

Plate bonding repair on glass infused tanks ensures integrity of tank

ID: 9817

Industry: Water / Wastewater
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Stainless-steel
Products: Belzona 1111 (Super Metal), Belzona SuperWrap II

Customer Location: Lemonroyd
Application Date: April 2025

Problem

Sludge tanks for treatment works required several repairs for external corrosion on glass steel infused tank



Inspection of sludge tanks to assess repair needs



Several areas of external corrosion/damage were identified



Carbon fibre plates were bonded using Belzona 1111



The solution ensures that no further corrosion can spread and weaken integrity of tank

Application Situation

To drain the tank would have cost thousands. Under no circumstances were any hot works allowed, making Belzona the ideal solution

Application Method

The surface of the tank was prepared with hand tools to minimum surface preparation. Using carbon fibre plates, the plates were bonded using Belzona 1111 to seal and ensure no further ingress of corrosion would affect the tank

Belzona Facts

This solution saved thousands as the tank did not need to be drained to complete repair. No hot works were required which minimised health and safety risks

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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