

# Belzona Rebuilds the the Shredder Housing Lid

ID: 7916

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

Customer Location: Fruit Processing Plant, South Africa  
Application Date: 2015

## Problem

When the customer looked into replacing the shredder with a 316 stainless steel apparatus, the costs were astronomical due to the exchange rate. They have previously trialed Belzona 1321 (Ceramic S-Metal) and were certain of this material's benefits and longevity.



## Photograph Descriptions

- \* 1. Damaged lid ,
- \* 2. Lid protected with Belzona ,
- \* 3. Bottom dome prior to application ,
- \* 4. Dome protected with Belzona ,

## Application Situation

Hard mango pips were dimpling the shredder housing lid. Eventually, oversized pieces of Atchar were being caught up in the filtering screens.

## Application Method

Application was completed in accordance with Belzona Know-How System leaflet CEP-3. The lid and the bottom dome have been grit blasted in preparation for the coating. Then, Belzona 1321 was applied as a two-coat system. The whole application took 4 hours to complete at a fraction of the cost, comparing to the purchase and installation of the new 316 ss apparatus.

## Belzona Facts

This application was inspected in 6 months with no defects noted on the lid or dome. The solution is in tact today, enabling them to produce some of the finest quality mango atchar!

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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