

RUBBER LINED IONIZATION CHAMBER REPAIRED WITH BELZONA

ID: 8320



PROBLEM

Damage of the original rubber lining of an ionization tower

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

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 removed from the sterile area. Belzona products were applied without the need of dusty blasting.

INDUSTRY

General Industry

LOCATION

pharmaceutical manufacturer Hungary

APPLICATION DATE

March 2020

PRODUCTS

Belzona 2921 (Elastomer GP Conditioner)
Belzona 2111 (D&A Hi-build Elastomer)
Belzona 2121 (D&A Hi-coat Elastomer)

SUBSTRATE

steel and rubber

PHOTOS

1. Damaged rubber lining
2. Removing of damaged lining and surface preparation
3. Second layer of 2121 is 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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