

RUST-OLEUM®



**HIGH PERFORMANCE
EPOXY POOL PAINT**

DESCRIPTION AND USES

High Performance Epoxy Pool Paint is designed for concrete, masonry, steel, gunite, and fiberglass swimming pools, slides, fountains and spas. The epoxy finish provides stain, chemical, and abrasion resistance. While exposure to sunlight and certain interior lighting conditions causes fading and chalking of all epoxy type coatings, these changes are cosmetic in nature only and film integrity and performance will not be adversely affected. Epoxy coatings will yellow with age. This is most noticeable with interior applications of white or light colors which are not subjected to bleaching from sunlight.

PRODUCTS

2-Gallon Kits	Description
267919	White
267940	Blue
270182	Black

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Clean & Prep Solution or other suitable cleaner. Rinse with fresh water and allow to dry. Surfaces can also be cleaned using a high pressure washer at 3,500 psi.

CONCRETE and MASONRY: New concrete or masonry must cure 30 days before any coatings application. Remove all loose, unsound concrete. Remove laitance and create a surface profile by either acid etching with Rust-Oleum 108402 Cleaning and Etch Solution, or by grinding. Surface sealers and curing agents must be removed by grinding.

PREVIOUSLY COATED and FIBERGLASS: Previously painted epoxy or bare fiberglass surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding or sweep blasting to create a surface profile. The High Performance Epoxy Pool Paint is compatible with most coatings, but a test patch is suggested.

STEEL: Abrasive blast clean to a minimum SSPC-SP-6 Commercial Grade, with a surface profile of 1-2 mils (25-50µ).

MIXING

Both the base and activator components are highly pigmented. Mix each component thoroughly to ensure any settled pigment is re-dispersed before combining the components together. Combine at a 1:1 ratio by volume in a container large enough to hold the total volume. Mix thoroughly for 2-3 minutes. Power mixing is preferred. Do not mix more material than you plan to use within the listed pot life.

PRODUCT APPLICATION (cont.)

APPLICATION

Apply by airless spray or roller when the air and surface temperatures are between 60-100°F (15-38°C) and the surface temperature is at least 5°F (3°C) above the dew point. Maintain adequate ventilation when coating interior pools. The relative humidity should not be greater than 85%. Extremely high or low relative humidity can affect dry times and the final gloss of the coating. Low curing temperatures and/or condensation on the film while curing can affect appearance in the form of an amine blush. This can generally be removed with soap and water. In a case of extreme blushing, the performance of the coating may be slightly affected.

Two full coats of High Performance Epoxy Pool Paint are required on bare, uncoated, substrates. Apply each coat to a uniform finish within the published coverage rate.

NOTE: If curing time exceeds 30 days, the surface must be scarified by sanding, or other method, prior to application of an additional coat or other finish coating.

Note: Early chalking may occur if the pH of the water is outside the range of 7.2-7.6 and/or the water temperature exceeds 100°F (38°C). Early contact with water can cause premature fading, chalking and blistering. Super chlorinated water can cause a bleached-out appearance. Sunlight and UV will cause chalking and fading. **Do Not** use over chlorinated rubber, synthetic rubber, vinyl or acrylic substrates.

Allow the coating system to cure for 7 days prior to filling the pool with water.

EQUIPMENT RECOMMENDATIONS

BRUSH (for touch-up only): Use a good quality natural or synthetic bristle brush.

ROLLER: Use a good quality lamb's wool or synthetic fiber, 3/8" nap roller cover with a plastic or phenolic core.

AIRLESS SPRAY:

Fluid Pressure	Fluid Tip	Filter Mesh
1800-3000psi	0.013-0.017	100

CLEAN-UP

When finished, wash tools and equipment with 160 Thinner or xylene. Clean up drips or spatters **IMMEDIATELY** with 160 Thinner or xylene as dried paint is very difficult to remove. Properly dispose of all soiled rags.



PHYSICAL PROPERTIES

		High Performance Epoxy Pool Paint	
Resin Type		Polyamide converted Epoxy	
Pigment Type		Varies with color	
Solvents		Exempt halogenated solvent Benzyl alcohol (activator only)	
Weight*	Per Gallon	12.5-13.2 lbs.	
	Per Liter	1.5-1.6 kg	
Solids*	By Weight	78.9-82.9%	
	By Volume	75.7-79.7%	
Volatile Organic Compounds*		<100 g/l (0.83 lbs./gal.)	
Mixing Ratio		1:1 Base to Activator (by volume)	
Practical Coverage (assume 15% material loss)		270-350 sq.ft./gal.** (6.6-8.6 m ² /l)	
Induction Period		30 Minutes required	
Pot Life† @70-80°F (21-27°C) and 50% Relative Humidity	2 gallons	2-4 hours at 70°F (21°C)	1-2 hours at 90°F (32°C)
	10 gallons	2 hours at 70°F (21°C)	<1 hour at 90°F (32°C)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Tack-free	8-10 hours at 70°F (21°C)	16-24 hours at 50°F (10°C)
	Handle	10-16 hours at 70°F (21°C)	48-72 hours at 50°F (10°C)
	Recoat	24 hours to 30 days at 70°F (21°C)	72 hours to 30 days at 50°F (10°C)
Return to Service		7 Days	
Shelf Life		5 years	
Flash Point		Base: 115°F (46°C): Activator: 116°F (47°C)	
Safety Information		For additional information, see SDS	

Calculated values are shown and may vary slightly from the actual manufactured material.

* Activated Material

** Coverage rate may be less on bare concrete and will vary depending on the texture and porosity of the concrete

† Pot life is affected by air temperature, amount of material activated and quantity of thinner used. Avoid activating large quantities at temperatures above 80°F (27°C). At temperatures above 90°F (32°C), the pot life of unthinned material in 5 gallon pails may be very short (less than one hour).

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.