

# Belzona Provided a Better Grip on a Caisson Clamp Pipeline support

ID: 9777

Industry: Oil & Gas

Application: GSS-Gaskets, Seals and Shims

Substrate: Carbon steel

Products: Belzona 2111 (D & A Hi-Build Elastomer), Belzona 2921 (Elastomer GP Conditioner)

Customer Location: AL Shaheen Field Offshore Qatar

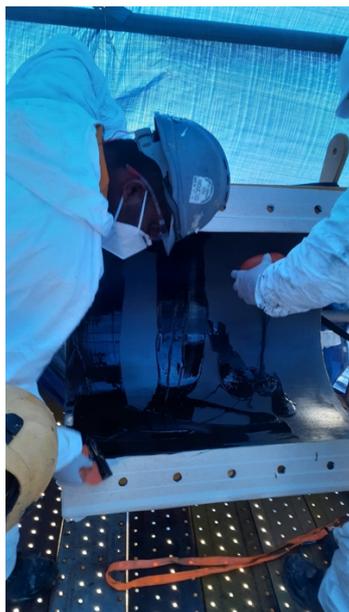
Application Date: January 2023

## Problem

The bonding of the previously installed neoprene rubber sheet failed. Traces of corrosion dripping out in between the rubber sheet and the clamp were observed after a few months of installation.



Belzona 2921 Surface Conditioner Application



Belzona 2111 (D & A Hi-Build Elastomer) Bonding material application



Clamping using a dummy pipe to compress the Neoprene Rubber sheet



Completed Bonding Application

## Application Situation

The newly fabricated caisson clamp needs to be sheathed with a corrugated neoprene rubber, and it must be bonded to the clamp using a tougher bonding material with a required 1.5 mm thick bonding line.

## Application Method

The application was done using a stiff bristled brush in accordance with Belzona System Leaflet SHM-12.

Using a dummy pipe with the same diameter as the actual pipe, the corrugated neoprene rubber sheet was bonded in a sandwich between the clamp and the dummy pipe by tightening the bolts.

## Belzona Facts

Belzona 2111 (D & A Hi-Build Elastomer) can be used as rebuilding and adhesive for elastomeric and non elastomeric substrates. Easy to apply without any hot work for bonding.

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.

[www.belzona.com](http://www.belzona.com)

**BELZONA**  
Repair • Protect • Improve

Belzona 2921 (Elastomer GP Conditioner) is a surface conditioner which is the elastomeric primer required for better adhesion of Belzona elastomers onto any rigid and flexible substrates.

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manufactured under an ISO  
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