



## TECHNICAL DATA SHEET

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### Pool Painting 101

We look at painting a wall and say "no problem". We buy the paint and apply it. When we see our swimming pool is stained, we call "an expert". Depending on where your expert is from, he will advise you "we need to break out the old plaster and re-plaster the entire pool" or "we will come in, drain the pool and acid etch it". These are not your only options. If the plaster is sound and in need of revitalization, it can be painted.

Painting your pool is no more difficult than painting a wall in your home. The key is product selection and to make sure you follow the manufacturer instructions and follow the three "P's" of painting --- Preparation, Preparation, Preparation.

We at Intrepid Coatings have been making pool paint for over 25 years. Our customers include Water World, Sun Splash, City of Phoenix, City of Yuma, General Services Administration (United States government), and many more. The following instructions will insure that your pool painting experience will be stress free and afford you not only the pride of ownership, but also the pride that you were able to revitalize your pool yourself.



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**Preparation:** The key to a long lasting paint job on any surface is preparation. Your swimming pool is no different. Preparation is everything.

**ACID ETCH:** Wearing rubber gloves and splash proof glasses, blend one (1) gallon of muriatic with four (4) gallon of water (always add acid to water). Spread this blend (using a broom) over the entire surface to be cleaned (make more if needed) and let stand for 15 to 25 minutes, flush well with clean water. Now broadcast baking soda over the acid washed area, scrub lightly with a broom and let stand for 15 to 25 minutes. This will neutralize the surface and help in cleaning. Flush with lots of clean water. Empty pool and let dry (two days of warm dry weather minimum). Now you are ready to paint.

**PAINTING:**Note: Xylene and our pool paint are flammable materials. Use proper precautions in handling. Keep away from all sparks, flame or other ignition sources. Even though you are painting outside, we recommend you wear a respirator designed for chemical use, safety glasses and gloves (please read M.S.D.S. before use).

You will be applying two coats. For your first coat you will need to reduce the material (paint) from 20% to 25% (by volume) with Xylene (mix in one quart of Xylene per gallon of paint). This will allow the first coat to "strike in" and insure adhesion. DO NOT paint in the direct sunlight. It is best to paint late afternoon or early evening when the pool is in shade.

**FIRST COAT:** Here you need to check to see if your surface is still clean. It is a good idea to give it a once-over with a wet dry vacuum before you start. Start painting by "cutting in" with a brush all areas that are difficult to reach with a roller. Allow the "cut in" areas to dry two hours or so before you begin rolling.

Roll as you would the walls inside your house. Use even strokes and make sure you overlap. Change direction often. Do not overwork the paint (if you get "strings" off your roller you are overworking the paint --- it is drying as you are rolling). Keep a wet edge while painting. Let the first coat dry overnight.



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As the first coat dries, it may look “blotchy” in places. Don’t worry, these are the areas where the coating is “striking in” and sealing the surface. These blotches will even out with the second coat.

**SECOND COAT:** Reduce with Xylene about 5% to 10% by volume. (Hint: it is best to do this coat in bare feet, shoes may leave a print that will telegraph to the second coat). Like with the first coat, cut in areas with a brush that are difficult to reach with a roller. (If there is a lot of brush drag, add a touch more Xylene). Now roll the second coat. Once more, take your time and get an even coat. Make sure there are no drips or runs (keep a small brush handy to take care of any drips or runs).

That’s it ! You’re done ----- Now stand back and take a look. Let the coating dry overnight. Check out the whole job. If you see any blisters (you may get some small ones from the coating drying too fast) take a small blade and cut the blister off. Use some fine grit sandpaper (100 or so) and feather out the area. Clean and use a small brush and fill in the blistered area. Do not overload the area ----- use two thin coats to fill the blistered area.

All you do now is wait. Give the coating a full 5 to 7 days dry time (warm dry weather) fill your pool and enjoy!