

# BELZONA REPAIRS CONDENSOR WATER TUBES

ID: 1428

**Industry:** Chemical & Petrochemical  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Carbon steel  
**Products:** \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1291 (ES Metal) ,  
\* Belzona® 1161 (Super UW Metal) ,

**Customer Location:** Chemical Plant, Lithuania  
**Application Date:** December 2009

## Problem

There were leaks on the condensor water tubes. Plant engineers had tried different solutions but none of them were totally effective.



## Photograph Descriptions

- \* Removing loose material and paint ,
- \* Surface preparation of the substrate ,
- \* Application of Belzona® 1111 with Belzona® 9341 (Reinforcement Tape) ,
- \* Belzona® 1291 with tourniquet used to seal live leak ,

## Application Situation

Various leaks on external pipes to condensers

## Application Method

Application was carried out in accordance with Belzona® Know-How System Leaflet VPF-11a.

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

Competitive products have been used for this repair but the applied products had failed on the same day of application.

Belzona® 1161 was most suitable product on wet surfaces and Belzona® 1111 for dry surfaces. In one area where the pressure was 0,7-1 bar Belzona® 1291 used with touniquet to stop the live leak.

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