

# Potable Water Tank Repaired with Belzona Composite Patch Stands the Test of Time

ID: 7715

Industry: Oil & Gas  
 Application: TCC-Tanks and Chemical Containment Areas  
 Substrate: HDLPE  
 Products: \* Belzona 1111 (Super Metal) ,  
 \* Belzona 9341 (Reinforcement Tape) ,  
 \* Belzona 9111 (Cleaner/Degreaser) ,

Customer Location: Gulf of Mexico, USA  
 Application Date: February 2017

## Problem

UV Damage and possible loading forces to the HDLPE polymer tank resulted in a hairline crack above a 4" flange. Replacement of the tank was several years away still and the repair method had to be compliant with potable water standards.



## Photograph Descriptions

- \* 1. Potable water tank overview ,
- \* 2. Location of the leak (a tiny wisp of water pushing out) ,
- \* 3. Belzona composite patch repair completed ,
- \* 4. Belzona composite patch repair holding 1 year later ,

## Application Situation

A hairline crack/leak developed on an HDLPE potable water tank on a major deepwater drilling/production platform.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-1 with a composite patch consisting of

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  
 manufactured under an ISO  
 9000 Registered Quality  
 Management System.

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Belzona 1111/9341.

## Belzona Facts

This application is still holding well over a year later, saving this platform from having to complete a costly replacement prior to the scheduled outage. This repair method has become a standard and they keep contingency repair kits on board at all times.

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