

Belzona protects Wastewater expansion bellows.

ID: 8488

Industry: Water / Wastewater
Application: SHM-Solids Handling Machinery

Customer Location: Washington
Application Date: April 2021

Substrate: Rubber
Products: * Belzona 2911 QD Conditioner ,
* Belzona 9341 Reinforcement Sheet ,
* Belzona 2221 MP Fluid Elastomer ,

Problem

These rubber wastewater expansion bellows were being weathered by UV and exposure resulting in cracking.



Photograph Descriptions

- * 1. Original condition. ,
- * 2. Belzona 2911 applied. ,
- * 3. Belzona 2221 and 9341 applied, application complete. ,

Application Situation

Rubber expansion bellows on water circulation pipes at a wastewater treatment plant.

Application Method

Surface prep was done with coarse emery cloth and blown clean. Belzona 2911 was applied and allowed to dry as per the IFU. Belzona 2221 was mixed and the cracks filled and the entire surface wetted out with a brush. Then the Belzona 9341 was wrapped around the bellows and pulled tight until the 2221 squeezed through the reinforcement tape and the remaining 2221 was applied by brush to overcoat and seal in the reinforcement tape.

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 Facts

Replacement of one of these bellows would cost over \$1200.00 in parts, and the system would have to be taken offline to perform the replacement. The Belzona application cost a fraction of this took less than one hour and was completed while the system was in operation.

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