

# BELZONA SUPERWRAP II RESTORES PIPE AT DAM WALL

ID: 5572

Industry: Water / Wastewater  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Mild Steel  
Products: \* Belzona SuperWrap II ,  
\* Belzona 1981 Resins ,  
\* Belzona 9382 Release Film ,

Customer Location: National Water Company, Wales, UK  
Application Date: March 2015

## Problem

The pipe had suffered from corrosion over time which had caused the formation of pits on the surface of the steel. This resulted in weakening of the pipe wall and requirement to repair the steel. As the pipe cannot be shut off, an in-situ, cold applied repair was chosen.



## Photograph Descriptions

- \* Pipe condition following grit blasting ,
- \* Initial wrap commencing ,
- \* Following complete system application, Belzona 9382 release film is applied ,
- \* Completed application with release film removed ,

## Application Situation

A 30 inch diameter stub pipe protruding from a dam wall.

## Application Method

The application was carried out as per the Belzona Superwrap II method statement provided. Following thorough grit blasting to the required standard, the Belzona Superwrap II system was applied. Once the required thickness and number of wraps were achieved, the repair was consolidated in Belzona 9382 Release Film and allowed to cure. Once cured the Belzona 9382 release Film was removed.

## 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  
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Application of the Belzona Superwrap II system to this pipe provides a long term repair solution which will restore strength as well as avoiding further external corrosion to the pipe.

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