

# BELZONA PREVENTS CORROSION DAMAGE TO 18' RISER

ID: 5840

Industry: Oil & Gas  
Application: SOS-Ships and Offshore Structures

Customer Location: Texas, USA  
Application Date: August 2015

Substrate: Carbon Steel  
Products: \* Belzona 1121 (Super XL-Metal) ,  
\* Belzona 1982 (SuperWrap II) ,  
\* Belzona 9111 (Cleaner Degreaser) ,  
\* Belzona 9381 (Reinforcement Sheet) ,  
\* Belzona 9382 (Release Film) ,

## Problem

Corrosion damage to riser.



## Photograph Descriptions

- \* View of 18' riser prior to repair ,
- \* Surface preparation ,
- \* Application of Belzona 1982 complete ,
- \* View of repair with Belzona 9382 wrapped over SuperWrap II during cure ,

## Application Situation

18' riser on an offshore platform.

## Application Method

The surface was blasted to the requirements of SSPC SP10 (Near White Metal). Profile measurements were checked and the surface

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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was cleaned and degreased with Belzona 9111. Belzona 1121 was then applied to 18' of the riser to fill pitting in order to restore the original pipe thickness. Belzona 1121 was sanded to abrade the surface and wiped down with Belzona 9111. Belzona 1982 was applied in 5 layers. Belzona 9382 was wrapped over the Superwrap II application area to consolidate and compress during cure.

## Belzona Facts

The repair and application of Belzona SuperWrap II was completed in less than 8 hours, in addition to the 24 hours required for the system to cure. Belzona had quality control throughout the application and all hold points surveyed were registered.

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