

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 Areas

Application Date: Ongoing since 1987

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
FS 695214
ISO 14001:2015
EMS 695213

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

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