

# BELZONA REPAIRS LEAKING PIPE IN ABRASIVE ENVIRONMENT

ID: 5463

Industry: Food & Drink

Application: VPF-Valves, Pipes and Fittings

Substrate: Carbon Steel

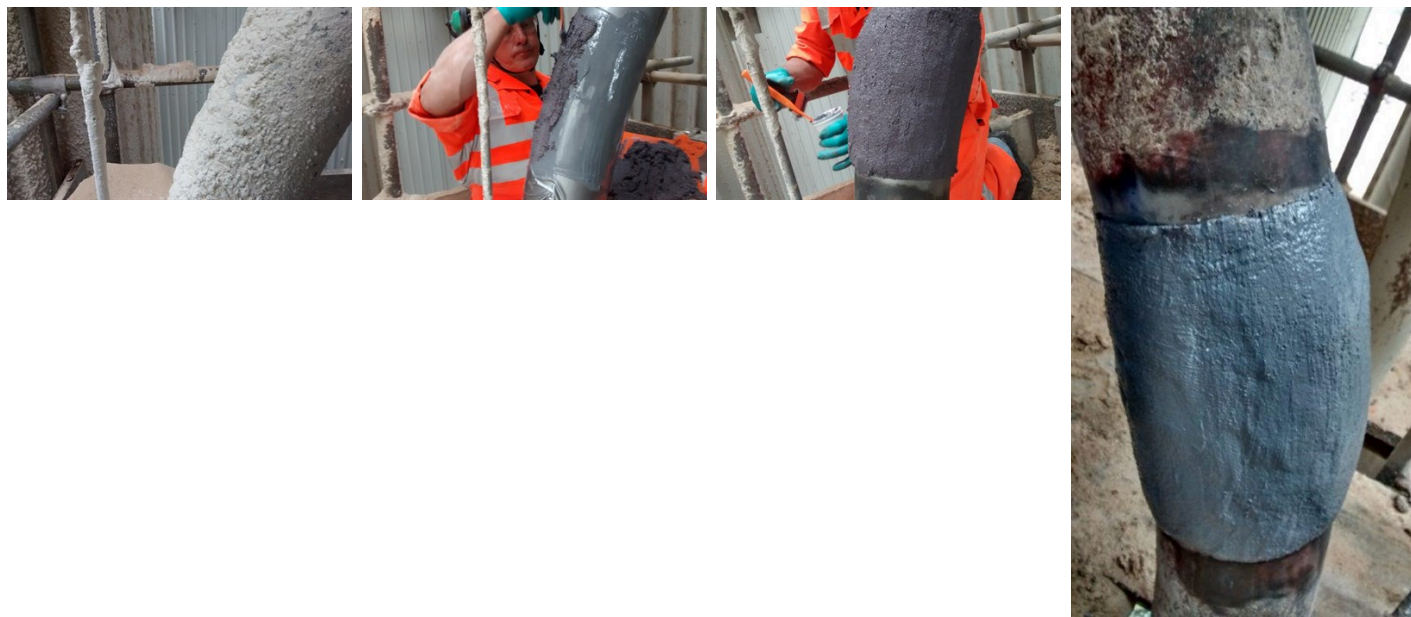
Products: \* Belzona 1321 (Ceramic S Metal) Belzona 1812 (Ceramic Carbide FP) ,

Customer Location: Manchester, UK

Application Date: August 2014

## Problem

The dry bran within the pipe was causing abrasion leading to a 10mm hole on the outside of a large bend.



## Photograph Descriptions

\* 1. Holed pipe 2. Belzona 1812 being applied over Belzona 1321 3. Completed Belzona 1812 Application 4. Excess Belzona 1321 Application ,

## Application Situation

Cicra. 177mm O.D. Leaking Pipe

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-11. Belzona 1321 was used to wet out the plates and the substrate, before Belzona 1812 was used to bond them in place. A further layer of Belzona 1812 was used to encapsulate the plates. As there was excess Belzona 1321 this was used to create a more aesthetically pleasing finish.

## 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.

[www.belzona.com](http://www.belzona.com)

  
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The application was carried out within a 6 hour window saving the customer an expensive shutdown situation. The customer is now using Belzona for similar issues on site. Belzona 1812 exhibits excellent abrasion resistance making it suitable for this environment.

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