

SURFACE PREPARATION

THE MOST IMPORTANT PART OF A SUCCESSFUL RAMUC PAINT APPLICATION

All surfaces to be painted must be clean (no grease, dirt, oils), dry (if using a solvent based paint), and sound (no crumbling plaster, hollow areas).

A. General Surface Preparation

1. Plaster, concrete, or gunite surfaces should be tested for integrity and soundness. Determine with a golf ball or ball peen hammer. Do minor repairs, such as cement patch or concrete filling at this time.
2. Previously painted epoxy or fiberglass surfaces need to be abraded, with no more than 80 grit sandpaper.
3. ALL surfaces must be power washed with a 3500 psi power washer to remove all loose and peeling paint.

B. One or three steps to clean your pool

1. One step method – Use RAMUC CLEAN AND PREP SOLUTION, a combination of phosphoric acid and detergent. Dilute as directed on the label and apply with a garden sprayer. Scrub with a stiff bristle brush. The acid will foam and etch and the detergent will clean. Flush off all bubbles with a garden hose.

Or

2. Three step method – (1) Scrub the entire surface with tri-sodium phosphate - about 8 ounces of TSP in a gallon of warm water – cleans about 200 square feet. Don't let the solution dry on the surface! (2) Etch with a solution of muriatic acid (or sulfamic acid) and water (about two gallons per gallon of water). Solutions of acid are typically sold in 15 -36% dilutions. Remember – always pour acid into the water. Never water into acid. Watch the acid foam on bare concrete and plaster – it's working!! You are looking for a medium grade sandpaper finish. Don't let the acid dry on the surface. (3) Now, you MUST neutralize the acid with another wash of tri-sodium phosphate, especially if you are recoating a previously painted surface.

C. Perform the condensation test if using a solvent based paint like Ramuc Type A, A-2, PRO 2000, Type EP, or EP Hi Build.

The pool surface must be completely dry prior to painting.

Tape 2'x2' pieces of clear plastic to the shallow end floor, deep end floor, and deep end wall in the shade. Wait 4 hours. Any condensation? Remove the plastic and perform the test again in 24 hours. When no condensation occurs, the surface is ready to paint!