

# BELZONA REPAIRS AND PROTECTS VESSEL SUPPORTS

ID: 1284

Industry: *Chemical & Petrochemical*  
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *Chemical plant, Bulgaria*  
Application Date: *July, 2008*

Substrate: *Concrete and Steel*  
Products: *\* Belzona® 4111 (Magma Quartz) ,*

## Problem

*Uneven gaps (up to 70 mm) and additional deterioration of the concrete supports under mixer heels caused by chemical attack.*



## Photograph Descriptions

- \* General view of process vessel heels and concrete supports ,
- \* After preparation of substrates the Belzona Conditioner was applied ,
- \* Application of Belzona® 4111 in progress ,
- \* Finished application ,

## Application Situation

Process vessel (mixer) in chemical production

## Application Method

Application was carried out in accordance with the modified version of Belzona Know-How System Leaflet TCC-8. The irregular shim was created by filling the gaps between vessel heels and concrete supports with Belzona® 4111.

## Belzona Facts

Conventional repairs required long shutdown period. They also have poor adhesion to metal and concrete substrates and low chemical resistance. Belzona application was fast, providing excellent adhesion to different substrates together with excellent chemical protection.

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

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve