

BELZONA SOLVES HOLED TANK & HANDRAIL PROBLEM

ID: 821



PROBLEM

General corrosion on this old chemical tank had left a hole at the top under a handrail support.

APPLICATION SITUATION

Holed chemical tank & corroded handrail support.

APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-5. After a preparation involving needle-gunning & abrading a support plate was bonded onto the underside of the repair area using Belzona® 1111. Once this had cured the whole area was then rebuilt using Belzona® 1111 incorporating reinforcing sheet.

BELZONA FACTS

No hot work was allowed when the tank was in use so the customer originally wanted the repair to last to the next shutdown in 9 months at which time they planned to carry out a fabrication repair. After inspection during the shutdown they decided the Belzona repair was sound & a fabricated repair was not necessary.

INDUSTRY

Chemical & Petrochemical

LOCATION

Chemical Manufacturer (Chromium), UK

APPLICATION DATE

May 2005

PRODUCTS

Belzona 1111 (Super-Metal)

SUBSTRATE

Steel

PHOTOS

1. View of corroded area.
2. Surface preparation ongoing.
3. Rebuilding with Belzona 1111.
4. The completed repair.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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