Golden Artist Colors, Inc., New Berlin, New York 13411
607-847-6154 www.goldenpaintworks.com

Mural & Theme Paints
CPWTP01 – CPWTP83

Description
Golden Paintworks® Mural & Theme Paints are formulated using advanced, exterior pigment and resin technologies, to create an array of clean, intense, lightfast colors for mural work, painting and enhancing themed facades, rock work and entertainment venues.
Mural & Theme Paints are suitable for exterior and interior applications. All Mural & Theme Paint colors can be inter-mixed to create an endless array of fade resistant, custom colors. Mural & Theme Paints may be diluted with water or an acrylic medium for use as washes or glazes in a wide range of techniques and are compatible with most waterborne products.

Key Features
- Strong, opaque, vibrant colors
- Ready to use
- 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

Packaging
Available in 16 fl. oz. Jar and 128 fl. oz. / 3.78 l Pail

Surface Preparation
Golden Paintworks Mural & Theme 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 cracked 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.

Use in accordance with safe handling practices. These include: *Avoid eye and skin contact. *Wash hands after use. *When spraying or sanding use a NIOSH approved respirator. *Provide adequate ventilation.
KEEP FROM REACH OF CHILDREN.

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 with water, up to 10:1 (10 parts water to 1 part paint) for color washes.
- A protective clear coating is recommended for 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 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.

GPW GOLDEN PAINTWORKS.

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		Physical/Performance Property & Test Method					
		Weight per Gallon (in lbs.)	Specific Gravity	Typical Weight Solids	Typical Volume Solids	Viscosity	Gloss/Sheen
		Gardner Cup	Calculated	Calculated	Calculated	Brookfield RVT (spindle 6, 100 rpms)	Glossmeter
Item #	Description						
CPWTP01	Burnt Sienna	9.929	1.19	45.7%	34.6%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP02	Burnt Umber	9.774	1.17	45.6%	35.6%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP03	Carbon Black	9.164	1.10	36.6%	29.3%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP04	Chrome Oxide Green	10.289	1.24	47.3%	31.0%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP06	Dioxazine Purple*	9.264	1.11	42.6%	34.3%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP07	Hansa Yellow Opaque	9.225	1.11	42.5%	35.6%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP08	Phthalo Blue GS	9.338	1.12	43.8%	33.5%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP09	Phthalo Green BS	9.436	1.13	44%	32.8%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP10	Pyrrole Red	9.237	1.11	39.9%	32.8%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP11	Quinacridone Magenta*	9.27	1.11	42.8%	35.3%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP12	Raw Sienna	10.001	1.20	45.5%	33.9%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP13	Raw Umber	10.04	1.21	45.1%	33.3%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP14	Titanium White	10.811	1.30	51.4%	36.4%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP15	Ultramarine Blue*	9.853	1.18	47.2%	36.7%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP16	Daylight Blue	10.833	1.30	52.6%	38.1%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP17	Pyrrole Orange	9.241	1.11	40.3%	33.2%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP18	Yellow Oxide	10.006	1.20	44.8%	33.0%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP19	Transparent Red Oxide	9.467	1.13	43.2%	32.7%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP20	Transparent Yellow Oxide	9.503	1.14	43.4%	32.8%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP21	Transparent Brown Oxide	9.465	1.13	43.1%	32.5%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP22	Bismuth Vanadate Yellow	9.849	1.18	44.6%	33.9%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP23	Pyrrole Red Light	9.217	1.11	40.6%	33.7%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP24	Pyrrole Red Dark	9.221	1.11	40.5%	33.5%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP25	Sap Green Hue	9.387	1.13	43.4%	33.2%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP26	Light Yellow	10.357	1.24	48.5%	35.4%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP27	Medium Yellow	9.863	1.19	44.6%	33.9%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP28	Yellow Orange	9.744	1.17	43.9%	33.8%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP29	Medium Green	9.511	1.14	43.9%	34.0%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP30	Yellow Green	9.736	1.17	44.4%	34.2%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP31	Light Yellow Green	9.844	1.18	44.5%	33.7%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP32	Hookers Green Hue	9.327	1.12	40.1%	38.5%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP34	Quinacridone Violet	9.359	1.12	42.5%	34.8%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP35	Crimson	9.205	1.11	40.0%	33.1%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP36	Light Blue GS	10.756	1.29	51.1%	36.2%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP37	Royal Blue	9.373	1.13	41.0%	32.9%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP38	Purple	9.807	1.18	45.8%	35.7%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP39	Paynes Gray	9.253	1.11	39.7%	32.3%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP60	Iridescent Pearl	9.699	1.17	47.3%	38.1%	1,200 – 2,500 cP	50 - 70 (85 degrees)
CPWTP61	Iridescent Silver	9.699	1.17	47.3%	38.1%	1,200 – 2,500 cP	50 - 70 (85 degrees)
CPWTP62	Iridescent Gold	9.733	1.17	48.0%	38.5%	1,200 – 2,500 cP	50 - 70 (85 degrees)
CPWTP63	Iridescent Copper	9.312	1.12	42.9%	35.2%	1,200 – 2,500 cP	50 - 70 (85 degrees)
CPWTP64	Iridescent Bronze	9.264	1.11	36.4%	29.2%	1,200 – 2,500 cP	50 - 70 (85 degrees)
CPWTP76	Moss Yellow	9.417	1.13	43.0%	34.9%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP77	Phthalo Blue RS	9.361	1.12	43.7%	36.6%	2,500 – 4,500 cP	5 - 25 (85 degrees)

		Physical/Performance Property & Test Method					
		Weight per Gallon (in lbs.)	Specific Gravity	Typical Weight Solids	Typical Volume Solids	Viscosity	Gloss/Sheen
		Gardner Cup	Calculated	Calculated	Calculated	Brookfield RVT (spindle 6, 100 rpms)	Glossmeter
Item #	Description						
CPWTP79	Transparent Carbon Black	9.288	1.11	40.6%	32.7%	2,500 – 4,500 cP	5 - 25 (85 degrees)
CPWTP80	Iridescent Statuary Bronze	9.248	1.11	34.8%	27.1%	1,200 – 2,500 cP	50 - 70 (85 degrees)
CPWTP81	Iridescent Pale Gold	9.455	1.13	37.7%	29.2%	1,200 – 2,500 cP	50 - 70 (85 degrees))
CPWTP82	Iridescent Champagne	9.635	1.15	39.5%	29.8%	1,200 – 2,500 cP	50 - 70 (85 degrees)
CPWTP83	Transparent Black Oxide	9.652	1.16	45.0%	34.0%	2,500 – 4,500 cP	5 - 25 (85 degrees)

Physical/Performance Property	Test Method	Typical Result
Consistency/Appearance	Visual Observation	Liquid
pH (initial)	pH Meter	8.7 – 9.3
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 3 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.

* Dioxazine Purple, Quinacridone Magenta and Ultramarine Blue are not recommended for exterior applications, if used in this manner a UV protective clear topcoat is required.

ASTM D522 Standard Test Methods for Mandrel Bend Test: Golden Theme paints were tested in accordance with this standard, using aluminum test panels, primed with alkyd primer, followed by 10mil paint application, tested at 72F/45% RH, and passed with no indications of any cracking on the conical mandrel.

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.

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