

Acrylic Topcoats w/UVLS

CPWTPC3 – CPWTPC6

Technical Data Sheet – Page 1 of 3

Description

GPW Acrylic Topcoats with UVLS in Gloss, Semi-Gloss, Satin and Dead Flat are formulated with high-strength acrylic polymers and Ultraviolet Light Stabilizers to maximize color retention and durability in exterior settings. May be used for both exterior and interior applications. Dries with excellent clarity. The Acrylic Topcoats with UVLS may be intermixed to adjust sheen. All Acrylic Topcoats with UVLS are < 100 grams per liter VOC.

Key Features

- Interior/Exterior use
- Self-crosslinking, single component, acrylic waterborne formulation
- Offers protection against ultraviolet light exposure
- Resistant to yellowing
- Excellent flow and leveling
- Ready to use
- Soap & water clean up
- Complies with VOC limits in the US, Canada, EU and UK
- VOC (Volatile Organic Compounds) compliant architectural coating when used as part of a Faux Finishing or Graphic Arts (ie. murals) coating system.

Application:

- Stir well before using.
- GPW Acrylic Topcoats with UVLS are formulated to maximize flow and leveling. Apply in a smooth thin layer to avoid drips, runs, and puddling in recessed areas of textured surfaces.
- Remove any dust or dirt that may be on the surface before applying the topcoat.
- Brush or roller apply. The VOC level prohibits spray applications.
- Thinning not required; however, product may be thinned with water if needed. Thinning more than 40% may compromise working time, stability and adhesion.
- The Gloss, Semi-Gloss, Satin and Dead Flat Topcoats may be blended in any ratio to produce a full range of sheens.
- Best practice recommendation is for Semi-Gloss or Satin sheens when applying to exterior murals.
- Do not mix with oil paint.
- Apply only to clean, dry, painted or primed surfaces.
- Apply at room and surface temperatures between 60° F & 90° F.
- Let dry 12-24 hours before over coating with other products. Allow up to 90 days for a full cure.
- Test your technique on a practice board before applying to walls.
- For exterior or interior use.

For additional questions regarding this product, contact the GOLDEN Materials and Applications Department: help@goldenpaints.com.

Contains a biocidal product: Contains BIT. May produce an allergic reaction.

Brush application:

Use a high-quality, soft synthetic brush to apply the Acrylic Topcoats with UVLS. One to two coats are required. Brush quickly to ensure even coverage and leveling. Maintaining a wet edge when overlapping will yield the most even finish. Brushing too hard or too often will cause clouding or foam. Avoid overworking. Overworking can cause foam resulting in haze and loss of clarity. Apply a test sample first to ensure satisfaction. Let dry at least 3-6 hours before re-coating.

Roller application:

If applying to a smooth surface, apply with a 3/8" nap roller in a thin even coat, then immediately brush over lightly with a soft, synthetic brush to ensure an even application and reduced opportunity for foam. If applying to a textured surface, a heavier nap (up to 1/2" nap) roller may be used to speed the transfer of material. Spread the Acrylic Topcoats with UVLS evenly in a thin layer to avoid runs and dripping, immediately followed by a light brush over. Avoid overworking. Overworking can cause foam resulting in haze and loss of clarity. If the Dead Flat finish is applied too thickly it may haze due to the nature of the matting solids. If working over a dark color, apply a test sample first to ensure satisfaction. Let dry at least 3-6 hours before re-coating.

Tools:

- **Brush:** High quality, soft synthetic bristle brush.
- **Roller:** 3/8" to 1/2" nap Microfiber roller is recommended.

Coverage:

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

Dry Time: @ 50% RH, 77° F: Recoat in 3-6 hours.

- Full hardness is developed in 2-4 weeks.
- Air movement and exchange will assist in proper drying.
- Cold weather & high humidity will slow down cure time.

Clean Up

Clean your skin and equipment immediately after use with soap and warm water. Keep tools wet while working. Dispose of as latex paint.

Storage

- Store in a cool/dry location at temperatures between 45° F & 95° F.
- Do not allow material to freeze or be exposed to temperatures exceeding 120° F for extended periods.

Packaging

32 fl. oz. / 946 ml can
128 fl. oz. / 3.43 l can
5 gallon / 18.9 l pail

Acrylic Topcoats w/UVLS

CPWTPC3 – CPWTPC6

Technical Data Sheet – Page 2 of 3

Physical/Performance Property	Test Method	CPWTPC3	CPWTPC4	CPWTPC5	CPWTPC6
		Acrylic Topcoat w/UVLS Dead Flat	Acrylic Topcoat w/UVLS Satin	Acrylic Topcoat w/UVLS Semi-Gloss	Acrylic Topcoat w/UVLS Gloss
Weight per Gallon	Gardner Cup	8.61	8.67	8.72	8.71
Specific Gravity	Calculated	1.03	1.04	1.04	1.04
Typical Weight Solids	Calculated	34%	38%	39%	38%
Typical Volume Solids	Calculated	33%	38%	38%	38%
pH (initial)	pH Meter	8.7-9.0	8.7-9.0	8.7-9.0	8.7-9.0
Viscosity	Brookfield RVT	800 – 1000 cP (spindle 4, 100 rpms)	800 – 1000 cP (spindle 4, 100 rpms)	800 – 1000 cP (spindle 4, 100 rpms)	1000 – 1200 cP (spindle 4, 100 rpms)
Gloss/Sheen	Glossmeter	<5 (85 degrees)	20-30 (85 degrees)	55-65 (85 degrees)	93-100 (85 degrees)
Base Polymer	Known	Self-Crosslinking Acrylic	Self-Crosslinking Acrylic	Self-Crosslinking Acrylic	Self-Crosslinking Acrylic

Physical/Performance Property	Test Method	Typical Result
Consistency/Appearance	Visual Observation	White Liquid
Odor	Subjective	Slight ammonia
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	60° F to 90° F (best results)
Paintability	Recommendation	NA
Application Thinner	Recommendation	Thins with water
Clean Up	Recommendation	Warm, soapy water
Coverage Per Gallon	Recommendation	Highly dependent on application technique and number of layers, but generally 300-400 sq. ft. per gallon

Environmental & Transportation Information

USA/Canada: VOC <100 g/l
EU/UK VOC: Cat A.i/<40 g/l
Not RCRA Hazardous for disposal. Dispose of as latex paint.
Not Dangerous Goods for shipping via any mode.

SEE SDS FOR ADDITIONAL INFORMATION

Acrylic Topcoats w/UVLS CPWTPC3 – CPWTPC6

Technical Data Sheet – Page 3 of 3

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: TDSCPWC3C6

Date of Issue: May 10, 2024 (Revised September 2026)