

# Belzona Repairs Leaking Tank Roof

ID: 8101

Industry: Oil & Gas  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Steel  
Products: \* Belzona 1161 (Super UW-Metal) ,  
\* Belzona 3111 (Flexible Membrane) ,  
\* Belzona 9311 ,

Customer Location: Italy  
Application Date: 2019

## Problem

A tank roof has failed and started corroding at the weld seams. This was allowing water to seep in through these holes causing contamination problems for the solution within the tank.



## Photograph Descriptions

- \* 1. Overview of the tank roof ,
- \* 2. Water ingress at the weld seams ,
- \* 3. Belzona 1161 being applied ,
- \* 4. Finished application with Belzona 3111 ,

## Application Situation

Sealing holes on the roof of an oil tank.

## Application Method

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  
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This application was carried out in accordance with system leaflet TCC-02. Areas where the tank roof was leaking from were identified and taped out. Once taped out the surface was prepared using an MBX bristle blaster. Belzona 1161 was then used to fill in the leaks before Belzona 3111 was applied on top with a cut out strip of Belzona 9311 reinforcement sheet for added protection.

## Belzona Facts

Previous welding had introduced heat activated zones into the tank roof resulting in weakness and corrosion at the weld seams. Welding the tank again would have created the same problems and that's why the Belzona cold applied solution was used.

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