

BELZONA SEALS LEAKING WELD ON STORAGE TANK

CUSTOMER

Chemical & Additive manufacturer, Essex, UK

APPLICATION DATE

March 2013

APPLICATION SITUATION

Chemical storage tank

PROBLEM

The aggressive nature of additives held within the tank had caused leaks to appear along the welded seam around the base. Due to the high cost and high demand of the additives a lengthy shutdown for repairs was not an option.

PRODUCTS

Belzona® 4301 (Magma CR1 High Build)

SUBSTRATE

High grade stainless steel

APPLICATION METHOD

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-1.

BELZONA FACTS

Conventional repairs would have involved either removal and repair off-site or replacement. These methods were considered too expensive and requiring too much downtime. The Belzona repair was carried out in situ, without hotwork and was completed in only one day. The completed application was post-cured using halogen lamps to speed up cure times and improve chemical resistance.

PICTURES

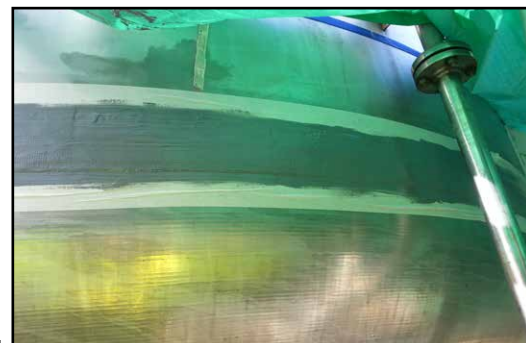
1. Leaking tank
2. First layer of Belzona® 9341 (Reinforcement Tape) being laid over the Belzona® 4301
3. Three coats of 4301 and two layers of 9341 were applied
4. Finished application being unmasked



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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9000 Registered Quality
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