



American Precast Concrete

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INFORMATION FOR PURCHASERS OF CONCRETE WATER STORAGE TANKS

Concrete is an excellent material for cisterns and water storage tanks but will require a period of time to seal up completely. During the casting process, tiny capillaries often form in the wet cement and even with mechanical vibration, remains to “wick” water through the walls of the tank. Most are very small and will seal within days as mineral in the water passes through these capillaries and gradually plugs them.

Do not be alarmed if you see water weeping from the sides of the tank when it is first filled, but if any of the seams between rings appear to be leaking, stop filling the tank and contact us. If necessary, we will repair the seal from inside the tank.

Rust stains on the side of the tank resulting from this “break in” period can be removed with a solution of Muriatic acid and water. Use about three parts water and one part acid, then rinse with water. Be careful not to breathe the fumes of concentrated Muriatic acid.

Site Preparation

A 10 ft. by 10 ft. area needs to be spread out and leveled for the tank. If the site location is clay or heavy soil, it should be dug out to a depth of 10-12 inches and filled with washed sand or $\frac{3}{4}$ or smaller crushed limestone (no clay or rock). The sand will then be “flush” with the bottom of the base providing proper support.

We will do final leveling prior to setting the tank, but it is the property owner’s responsibility to have the site prepared for the tank.

If you prepare a concrete pad for your cistern, please purchase three of the large rubber horse stall mats available at Tractor Supply or similar stores to act as a cushion between the concrete surfaces.

Plumbing

We do not provide plumbing or hookup but can offer suggestions and names of contractors if requested.