

## POTABLE WATER TANK REPAIRED WITH BELZONA COMPOSITE PATCH STANDS THE TEST OF TIME

### CUSTOMER

Gulf of Mexico, USA

### APPLICATION DATE

February 2017

### APPLICATION SITUATION

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

### 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.

### PRODUCTS

Belzona 1111 (Super Metal)

Belzona 9341 (Reinforcement Tape)

Belzona 9111 (Cleaner/Degreaser)

### SUBSTRATE

HDLPE

### APPLICATION METHOD

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

### PICTURES

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



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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