

Project Brief

## Gear Island WTP

### Water Tank Strengthening



Wellington, NZ  
2006



Under the effects of seismic activity, the top of the tank was capable of separating from the tank walls with significant differential deflection, requiring urgent remedial attention.

The solution called for a two pronged approach; Starter bars were drilled through the top down into the walls and grouted.

Five layers of Tyfo SEH® 51A was applied in a band around the top of the tank walls to provide confinement and prevent flexing. The Tyfo® was painted with Tyfo® A Acrylic Finish Coat to protect the Fibrwrap from UV and blend the retrofit area to the rest of the tank.