

ECOPOXY Pool Surface Preparation Instructions

The procedures and recommendations here are to establish guidelines for the application of **ECOPOXY AQUA PURA** Pool Coating.

Surface preparation is the most important step in the application of **ECOPOXY AQUA PURA** Pool Coating. Improper surface preparation is responsible for most of the problems associated with disbanding and delamination of coatings on concrete, masonry and fiberglass surfaces. As much care as possible must be taken to insure a good surface preparation. The entire pool surface must be thoroughly cleaned using a high pressure cleaner to remove any loose marcite, plaster, coatings or other surface contaminants or residue.

ECOPOXY CLEANER can be used to clean Cementous surfaces which have an acceptable profile for coating. It is recommended to remove any existing coatings unless epoxy or chlorinated rubber base that must be well bonded. When removing coating use **ECO OFF** paint remover for through removal. Well bonded epoxy or chlorinated rubber base coating must be thoroughly sanded with an 80 grit sand paper to ensure bonding of coating. For very smooth masonry surfaces a solution of muriatic acid/water, 50/50 should be used to aggressively etch the surface to provide a profile for bonding. If acid washing does not work on areas grinding is then necessary to develop a profile. When acid washing is complete a washing with **ECOPOXY CLEANER** is required to remove all contaminants. After all the above steps have been completed the entire pool must be thoroughly rinsed with water to remove any acidic residue and to restore neutrality.

Thoroughly inspect the surface area to determine the extent of any damage or degradation. Check for hollow spots, cracks, spalls and any other defects. Cracks are to be cleaned and free of any loose particles. Cracks are to be filled with **ECO TROWEL** Mix and for all other irregularities or repairs. All repairs to the surface shall be sanded smooth or ground smooth so that the repaired areas do not show through the coating and to provide a profile for bonding. The immediate areas around light fixtures, returns, drains and skimmers must be sealed with **ECO TROWEL** mix to help prevent leaking. Undercut all tile lines approximately 1/8" in depth at 45 degree angle, this cut can be filled with primer and coating. Prior to the application of **ECO PRIMER** inspect the entire pool surface to insure the surface is clean and completely free of any dust or surficial residues. An industrial vacuum can be used to clean the surface. Allow the surface sufficient time to dry before coating.