

# BELZONA SUPERWRAP II SOLUTION FOR CRUDE OIL PIPELINE

ID: 6134

**Industry:** Chemical & Petrochemical  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Carbon steel  
**Products:** \* Belzona SuperWrap II ,  
\* Belzona 5811 (Immersion Grade) ,

**Customer Location:** Refinery, Tarragona, Spain  
**Application Date:** March 2016

## Problem

Pipeline had suffered thin-wall defects in eight separate areas.



## Photograph Descriptions

- \* Thin-wall defect on pipeline ,
- \* Wetting out the surface ,
- \* Belzona SuperWrap II applied ,
- \* Repaired area overcoated with Belzona 5811 ,

## Application Situation

Crude oil Pipeline at the refinery.

## Application Method

The application was carried out by the Belzona Distributor's staff who are validated to design and apply the compliant system. Eight repairs have been completed in accordance with the ISO and ASME standard over a 10-day period. After Belzona SuperWrap II cured, the repaired areas were overcoated with Belzona 5811 for an aesthetically pleasing finish.

## Belzona Facts

The Belzona Distributor was awarded a two-year contract for the application of composite solutions in these facilities as a result of various successful projects repairing pumps, heat exchangers and chemical containment areas. Previous Belzona SuperWrap jobs, carried out successfully at this and other refineries of the same group, led to the Distributor being awarded this new repair job, and the customer was particularly pleased with the new generation Belzona SuperWrap II which, due to faster application times and a significantly reduced downtime.

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

ISO 9001:2015  
Q 09335  
ISO 14001:2015  
EMS 509612

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