

# Belzona Batch Mixer Lining

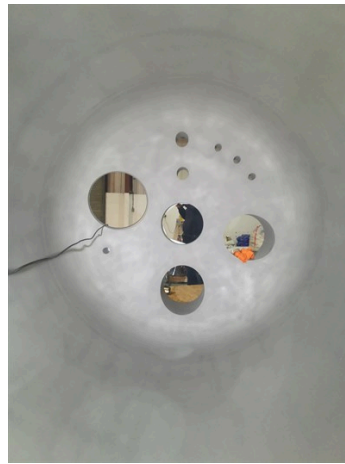
ID: 8089

Industry: Food & Drink  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Steel  
Products: \* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Flintshire, United Kingdom  
Application Date: February 2019

## Problem

Previously Belzona completed corrosion and pitting repairs on some batch mixers for this customer. They fabricated a new mixer, and wanted to prepare for any corrosion and pitting in the future which is intensified by the production of Chloride during the mixing process, by lining the mixer with Belzona products.



## Photograph Descriptions

- \* 1. The vessel being transported into the Belzona Technosol workshop, ready for work to begin. ,
- \* 2. The inside of the vessel before being cleaned and blasted, ready for the coating. ,
- \* 3. The first coating of Belzona 1321 Grey ,
- \* 4. The finished application, after the second coating of Belzona 1321 Blue. ,

## Application Situation

New fabricated batch mixer lining for a food production facility by Belzona.

## Application Method

The vessel was grit blasted to SA2.5 at 75 $\mu$ , then lined with the first coat of Belzona 1321 to the required thickness, at the recommended coverage rate of (1.14 m<sup>2</sup>)/kg in accordance with Belzona Know How System Leaflet VPF-02. Due to the dimensions of the tank, a brush was used for the application. The second coat was then applied, and allowed to cure overnight.

## Belzona Facts

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 carried out 2 previous repairs on this customer's batch mixers, completing pitting and corrosion repairs. This then led to the customer requesting Belzona to coat this vessel, as preparation to avoid corrosion problems in the future.

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