

# Rubber lined ionization chamber repaired with Belzona

ID: 8320

Industry: General Industry

Application: SHM-Solids Handling Machinery

Customer Location: pharmaceutical manufacturer Hungary

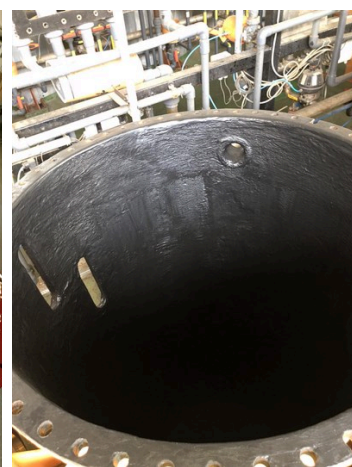
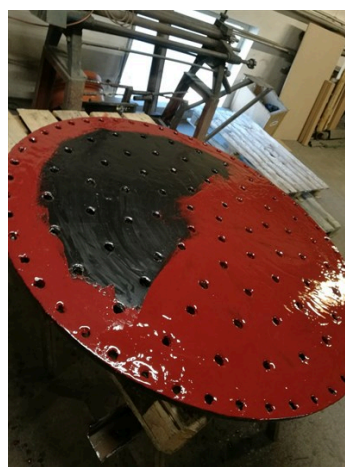
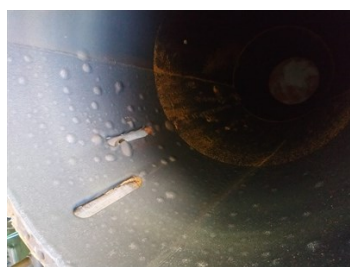
Application Date: March 2020

Substrate: steel and rubber

Products:   
\* Belzona 2921 (Elastomer GP Conditioner) ,  
\* Belzona 2111 (D&A Hi-build Elastomer) ,  
\* Belzona 2121 (D&A Hi-coat Elastomer) ,

## Problem

Damage of the original rubber lining of an ionization tower



## Photograph Descriptions

- \* Damaged rubber lining ,
- \* Removing of damaged lining and surface preparation ,
- \* Second layer of 2121 is being applied ,
- \* Finished application ,

## Application Situation

Pharma manufacturers are using aggressive chemicals as raw material. A part of the process sees the handling of liquids in ionization chambers. Rubber is commonly used as a chemical resistant lining and its flexibility is also good to resist dilatation caused by the rapid temperature changes. Rubber linings can be easily repaired using Belzona Elastomers without the need of special tools or heat input.

## Application Method

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve

Damaged rubber lining has been removed and MBX was used to abrade the surface. Loosen rubber parts were cut off and 2111 was used to replace missing parts and 2121 was used to provide a long term and chemical resistant solution.

## Belzona Facts

To reline the rubber would be a huge cost as vessel has to be remove from the sterile area. Belzona products were applied without the need of dusty blasting.

---

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.

[www.belzona.com](http://www.belzona.com)

