

Fiber Wrap™

Innovative Solutions, Exceptional Performance

Application

The Fiber Wrap system combines mesh reinforcement with epoxy resins to restore the exterior of existing tile lined vessels. Glass mat reinforcement is typically used when the problems are of an aesthetic or safety nature, however, carbon mat reinforcement may be utilized if the structural integrity of the vessel has been compromised. This application is much faster and more cost-effective than conventional tile replacement.

Problem

The ceramic glazed tile on tank exteriors becomes detached from the concrete wall. This is caused by repeated freeze-thaw cycles over time. Not only is this an aesthetic issue, but also a safety concern to both people and equipment below.

Solution

CoroTech's highly skilled team first removes all the loose material and sandblasts the exterior of vessel. Areas where tile are missing are plastered to the original profile. The reinforced epoxy system is then applied to the exterior surfaces. Finally, a urethane based top coat tinted to the customer's specifications is applied.

Benefits

When compared to conventional tile replacement, the cost of the Fiber Wrap system is significantly reduced and the work can be completed much faster.

Results

CoroTech's team of lamination experts applied the Fiber Wrap system to existing tile tank exteriors in a faster, higher quality, and more cost-effective manner. The vessels no longer pose a safety concern, and with customer specific color selection, the vessels blend visually with the other vessels in the area.

Problems, Solutions... Results.

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