

Swimming Pool Paint

Technical Data Sheet (TDS)

Product Description

Crown Swimming Pool Paint is single component chlorinated rubber-acrylic concrete swimming pool coating.

Product features:

- Unique blend of chlorinated rubber and acrylic
- Low to No HAPS
- Brush, roll, spray application
- Available in various colors

Recommended Uses

Crown Swimming Pool Paint is intended for industrial applications; either new build or maintenance.

Crown Swimming Pool Paint is ideal for the interior or exterior new or previously painted pools.

Application Areas:

- Gunitite pools
- Masonry pools
- Plastered pools
- Other Concrete and Masonry surfaces above and below ground

Mixing

Crown Swimming Pool Paint is a single component ready to use product.

Stir each container thoroughly prior to use.

Material is packaged at a viscosity requiring little or no reduction for application by airless spray equipment. For other spray methods, refer to Spray Gun Setup section.

Product Characteristics

Typical Physical Properties

Gloss: Satin Finish 20-35 GU at 60°
Volume Solids Single Component: 45% +/- 2%

VOC Single Component: E1100 White
(EPA Method 24):473 g/l (3.95 lb/gal)
Note: The VOC level will vary per color.

Weight Gallon: 10.6 lb/gal ± 0.2 lb/gal

Shelf Life: 2 years at 77°F (25°C)

Note: For unopened product

Surface Prep

Surfaces to be finished must be clean, dry and free of dirt, oil or any contamination that would adversely affect adhesion, protective properties or appearance of the coating.

For specific instructions, refer to the **Swim Time Swimming Pool Paint** preparation and application guide.

All other substrates contact your Crown representative.

Application Method

Crown Swimming Pool Paint can be applied by brush, roller, conventional air, air-assist airless, or airless. This product may also be applied with electrostatic and/or heated equipment.

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Spray Gun Setup

Feed Type	Fluid Tip	Application Pressures (heel of gun)	Fluid Delivery
Siphon Feed	1.6-1.8 mm	40-50 psi	
Gravity Feed	1.6-1.8 mm	30-40 psi	
Pressure Feed	1.4-1.8 mm	50-60 psi	10-14 oz/min
Air Assist Airless	0.009-0.017"	1,000-1,800 psi	
Airless	0.011-0.015"	1,700-3,000 psi	

Spray Viscosity

75-80 KU at 77°F	Reduce as necessary*
Conventional	Airless

Note: Spraying viscosity and thinning will depend on ambient conditions, spray equipment used, and the desired surface finish.

Note: Material is packaged at a viscosity requiring little or no reduction for application by airless spray equipment.

IF thinning is required:

Cool Weather: Below 65°F (18 °C)

Use: Toluol/TS100

Normal Weather: Below 65°F- 80°F (18 °C-27 °C)

Use: Xylol/TS105

Hot Weather: Above 80°F (27 °C)

Use: Xylol/TS105 and/ or SC-100 or SC-150 can be used as a retarder solvent to reduce dry spray and increase flow and leveling. Limit the level of SC-150 to 5% as a retarder solvent.

Film Build

Crown Swimming Pool Paint has a recommended film build thickness of:

**Wet (unreduced): 3-6 mils wet
(75-150 microns)**

Dry: 1.5-3.0 mils dry (37-75 microns)

Theoretical coverage at 1.0 mil (25 microns)
 DFT: 721 ft² per gallon at 100% transfer efficiency.

Dry Times

	70°F (21°C)
To Touch	2 Hours
To Handle	6 Hours
To Recoat	8 Hours
Through Dry	18 Hours
Before Water Immersion	5 Days

Note: Dry Times are subject to ambient conditions (temperature and humidity) and good airflow and film build of the product.

Optimum drying conditions are 60°F - 90°F (16°C - 32°C) at 50% R.H.

Note: Lower temperatures and high humidity will slow dry.

Surface must be dry and at least 5°F above the dew point.

Note: Never apply to masonry surfaces that are high in moisture content (above 20%), check with a moisture meter.

Product may also be force cured to enhance dry. Force cure temperatures in the range of 110-180°F may be utilized to accelerate solvent evaporation and speed oxidation.

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Clean Up

Clean all equipment immediately after use with xylol, aromatic solvent, acetone, or MEK for spray guns and line, pots and other equipment

Follow manufacturer's safety recommendations when using any solvent.

Ordering Information (sizing)

Available in Gallon, 5-gallon, and 55-gallon drum. Custom colors and sizes may be available.

Environmental Conditions

For optimum coating performance product, substrate and ambient temperature should be above 50°F (10°C). To prevent condensation during application the surface temperature must be 5°F (3°C) or more above the dew point at all times.

Note: For use outside this range please contact your Crown Representative.

Storage Conditions

Storing partially used container:

Pour a small amount of the recommended thinner over the surface. Do not stir. Replace lid securely.

Store away from heat or open flame.

Mix thoroughly before reusing.

Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be obtained by contacting Crown Paint.