



# SWIMMING POOL PAINT



## INSL-X® EPOXY POOL PAINT POOL PAINTING GUIDE

Insl-x® Epoxy Pool Paint is a high solids, two component coating that offers excellent chemical and abrasion resistance and can be applied over most existing epoxy pool paints in good condition as well as steel and fiberglass. This paint may also be used on bare concrete, marcite, gunite and other masonry surfaces in sound condition.  
 Note: The application of any paint to a pool surface that is in need of resurfacing, will lead to premature failure of pool paint.

For this reason, Insl-x® recommends contacting a licensed pool contractor if there are any signs of surface failure such as loose, flaking or chipping marcite, gunite or concrete. This product is not suitable for use on stainless steel, aluminum, or galvanized metal. The sparkling high-gloss finish provides a tile like finish that resists algae and is easy to clean and maintain.

Important - Before Painting: Follow all instructions in this brochure and on the product label completely before using this product. Failure to follow these instructions could result in premature paint failure.

### IMPORTANT POOL PAINT TIPS

Do not apply this coating over any rubber base or water base pool paints. All pool paints should only be applied over the same type of paint which is currently on the pool. To test for the type of coating on the pool, wipe on some Solvent Alcohol and Xylol in an inconspicuous area. If the coating softens under the Alcohol, it is probably a water based coating. If the coating softens under the Xylol, it is probably a rubber based coating. If there is no softening under either solvent, it is probably an epoxy.

Do not paint in direct rays of the sun.

Painting a very hot surface in direct sunlight will cause blistering and pinholes due to evaporation of the solvents in the paint. For best results, paint when the sun's rays are very low and follow the sun's rays around the pool, painting in the shaded areas as much as possible. Most applicators find that getting a coat of paint on the pool very early in the day when the sun is rising and shade is at its greatest is the best approach to the project. The sun is also not very intense at this time. The best time to paint is when the temperature is between 65°F (18.3°C) and 85°F (29.4°C).

Do not paint if rain is expected within 4-6 hours.

Dampness, rain, and excessive humidity will retard paint drying and extend the cure time required before refilling pool.

Do not use muriatic acid on any painted surface.

Muriatic acid should only be used if necessary on bare masonry to get a slight profile prior to painting.

Prepare painted surfaces adequately.

Proper surface preparation is critical to obtaining a satisfactory paint job. There are no shortcuts. Even if the pool has been sandblasted, it will be necessary to follow the cleaning instructions recommendations.

Do not apply heavy coats of paint.

This will cause blisters, chalking, peeling and other premature failures.

Do not fill pool before paint has cured.

Allow paint to dry for a minimum of 7 days after final coat before filling

pool. If it is an indoor pool, allow an additional 7 days drying time and provide good air circulation throughout the entire drying process. The solvents contained in epoxy pool paint are heavier than air and must be allowed to evaporate to insure proper curing of the epoxy paint.

### SURFACE PREPARATION

Any imperfections such as cracks, holes, and gouges should be filled with proper patching materials and acid etched according to manufacturer's directions. The pool surface to be painted must be clean and free of oil, grease, wax, dust, dirt, mildew, suntan oils, and any other surface contaminants prior to painting.

### New or Unpainted Steel Pools:

Pool must be free of all rust or other residues. If the pool is painted and more than 2-3% of the paint film has failed, then fully remove all paint by sandblasting to an SSPC-SP-10 near White Metal Blast is recommended. Scrub the entire surface with a citrus-based degreaser/cleaner. Wipe the entire surface with epoxy reducer using clean rags (rags must be changed frequently to insure all residue is removed). Apply 1 coat of Epoxy Primer followed by 2 coats of Epoxy pool paint.

### New or Unpainted Concrete Pools:

Pools should not be painted for 60 days after construction is completed in order for concrete to cure completely. Clean concrete surfaces should be etched with a 10% muriatic acid solution (Add 1 gallon of 20% hydrochloric acid to 1 gallon of water to obtain a 10% solution. Always pour acid into the water to dilute. Never pour the water into the acid to dilute).

When acid etching you must wear proper protective equipment: gloves, goggles, mask for fumes, long sleeve and full length pants and shoes are a minimum.

Brush the acid solution on the concrete surface using a long handled fiber scrub brush. When the bubbling stops (usually after 10-15 minutes), hose down with plenty of clean water making sure all acid residue is removed.

Always work in small sections at a time. This will prevent the acid from drying on the surface. This process may have to be repeated several times until the concrete stops reacting when the muriatic acid is applied. Wash concrete with a citrus-based degreaser/cleaner and rinse well to complete the preparation process. Do not allow the cleaner to remain on the surface for more than 15 minutes. Do not use a soapy type cleaner on bare concrete surfaces as it will leave a soapy film residue on the surface. Properly prepared surface should feel like fine sand paper when finished.

Allow the pool to dry 7 days after cleaning prior to application of the first coat of paint. A good test to make sure the surface is dry before painting is to tape down a 2' by 2' piece of clear plastic and check for condensation after 12-24 hours. If there is condensation under the plastic, the pool is not dry enough to paint.

### Previously Painted Concrete Pools:

The pool surface to be painted must be free from all oil, grease, wax, dust, dirt, mildew, suntan oils, and any other foreign contaminant before painting. All loose scaling or peeling paint or badly deteriorated surfaces must be sand blasted for proper paint removal and preparation. All holes, cracks, surface breaks or gouges must be prepared using proper patching materials. Most repair products are available from your local pool supply store. Wash all surfaces with a citrus-based degreaser/

cleaner. Pay special attention around the water line (top 2 feet of pool) and any steps which are to be painted. These areas tend to accumulate the greatest amount of floating oils residue and other contaminants like suntan lotions and dirt.

The use of a high pressure washer is extremely helpful but scrubbing the waterline area and steps is required to properly prepare the surface. When using a high pressure washer use a low pressure setting to avoid damaging the pool surface. Rinse thoroughly after cleaning. All glossy surfaces should be sanded to obtain adequate adhesion of the new pool paint.

Pool must dry for at least 7 days after cleaning before paint can be applied.

### APPLICATION

This product has a limited pot life when mixed. Pot life is 6 hours at 77°F or 3 hours at 90° F. Induction time is 30 minutes 77°F or 2 hours @ 50°F. Do not mix more material than you can apply in 6 hours @ 77°F. Stir both components thoroughly before mixing them together. Slowly add an equal amount of component "B" to component "A" stirring continuously to achieve a smooth homogeneous consistency. If possible, mix all containers of paint together to ensure color uniformity on the pool. Allow a 30-minute induction time @ 77°F for the mixed components, stir again and use.

Apply by brush, roller or spray. If painting by roller, you must use a 3/8" nap or less lambskin roller. Do not use a long nap roller as it will cause chalking, blistering and put too much paint on the surface. Two light coats are recommended rather than one heavy coat. Applying too heavily will cause premature pool paint failure.

On bare masonry surfaces, apply one coat of pool paint and allow to dry for 12-24 hours. Apply the second coat, keeping the coat as close to the recommended spread rate as possible. Applying too thick a coat or excessive coats can result in paint blistering. Pool paint contains fast evaporating solvents and if you over roll the paint it will set up and create pin holes and have a finish that looks very coarse and rough.

You must allow the final coat of pool paint to dry thoroughly before filling the pool. The final coat must dry for at least 7 days and you must provide forced ventilation over the painted surface using fans or blower. If painting an indoor pool you must let the final coat of paint dry for 14 days using the same power ventilation.

Pool paint contains solvents that are heavier than air and if you do not use forced air fans or blowers to ventilate the pool surface area these solvents will sit trapped in the pool and prevent the pool paint from curing properly. This will lead to a premature paint failure.

If you desire a more slip proof surface for pool steps or other areas, add approximately 1 pound of clean silica sand to one gallon of swimming pool paint, stir well, and use as final topcoat. Clean all equipment promptly after use.

### SPRAY APPLICATION

Do not thin. Always mix paint thoroughly and box all gallons to insure color uniformity.

This product can also be sprayed:  
 Airless Spray: 2000-2500 PSI. Tip size .015-.019.

### COVERAGE

Under normal circumstances, average spreading rate is 350-400 sq. ft. per gallon.

Material loss during application and mixing will vary by project but should be taken into consideration when estimating the project requirements. The following Chart will give approximate swimming pool paint required for 2 coats at the recommended spread rate.

Pool Size	Gallons Needed
12 x 24	4
15 x 30	6
20 x 40	8
25 x 45	10
25 x 100	20
30 x 60	14
40 x 100	30

### CLEANING APPLICATION TOOLS

Clean all equipment promptly after use with a solvent-based reducer followed by warm soapy water as soon as possible after application.

### GUARANTEES

Insl-x® swimming pool paints are supported by continuing research and development. We are engaged in continual efforts to extend the performance and serviceable life of our products. We are committed to continued development of products destined for new applications. Insl-x® coatings are among the finest available today. When we distribute our pool paint products, we have no control over the application or any other condition, which could affect the results obtained. It will help eliminate problems by following our instructions completely. The liability of Insl-x® is strictly limited to the replacement of any product proven to be defective at the time of application.

(Available Colors)

- Red IG-4001
- White IG-4010
- Black IG-4020
- Royal Blue IG-4024
- Ocean Blue IG-4042

Insl-x®  
 Manufactured by Benjamin Moore & Co.  
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