

# 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

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve

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.

[www.belzona.com](http://www.belzona.com)

