

# BELZONA® 1311/1321, 10+ YEARS AND STILL GOING

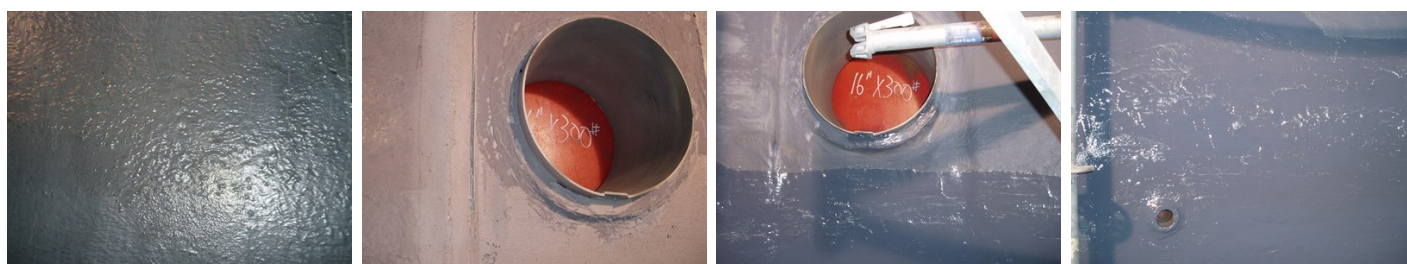
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**Industry:** General Industry  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Carbon steel  
**Products:** \* Belzona® 1311 (Ceramic R-Metal) ,  
 \* Belzona® 1321 (Ceramic S-Metal) ,

**Customer Location:** Medicine Hat, Alberta, Canada  
**Application Date:** June 2005

## Problem

Extensive pitting corrosion and erosion in bottom of the vessels and around a manway.



## Photograph Descriptions

- \* 10 year old Belzona® 1311/1321 system ,
- \* 10 year old Belzona® blast cleaned ,
- \* New Belzona® 1311/1321 system applied ,
- \* Vessel interior with a fresh Belzona® 1321 two coat system applied ,

## Application Situation

Process vessels at a Fertilizer Manufacturing facility

## Application Method

Application was carried out in accordance with modified Belzona Know-How System Leaflet TCC-3.

## Belzona Facts

Belzona® 1311/1321 was applied to these vessels 10 years ago. 80% of product was still in excellent shape and was only frost blasted to allow for a new coat. Severe pitting corrosion had occurred in areas that were not protected by the Belzona system 10 years earlier.

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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