

# BELZONA RESTORES AND PROTECTS PUMP FROM FOOD INDUSTRY

ID: 7493

**Industry:** Food & Drink  
**Application:** CEP-Centrifugal Pumps  
**Substrate:** Steel  
**Products:** \* Belzona 1111 (Super Metal) ,  
\* Belzona 1321 (Ceramic S-Metal) ,

**Customer Location:** Food Company, South Africa  
**Application Date:** March 2017

## Problem

The existing coating was delaminating from the substrate and parts of this coating were going through the process which was unacceptable as it is a food application.



## Photograph Descriptions

- \* 1 - Pump Casing before cleaning & blasting ,
- \* 2 - Pump Casing after coating work completed ,
- \* 3 - Pump Casing internals before repair ,
- \* 4 - Pump Casing internals after coating had been completed. ,

## Application Situation

Previously coated pump used in food production.

## Application Method

The application was carried out in accordance with Belzona System Leaflet CEP-3 and CEP-05. The old coating had to be removed. Once this was completed the substrate was suitably prepared by grit blasting. Belzona 1111 was applied to rebuild worn areas and Belzona 1321 was applied over the entire casing and backplate.

## Belzona Facts

The entire repair was done in 3 working days over a long weekend enabling the customer to get their pump back into service in short period time frame.

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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