – 000D297

### Standard Application

---

**Tools:**

9" roller cover and frame with a ½" to ¾" nap. Lint free, or clean before using the first time.  
4" roller cover and frame, in the same nap size and material as the 9" roller.  
Roller tray or screen and bucket.  
2" nylon brush

**First coat:**

Use the saturated 4" roller first and cut in around ceiling, corner and baseboard. Then, using the 9" saturated roller, apply the paint in a floor to ceiling strip to about 4 feet, evening out the paint as you go. Apply the next strip and continue until finished.  
Let dry at least 4 hours before recoat, preferably overnight.

**Second coat:**

This time, you want to maintain a "wet edge" for both the cut in and the main rolling. Use the saturated 4" roller first and cut in around ceiling, corner and base out to about 5 feet. Then using the 9" saturated roller, apply the paint in a floor to ceiling strip about 4 feet wide. Immediately back roll the paint in one direction from the ceiling to the floor with each roller width touching the one before. Do this with no pressure. Then start the next 4 foot strip and continue down the wall back rolling after each strip. You can increase the width of the strip as you become more proficient.

Resist the urge to "touch-up" the paint as it is drying. It will look uneven as it dries and that is normal.

**Spray application:** Thin to adjust for proper atomization using up to 2 parts paint to 1 part water. Spray equipment options:

- HVLP/Cup Gun
- Titan TS 40P or equivalent, Needle/Tip: 17/100
- Vapor 19000 or equivalent, 40 psi, Needle/Tip: 1.4mm

To avoid sagging, do not apply more than 4 mils wet paint.

### Metallic Paint "Matting Additive" 000D205-5

Metallic Paint Matting Additive is a concentrated dispersion of matting agents in an acrylic base that when added to GPW Metallic Paints, leaves a soft, velvet look that is more subtle and goes well with any décor. Add Matting Additive at a ratio of 1:10. Example: 2.9 oz. (approx. 6 tbsp.) per Quart of Metallic Paint, or 12 oz. (1.5 cups) of Matting Additive per Gallon of Metallic Paint. Some colors may require a 1:8 ratio of Matting Additive to reduce the sheen.

### Metallic Lace Effect

**Tools:**

2" nylon brush  
9" microfiber roller cover with ½" nap and frame  
6" Sponge roller with frame

One beautiful effect is to paint the wall first with the Matting Additive added to the regular metallic paint at a ratio of 1:8. This can be applied like regular paint without having to "back-roll" as described above. Allow to dry for 4 hours.

Apply the second coat using the regular Metallic Paint with a sea sponge roller. Apply the paint in random directions all over the surface with gentle pressure on the roller. It will leave a pattern on the surface that looks like metallic plaster but with half the effort.

### Painting on furniture and trim

GPW Metallic Paints will adhere to most other acrylic paints and primers as long as they are clean and have less sheen than a semi-gloss finish. It is usually a good practice to use a colored bonding primer that is close to the finished Metallic Paint color first to guarantee adhesion and 2 coat coverage.

Use a high quality **1.5" to 2" nylon brush** to apply the paint over small areas like spindles and trim. Always finish the strokes in one direction (as much as possible). Always maintain a wet edge when starting a new patch in the middle of a piece.

Over large areas like doors and cabinets, first apply the paint with a ½" nap 6" roller cover and frame, then immediately stroke the paint with a brush in one direction. Gently land the brush and feather off each stroke before the paint starts to dry. Start with a small area first and work up to a larger area as you become proficient.

## GPW Metallic Tintable Bases

Technical Data Sheet – Page 3 of 3

### 000D294 – 000D297

<u>Physical/Performance Property</u>	<u>Test Method</u>	000D294	000D295	000D296	000D297
		Bronze	Copper	Gold	Pearl
Weight per Gallon (in lbs.)	Gardner Cup	8.78	8.80	9.12	9.38
Specific Gravity	Calculated	1.05	1.06	1.09	1.12
Typical Weight Solids	Calculated	22%	23%	26%	30%
Typical Volume Solids	Calculated	17%	17%	18%	20%
Gloss/Sheen (85 degrees)	Gloss meter	50-70	50-70	30-40	20-30

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Consistency/Appearance	Visual Observation	Metallic liquid
pH (initial)	pH Meter	8.7 – 9.3
Viscosity	Brookfield RVT	1,000 – 2,000 CP (spindle 5, 100 rpms)
Odor	Subjective	Slight ammonia
Base Polymer	Known	100% Acrylic
Flash Point	Closed Cup	None (water based)
Freeze/Thaw Stability	Lab Test	Pass: 5 Cycles
Shelf Life	Lab Test	Expect 2 Years @ 77° F
Storage Conditions	Recommendation	Cool/Dry, Avoid Freezing/Heat
Application Temperature	Recommendation	50° F to 90° F (best results)
Paint-ability	Recommendation	Excellent @ 4 - 6 hrs. drying
Application Thinner	Recommendation	Thins with water
Clean Up	Recommendation	Warm, soapy water
Coverage Per Gallon	Recommendation	Highly dependent on application technique and substrate. Approx. 300-400 sq. ft./gal.

## Environmental & Transportation Information

VOC: <350 g/l  
Not RCRA Hazardous for disposal  
Not Dangerous Goods for shipping via any mode

**SEE SDS FOR ADDITIONAL INFORMATION**

## LIMITED WARRANTY

In the unlikely event of product failure, and determination by GOLDEN that product did not meet intended quality or published specifications, GOLDEN will, at its discretion, either replace the product or refund the purchase price as the customer's sole remedy. GOLDEN expressly disclaims liability for incidental and consequential damages, to the extent allowed by law.

**TDS Number: TDSD294\_D297**  
**Date of Issue: April, 2019**