

PLATE BONDING ON SLUDGE TANKS FIXES EXTERNAL CORROSION ISSUE

ID: 9818



PROBLEM

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

INDUSTRY

Water / Wastewater

LOCATION

Leamonroyd

APPLICATION DATE

April 2025

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Stainless-steel

PHOTOS

1. Inspection of sludge tanks to assess repair needs
2. Several areas of external corrosion/damage were identified
3. Carbon fibre plates were bonded using Belzona 1111
4. The solution ensures that no further corrosion can spread and weaken integrity of tank

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