

SAND FILTER LINING REPAIRED WITH BELZONA

ID: 1517



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PROBLEM

The ebonite lining showed severe degradation (cracks, grooves, gasket failure, adhesion problems) due to the corrosive action of the solution (brine 250 gr/Kg, active Cl₂ 0-20 ppm) at 65°C.

APPLICATION SITUATION

Ebonite lining in sand filter

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-3 & 5.

BELZONA FACTS

Thanks to the Belzona products, the filter was back in service after a rapid, easy and in situ repair. The cost of replacing ebonite would have been much higher. Belzona enabled a quick in-situ repair to be carried out, ensuring filter could returned to service with minimum disruption to production. Alternative (replacing ebonite) would have taken far longer and at far higher cost

INDUSTRY

Chemical & Petrochemical

LOCATION

Chemical company, Martorell, Spain

APPLICATION DATE

March 2010.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 5891 (HT Immersion Grade)

SUBSTRATE

Ebonite.

PHOTOS

1. View of the filter from outside
2. Degraded area, cracked ebonite
3. Rebuilding with Belzona 1111
4. Ebonite coated with Belzona 5891

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

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