

**Retrofit Underground Storage Tank**

Field installed retrofit underground storage tank upgrade systems for use with petroleum products and gasohol.

Tank Tech, Inc. provides the field proven and innovative installation solution for upgrading existing single-wall Underground storage tanks with in-situ secondary containment; the ZCL Phoenix System.

Over 1,200 of these systems have been installed, by Tank Tech, in Florida and hundreds of others installed around the Country. The pictures show the installation process, and the Underwriters Laboratories listing provide tangible evidence of the strength, durability, and equivalence to factory manufactured underground storage tanks.

The new system gives you more than twice the protection of any single wall tank. Two new corrosion resistant layers are applied using a three dimensional glass fabric, cured with a thermosetting resin, to create an interstitial space sandwich laminate.

The primary layer contains the product. The annular space between the new inner and outer layers provides continuous leak detection. If there was a breach of the primary layer, the product would be contained by the secondary layer and prevent a leak to the environment.

Unlike internal lining, the installation of in-situ secondary containment is similar to constructing a double-wall tank at the factory, except the manufacturing process takes place on the customers location with strict protocols, quality, and only by manufacturers certified installers. NLPA 1631 is followed to the letter. Communication testing is performed during and after manufacture to confirm continuity of interstitial communication. The system can be interstitially monitored by vacuum, pressure, hydrostatic methods, sensors, probes, or even visual monitoring systems. Tank Tech has installed the system in nine different states across the country, plus test projects in Brazil for Shell Oil.

Tank Tech, Inc. has taken this system to an efficiency level that it now provides a cost effective and time efficient alternative to tank replacement, while protecting the environment from the increased risk of contamination. Tank Tech's patented monitoring housing, its proprietary protocols for construction, problem solving, safety standards, and customer reporting have earned Tank Tech the exclusive United States installer distinction from the patent holder, ZCL Composites.



Entering Tank

Preparing Matting

Matting Application



Parabeam®



Coating Application



Thickness Testing



Holiday Testing



Topcoat Application

Ready for Operation