

# Underground Seawater Pipeline SuperWrapped with Belzona

ID: 7796

Industry: *Fluid Flow*  
Application: *VPF-Valves, Pipes and Fittings*  
Substrate: *Carbon Steel*  
Products: *\* Belzona SuperWrap II ,*  
*\* Belzona 1982 ,*  
*\* Belzona 9381 ,*  
*\* Belzona 9382 ,*

Customer Location: *Sicily, Italy*  
Application Date: *August 2018*

## Problem

*Internal corrosion of pipeline and initial stages of weld degradation has been observed.*



## Photograph Descriptions

- \* Pipeline before repairs ,
- \* Belzona SuperWrap II system applied and consolidated ,
- \* Interface with concrete ,
- \* Belzona release film removed ,

## Application Situation

Underground section of a seawater pipeline as part of a cooling system for a refinery.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet VPF-11.

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 Facts

The customer wanted to reinforce and extend the life of the pipeline. As the pipeline is critical to the operation of some of the processes within the refinery, they did not want to shut down the pipeline. Hence, Belzona was requested to offer an online repair. Additionally, due to the pipeline being underground in a difficult to access area, grit blasting was not possible. The qualification of Belzona SuperWrap II onto power tool cleaned surfaces was essential to win the project. The local Belzona Distributor, BS Srl, were crucially able to offer the full compliant pipe wrap service from design through to application, differentiating the Belzona solution from the competition.

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