

# BELZONA EROSION CORROSION PROTECTION APPLIED BY SPRAY

ID: 4871

**Industry:** Oil & Gas  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Steel  
**Products:** \* Belzona 1111 (Super Metal) Belzona 1331 ,

**Customer Location:** Oil major, UK North Sea  
**Application Date:** August 2013

## Problem

Erosion and corrosion attack on the internals of the vessel resulted in the requirement for a fast applied lining which would resist further attack.



## Photograph Descriptions

\* 1. Application of the first coat of Belzona 1331 (white) 2. Application of the second coat of Belzona 1331 (grey) 3. Internal furniture and brackets were coated separately 4. Finished coating with detailed areas completed by hand ,

## Application Situation

Oxygenation vessel on offshore oil and gas platform

## Application Method

Application was carried out in accordance with Belzona System Leaflet TCC-5. Following thorough surface preparation by grit blasting, Belzona 1111 was applied to fair off welds and in fill areas which had suffered from pitting. Belzona 1331 was then applied as a two-coat system by heated airless spray to provide overall erosion corrosion protection.

## Belzona Facts

The customer chose to use Belzona 1331 due to its excellent erosion resistance combined with the rapid application times achievable using airless spray equipment, allowing the vessel to be returned to service with minimum downtime.

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

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