

BELZONA REINFORCES TANK AT STEEL MILL

CUSTOMER

Steel Mill, North-Rhine Westphalia, Germany

APPLICATION DATE

August 1997

APPLICATION SITUATION

Corrosion of safety immersion tanks in the coke manufacturing plant

PROBLEM

These tanks were damaged around the connection and the walls through the chemical attack of the contained medium (coke gas in water) and local steam. The temperatures ranged from 50°C to 104°C

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Aluminium

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System leaflet TCC-1. A formed section was made up. Belzona® 1111 was then applied to both surfaces and then assembled, using metal strapping to hold in place whilst the Belzona cured. Excess material was used as a fillet around the plate. After completion of cure the straps were removed.

BELZONA FACTS

The Belzona repair provided a stress free repair to the corroded areas. In addition to plate bonding a corroded stub pipe was also repaired (see KHIA Vol.XXV No.34).

PICTURES

1. The corroded tank
2. Preparation
3. Fitting the plate
4. Finished application



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



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Q 09335
ISO 14001:2004
EMS 509612

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