

# SAND FILTER LINING REPAIRED WITH BELZONA

ID: 1517

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

**Customer Location:** Chemical company, Martorell, Spain  
**Application Date:** March 2010.

**Substrate:** Ebonite.

**Products:** \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 5891 (HT Immersion Grade) ,

## 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 Cl<sub>2</sub> 0-20 ppm) at 65°C.



## Photograph Descriptions

- \* View of the filter from outside ,
- \* Degraded area, cracked ebonite ,
- \* Rebuilding with Belzona® 1111 ,
- \* Ebonite coated with Belzona® 5891 ,

## 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

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

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