

# OFFSHORE DECK REPAIRED AND COATED WITH BELZONA PROTECTIVE SYSTEMS

ID: 7622

Industry: Oil & Gas  
Application: FPA-Floor Problem Areas  
Substrate: Carbon Steel  
Products: \* Belzona 1121 (Super XL-Metal) ,  
\* Belzona 5821 ,  
\* Belzona 9211 (Supergrip Aggregate) ,  
\* Belzona 5233 ,

Customer Location: USA  
Application Date: 2017

## Problem

*The surface of the deck had become weak due to severe corrosion and metal loss of the platform deck.*



## Photograph Descriptions

- \* Corrosion and through-wall holes in the deck ,
- \* Holes repaired with Belzona 1121 ,
- \* Application of Belzona 5821 incorporating Belzona 9211 ,
- \* Completed application of Belzona 5233, a UV stable top coat ,

## Application Situation

Offshore Oil Platform Deck

## Application Method

The deck area was cleaned and properly prepared. The through-wall holes were repaired with Belzona 1121. Then, Belzona 5821 was applied to provide a wear resistant barrier and Belzona 9211 was incorporated into Belzona 5821 to provide a grip system. The application was finalized using Belzona 5233 to provide UV stability.

## Belzona Facts

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**<sup>®</sup>  
Repair • Protect • Improve

Belzona could be safely applied whilst the platform was in operation and eliminated the need for hot work. The deck was completely renovated.

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|----------------|---------------------------|
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| FS 695214      | manufactured under an ISO |
| ISO 14001:2015 | 9000 Registered Quality   |
| EMS 695213     | Management System.        |

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