

# External Rebuilding and Protection with Belzona

ID: 9155

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

Customer Location: Cartagena/ Colombia  
Application Date: October 2016

## Problem

Severe corrosion on the outside of the 6" inch pipe, pitting is evident.



Pitting on pipe



First layer of Belzona 1161 and reinforcement mesh.



Work completed.

## Application Situation

Replacement would be at least 10 times more expensive than rebuilding with Belzona.

## Application Method

The surface of the tube was prepared with a steel brush and sandpaper.

Initially the product was impregnated with a short bristle brush on the substrate, then with the applicator was given the desired thickness and a good finish.

## Belzona Facts

By rebuilding the surface with Belzona 1161, we stop the corrosion, recovered the surface and avoid the replacement of the valve section.

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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