

BELZONA AVOIDS COSTLY DOWNTIME BY PATCHING FUEL BLADDERS

CUSTOMER

Alaska, USA

APPLICATION DATE

1983

APPLICATION SITUATION

Damaged fuel bladders.

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.

PRODUCTS

Belzona 2221 (MP Fluid Elastomer)

Belzona 2911 (Elastomer QD Conditioner)

Belzona 9341 (Reinforcing Sheet)

SUBSTRATE

Fabric Reinforced Rubber

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 vulcanization 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.

PICTURES

1. Bladder showing damage and prepared for conditioner
2. Completed application



1.



2.

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



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