

# BELZONA AVOIDS COSTLY DOWNTIME BY PATCHING FUEL BLADDERS

ID: 5265

Industry: *General Industry*

Customer Location: *Alaska, USA*

Application: *SHM-Solids Handling Machinery*

Application Date: *1983*

Substrate: *Fabric Reinforced Rubber*

Products: *\* Belzona 2221 (MP Fluid Elastomer) ,  
\* Belzona 2911 (Elastomer QD Conditioner) ,  
\* Belzona 9341 (Reinforcing Sheet) ,*

## Problem

*Scrapes on the outer rubber layer of the large towable fuel bladders would allow water to wick into the fabric, weakening the fuel bladder.*



## Photograph Descriptions

- \* Bladder showing damage and prepared for conditioner ,
- \* Completed application ,

## Application Situation

Damaged fuel bladders.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-9. The surface was roughened and Belzona 2911 was applied and allowed to cure. Belzona 2221 was brushed on and Belzona 9341 was stippled in. Two hours later a final coat was brushed over the surface.

## Belzona Facts

Patching the bladders was done by using a hot vulcanizer allowing them to do one patch at a time. Bladders with multiple scrapes could take a week or more to repair. With Belzona 2221 several bladders could be repaired every day, putting them back in service faster and saving thousands in labor.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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