# Rubber lined ionization chamber repaired with Belzona

ID: 8320

| Industry:<br>Application: | General Industry<br>SHM-Solids Handling Machinery   |
|---------------------------|---|
| Substrate:<br>Products:   | steel and rubber<br>* Belzona 2921 (Elastomer GP Conditioner) ,<br>* Belzona 2111 (DS A Ui build Elastomer) |
|                           | * Belzona 2111 (D&A Hi-build Elastomer) ,<br>* Belzona 2121 (D&A Hi-coat Elastomer) ,                       |

Problem Damage of the original rubber lining of an ionization tower Customer Location: *pharmaceutical manufacturer Hungary* Application Date: *March 2020* 



## **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 agressive 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.

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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.

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