

BELZONA SIMPLIFIES REPAIRS IN GLASS LINED REACTORS

ID: 147



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Chemical Fertilizer Plant in the Middle East

APPLICATION DATE

Ongoing since 1987

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

SUBSTRATE

Metal and Glass

PHOTOS

1. General view of the reactor
2. Typical damage to glass lining on cover
3. Repairs to cover being made. Note use of mixing board to form smooth surface on Belzona 1311
4. Local repairs with Belzona 1311 to damaged glass protection on mixer shaft

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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