

# Severe Corrosion stopped with Belzona 3111 (Flexible Membrane)

ID: 502

Industry: Water / Wastewater

Customer Location: Municipal power authority, Texas USA

Application: RPA-Roof Problem Areas

Application Date: April 2003

Substrate: Steel

Products: \* Belzona 3111 (Flexible Membrane) ,  
\* Belzona 3921 (GSC Surface Conditioner) ,  
\* Belzona 9311 (Reinforcing Membrane Sheet) ,

## Problem

Severe corrosion caused paint delamination on top of exposed reclaim tank walls.



## Photograph Descriptions

- \* 1. The corroded reclaim tank wall. ,
- \* 2. Surface prepared and conditioned with Belzona 3921. ,
- \* 3. First coat of Belzona 3111. ,
- \* 4. Top coat of Belzona 3111 applied. ,

## Application Situation

Lime slurry reclaim tank. Client needed a long-term repair to an unusual corrosion problem.

## Application Method

Application was carried out in accordance with a modified version of Belzona® Know-How System Leaflet RPA-10.

## Belzona Facts

Belzona 3111 (Flexible Membrane) has been successfully used in other parts of plant. Repeated painting and repainting did not provide long term relief. Areas was grit blasted to remove old paint and other products which had failed.

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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