

RUBBER LINED IONIZATION CHAMBER REPAIRED

ID: 8322



PROBLEM

Damage of the original rubber lining of an ionization tower.

APPLICATION SITUATION

Pharmaceutical manufacturers are using aggressive chemicals as raw material. A part of the process is to handle 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

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

BELZONA FACTS

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

INDUSTRY

Food & Drink

LOCATION

Pharmaceutical Manufacturer in Hungary

APPLICATION DATE

March 2020

PRODUCTS

Belzona 2111 D&A High-Build Elastomer
Belzona 2121 D&A High-Coat Elastomer
Belzona 2921 Elastomer GP Conditioner

SUBSTRATE

Steel and Rubber

PHOTOS

1. Damaged rubber lining
2. Removing of damaged lining and surface preparation
3. Second layer of Belzona 2121 being applied
4. Finished application

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Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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