

# BELZONA REPAIRS THIN WALL DEFECT IN COOLING WATER SYSTEM

ID: 5167

Industry: Food & Drink

Customer Location: Nutritional products manufacturer,  
Dalry, Scotland

Application: VPF-Valves, Pipes and Fittings

Application Date: June 2014

Substrate: Mild Steel

Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 1341 (Supermetalglide) ,

## Problem

General corrosion had reduced original 10mm pipe wall thickness to 5-6mm but excessive grinding of the substrate during preparation for non destructive testing created a local defect with wall thickness of 2mm.



## Photograph Descriptions

- \* Local defect on the cooling water pipe ,
- \* Defect measured ,
- \* Return leg of cooling water system where repair required ,
- \* Completed repair ,

## Application Situation

Thin wall defect on cooling water pipework

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-2 and VPF-11. A doubler plate was bonded using Belzona 1111 and was then overcoated with Belzona 1341.

## Belzona Facts

The client only had a one day window for the application to be completed. Belzona were able to carry out the application in this time, ensuring minimum downtime was incurred.

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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9000 Registered Quality  
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