

# ECOPOXY Tank Surface Preparation

The procedures and recommendations here are to establish guidelines for the application of **ECOPOXY AQUA PURA POTABLE WATER COATING**.

Surface preparation is the most important step in the application of **ECOPOXY AQUA PURA POTABLE WATER 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 ensure a good surface preparation. The entire tank surface must be thoroughly cleaned to remove any loose concrete, plaster, coatings or other surface contaminants or residue. It is recommended to remove any existing coatings unless epoxy that must be well bonded.

Well bonded epoxy or base coating must be thoroughly sanded with an 80 grit sand paper to insure bonding of coating. For very smooth masonry surfaces grinding or shot blasting is recommended to provide a profile for bonding. 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 **ECOPOXY EZ POUR** Crack filler in flat areas and **ECO TROWEL** Mix 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 returns or drains must be sealed with **ECO TROWEL** mix to help prevent leaking. Prior to the application of **ECO PRIMER** inspect the entire tank surface to ensure 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.