

Mural Paints

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CPWSM01 – CPWSM64

Description

Golden Paintworks® Mural Paints are 100% acrylic architectural coatings pigmented with artist grade colorants, selected for superior quality and strength of color.

Mural Paints are suitable for exterior and interior applications, depending on the specific pigmentation of the color. Refer to pigment information within this document and on product labels for those colors intended for interior use only. Mural Paints may be diluted with water or an acrylic medium for use as glazes or washes in a wide range of techniques and are compatible with most waterborne products.

Key Features

- Strong, opaque, vibrant colors
- Thins easily for more transparent colors
- Exterior colorants selected for advanced lightfast qualities
- Single component, 100% acrylic waterborne formulation
- < 50 g/l VOC content. Complies with VOC regulations in all US jurisdictions
- Meets the criteria for LEED Credit 4.2 (Low Emitting Materials – Paints and Coatings)
- Water clean up

Surface Preparation

Golden Paintworks Mural Paints may be applied to most surfaces suitable for exterior latex paint, including drywall, wood, masonry, plastics and metal if these substrates are cleaned, prepared, and primed. Follow industry standard practices and procedures for preparing surfaces for the application of water-based architectural acrylic coatings.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a smooth, sound surface (See warning below). Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

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 –LEAD (in US) or contact your local health authority.



WARNING! May cause an allergic skin reaction.

Application:

- Stir contents before use.
- Brush, roller or spray apply.
- Apply when the substrate and ambient air temperature is between 50°F & 90°F. Ideal range is 65°F & 75°F.
- Ready to use; may be thinned with water for more transparent effects.
- May be thinned up to 10:1 with water for color washes.
- A protective clear coating is recommended over dilutions greater than 1:1 or any exterior application.
- For exterior or interior use, unless specifically noted as interior-only.
- Allow 1-2 hours drying time between coats.
- Testing your process and technique before applying to walls is recommended.

Tools:

Brush: A high-quality nylon/polyester brush is suggested.

Roller: Use a high quality 3/8" - 3/4" nap synthetic cover.

Spray equipment:

AIRLESS

No thinning is required, but product may be reduced with water as desired.

- GRACO Mark V: 2,400 – 2,600 PSI. 517 or 515 tip.
- Titan 44i, Latex (high) tip.

HVLP/Cup Gun:

Reduce 20% - 40% with water to adjust for proper atomization.

- Titan TS 40P, 17/000 tip
- Vapor 1900, 1.4 mm tip, 40 psi

When spraying, wear eye protection and particulate respirator.

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

Dry Time: @ 50% RH, 77°F: Touch 30 minutes. Recoat 1-2 hours.

- Air movement and exchange will assist in proper drying.
- Cold weather & high humidity will slow down cure time.
- A drying time of 12 – 24 hours is recommended before the application of protective clear coatings.

Clean Up

Clean your skin and equipment immediately after use with soap and warm water. Dispose of as latex paint.

Storage

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

Packaging

128 fl. oz. / 3.78 l Pail

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Item #	Description	Interior Only Colors	Physical/Performance Property & Test Method			
			Weight per Gallon (in lbs)	Specific Gravity	Typical Weight Solids	Typical Volume Solids
			Gardner Cup	Calculated	Calculated	Calculated
CPWSM01	Burnt Sienna		9.929	1.19	45.7%	34.6%
CPWSM02	Burnt Umber		9.774	1.17	45.6%	35.6%
CPWSM03	Carbon Black		9.164	1.10	36.6%	29.3%
CPWSM04	Chrome Oxide Green		10.289	1.24	47.3%	31.0%
CPWSM06	Dioxazine Purple*	X	9.264	1.11	42.6%	34.3%
CPWSM07	Hansa Yellow Opaque		9.225	1.11	42.5%	35.6%
CPWSM08	Phthalo Blue		9.338	1.12	43.8%	33.5%
CPWSM09	Phthalo Green		9.436	1.13	44%	32.8%
CPWSM10	Pyrrrole Red		9.237	1.11	39.9%	32.8%
CPWSM11	Quinacridone Magenta*	X	9.27	1.11	42.8%	35.3%
CPWSM12	Raw Sienna		10.001	1.20	45.5%	33.9%
CPWSM13	Raw Umber		10.04	1.21	45.1%	33.3%
CPWSM14	Titanium White		10.811	1.30	51.4%	36.4%
CPWSM15	Ultramarine Blue*	X	9.853	1.18	47.2%	36.7%
CPWSM16	Daylight Blue		10.833	1.30	52.6%	38.1%
CPWSM17	Pyrrrole Orange		9.241	1.11	40.3%	33.2%
CPWSM18	Yellow Oxide		10.006	1.20	44.8%	33.0%
CPWSM22	Bismuth Vanadate Yellow		9.849	1.18	44.6%	33.9%
CPWSM23	Pyrrrole Red Light		9.217	1.11	40.6%	33.7%
CPWSM24	Pyrrrole Red Dark		9.221	1.11	40.5%	33.5%
CPWSM25	Sap Green Hue		9.387	1.13	43.4%	33.2%
CPWSM26	Light Yellow		10.357	1.24	48.5%	35.4%
CPWSM27	Medium Yellow		9.863	1.19	44.6%	33.9%
CPWSM28	Yellow Orange		9.744	1.17	43.9%	33.8%
CPWSM29	Medium Green		9.511	1.14	43.9%	34.0%
CPWSM30	Yellow Green		9.736	1.17	44.4%	34.2%
CPWSM31	Light Yellow Green		9.844	1.18	44.5%	33.7%
CPWSM32	Hookers Green Hue		9.327	1.12	40.1%	38.5%
CPWSM34	Quinacridone Violet		9.359	1.12	42.5%	34.8%
CPWSM35	Crimson		9.205	1.11	40.0%	33.1%
CPWSM36	Light Blue GS		10.756	1.29	51.1%	36.2%
CPWSM37	Royal Blue		9.373	1.13	41.0%	32.9%
CPWSM38	Purple		9.807	1.18	45.8%	35.7%
CPWSM39	Paynes Gray		9.253	1.11	39.7%	32.3%
CPWSM60	Iridescent Pearl		9.699	1.17	47.3%	38.1%
CPWSM61	Iridescent Silver		9.699	1.17	47.3%	38.1%
CPWSM62	Iridescent Gold		9.733	1.17	48.0%	38.5%
CPWSM63	Iridescent Copper		9.312	1.12	42.9%	35.2%
CPWSM64	Iridescent Bronze		9.325	1.12	43.6%	36.0%

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<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Consistency/Appearance	Visual Observation	Liquid
pH (initial)	pH Meter	8.7 – 9.3
Viscosity	Brookfield RVT	2,500 – 4,500 cP (spindle 6, 100 rpms)
Odor	Subjective	Slight ammonia
Gloss/Sheen (85 degrees)	Glossmeter	5 - 25
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)
Paintability	Recommendation	Excellent @ 1 - 2 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.

* Quinacridone Magenta, Dioxazine Purple, and Ultramarine Blue are offered within the product range to produce a wider gamut of mixed colors for interior applications. While not recommended for exterior, if used in this manner a UV protective clear topcoat is required.

Environmental & Transportation Information

VOC: < 50 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: TDSCPWSM01-64
Date of Issue: March 1, 2018