# BELZONA SIMPLIFIES REPAIRS IN GLASS LINED REACTORS

ID: 147

Industry: General Industry Customer Location: Chemical Fertilizer Plant in the Middle

East

Application: TCC-Tanks and Chemical Containment Application Date: Ongoing since 1987

Areas

Substrate: Metal and Glass

Products: \* Belzona® 1311 (Ceramic R-Metal),

#### **Problem**

Damage to the glass lining caused by mis-handling of the covers and introduction of foreign bodies into the mixing process.









### **Photograph Descriptions**

- \* General view of the reactor ,
- \* Typical damage to glass lining on cover,
- \* Repairs to cover being made. Note use of mixing board to form smooth surface on Belzona® 1311 ,
- \* Local repairs with Belzona® 1311 to damaged glass protection on mixer shaft,

### **Application Situation**

Chemical Reactors operating at 120°C and 7 bar pressure.

### **Application Method**

Application is carried out in accordance with Belzona Know How System Leaflet TCC-3.

## **Belzona Facts**

The Belzona repair can be completed in three hours. Making and securing Tantalum patches can take several days. Belzona® 1311 is only viable repair on agitator, Tantalum patches cannot be secured.

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

ISO 9001:2015

Belzona products are
FS 695214

ISO 14001:2015

Belzona products are
manufactured under an ISO
9000 Registered Quality
EMS 695213

Management System.

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