INSL-X® WATERBORNE POOL PAINT
POOL PAINTING GUIDE

Insl-x® Waterborne Pool Paint is a waterborne acrylic emulsion pool paint that can be applied over most existing pool paints in good condition. 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 recommended for metal, fiberglass or vinyl lined pools

Once Insl-x® Waterborne Pool Paint is used, do not recoat with any other coating system for future paint applications.

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 paint in direct sun.
Painting a very hot surface in direct sunlight will cause blistering and pinholes due to a rapid 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 surface temperature is between 50 °F (10 °C) and 90 °F (32 °C).

Do not paint if rain is expected within 4-6 hours.
Dampness, rain, and excessive humidity will retard paint curing time required before filling 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.
All glossy surfaces or surfaces previously painted with an epoxy coating must be sanded completely, using an #80 grit sandpaper to obtain proper paint adhesion. Remove all sanding dust with clean damp rags. Doing a test patch first on this type of surface prior to painting is recommended to ensure adequate adhesion.

Do not fill pool before paint has cured.
Provide fans and power ventilation while drying. In good drying conditions, an outdoor pool requires 7 days of good weather before refilling the pool. For every day of rainy weather, add one more day to the 7 days. Indoor pools require 2 weeks due to the reduced ventilation and circulation inherent with indoor pools.

SURFACE PREPARATION
Any imperfections such as cracks, holes, and gouges should be filled with proper patching materials suitable for pool use. Acid etch the patch according to manufacturer directions. 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.

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, bare concrete surfaces should be acid etched with a 10% muriatic acid solution. (Add 1 gallon of 20% hydrochloric acid to obtain a 10% solution. Note and precaution: Always pour acid into the water to dilute, NEVER POUR WATER INTO THE ACID TO DILUTE.)

When acid etching, wear proper protective equipment: Gloves, goggles, mask for fumes, long sleeves, full length pants and non-slip shoes.

Using a plastic sprinkling pail, spread acid solution as evenly as possible. Acid solution will start to bubble slightly (effervesce) as it is working on the surface. When bubbling stops, usually after about 10-15 minutes, hose down with plenty of clean fresh water, making sure all acid solution residue is removed. Always work in small sections at a time. This will prevent the acid from drying on the surface.

Properly prepared surface should feel like fine sand paper when finished.

The pool must be allowed to dry thoroughly for a minimum of 24 hours after cleaning prior to the application of pool paint. Surfaces may be damp when applying paint (A damp surface is when no free water appears on the palm of the hand after pressing on the pool surface).

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. Pools that have been painted with water thinned cement type paint must be sandblasted.

APPLICATION
To insure uniform paint composition and color, pour off most of the paint into a clean, empty bucket. Stir the remaining portion in the bottom of the can, and as you are stirring, gradually pour the paint from the other container back into the original container. If possible, mix all pails of paint together to insure color uniformity on the pool.

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 thin coats are recommended rather than one heavy coat. Applying too heavily will cause premature pool paint failure.

Apply one coat of pool paint that has been thinned with one pint of clean water per gallon of paint and allow to dry for 4-6 hours. Apply the second coat, unthinned, 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. Allow final coat to cure 5 days before filling pool with water.

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 a final topcoat.

Clean all equipment promptly after use with warm soapy water.

SPRAY APPLICATION
Thin paint approximately 10-15% by volume using clean water. Always mix paint thoroughly and box all gallons to ensure color uniformity.

Conventional Air: 50 to 90 PSI. Tip size 765 cap and E needle.

Airless Spray: 2000-2500 PSI. Tip size .013 to .017.

COVERAGE
Under normal circumstances, average spreading rate is 250-300 sq. ft. (23.2-27.9 sq. meters) 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	9
25 x 45	13
25 x 100	27
30 x 60	20
40 x 100	38

CLEANING APPLICATION TOOLS
Clean all exposed skin areas and application tools with 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 WR-1002
White WR-1010
Aquamarine WR-1019
Satin Black WR-1020
Ocean Blue WR-1023
Royal Blue WR-1024