



ECOPOXY AquaPura POTABLE WATER COATING

Product Description;

Many commercial, industrial and institutional buildings have water storage tanks to supply or supplement their potable water or fire suppression systems. Changes in air temperature, ground temperature and the sudden introduction of new water at different temperatures can cause expansion and contraction forcing movement of a tank's structure. **ECOPOXY AquaPura Potable Water Coating** is formulated to flex and bend to adjust for these dynamic changes without disbonding.

ECOPOXY AquaPura Potable Water Coating possess the flexural modulus and elongation physical properties capable of moving with the tank wall. The molecular bond coupled with a mechanical profile provides high adhesion strength. This 30 mil coating results in a long lasting monolithic shell that will virtually eliminate peeling and flaking that will save thousands of dollars in capital replacement costs.

ECOPOXY AquaPura POTABLE WATER COATING is a 2 component 100% solids epoxy coating systems that provides a structural bond which will protect and restore your concrete or fiberglass tank to a like "new finish". ECOPOXY AquaPura POTABLE WATER COATING is formulated as a high build system and reinforced with proprietary additives for physical strength. ECOPOXY AquaPura POTABLE WATER COATING demonstrates superior adhesion to cementous and fiberglass surfaces. The thick continuous finish is both uniform and smooth with impeccable color and texture.

ECOPOXY AquaPura POTABLE WATER COATING will recondition the tank surface and create a continuous barrier seal that is impenetrable against water, chemicals, and other influences that could harm a tank finish. This state of the art product is seamless, will fill cracks and smooth over roughened deteriorated surfaces to a smooth finish. The application of ECOPOXY AquaPura POTABLE WATER COATING will restore your tank making it easier to maintain and clean. The new non-porous finish does not allow algae to adhere to it and any chemicals or water stains are easily removed from the new finish. Whether restoring or refinishing the advantages of using ECOPOXY AquaPura POTABLE WATER COATING are unmatched. This revolutionary eco-friendly coating will preserve your tank surface while protecting you and the environment.

Key Features:

- Low Odor, Low VOC's, Non Toxic
 - Durable and Chemical Resistant
 - Will not peel, flake or chalk
 - Eliminates acid washing, repainting or re-plastering
 - Out performs other resurfacing methods
 - Structurally strong water proof barrier
 - Reduces water loss through cracks
 - Strengthens concrete with an excellent bond strength
 - Smooth, nonporous, nonabrasive, easy to clean surface
 - Less filtration time, and chemical use due to no drag surface
 - Prevents algae and fungi growth
 - Results in high quality and long lasting
 - Tank can be filled within 48 hours
-

Recommended Uses;

Commercial, Municipal, Government, Hotels, Resorts, Condos, Colleges and Residential

Recommended Surfaces;

Concrete, Plaster, Fiberglass

Recommended Applications:

Potable Water, Holding Tanks, Cisterns, Waste Water and Aquariums

Application Instructions;

ECOPOXY AquaPura POTABLE WATER COATING should be applied to a primed surface and is available in a variety of colors. ECOPOXY AquaPura POTABLE WATER COATING should not be applied when temperature is above 90 degrees F. or below 60 degrees F.

Mix Ratio: 3:1

Pot Time: 20 minutes depending on ambient temperature

Recommended Spread Rate: 16 mil.

Coverage Rate: 100 sf/gall.

Cure Time: 48 hours @ 70 degrees F. @ 50% RH using spread rate of 100 sf/gall.

Set to Touch: 6-8 hours depending on ambient temperature, humidity and thickness.

Minimum Recoat Time: 6-8 hours depending on ambient temperature, humidity and thickness.

Maximum Recoat Time: 24 hours

Foot Traffic: 6-8 hours depending on ambient temperature, humidity and thickness.

Clean Up: De Naturated Alcohol

Storage: 55 degrees F. through 85 degrees F. with tightly sealed lids.

Note: If 24 hours elapsed from the time of primer application then additional preparation is required. Lightly sand entire surface with 80 grit sand paper until a light powdery residue appears and gloss finish has been removed to provide a profile for bonding. Remove all sanding dust and wipe down entire surface with de naturated alcohol to remove contaminants.



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.