

# BELZONA SAVES HEAT EXCHANGER FROM COSTLY REPLACEMENT

ID: 5219

Industry: Heating, Ventilation & Air Conditioning

Application: HEX-Heat Exchangers

Substrate: Stainless Steel

Products: \* Belzona 1311 (Ceramic R-Metal) ,

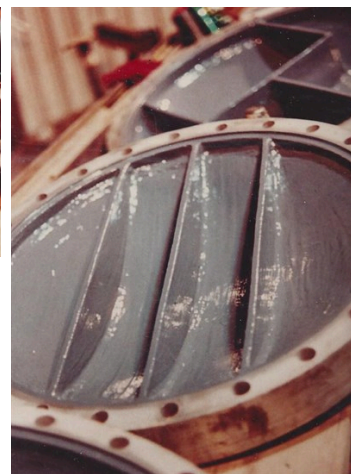
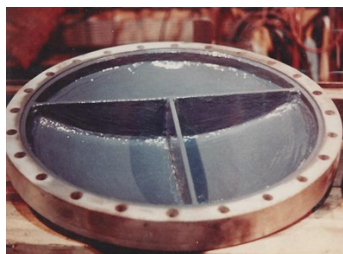
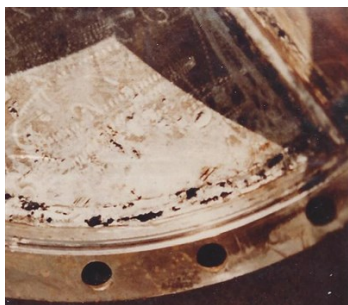
\* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Alaska, USA

Application Date: 1983

## Problem

All ten heat exchangers had been replaced just one year ago. The covers were stainless steel but were welded with a carbon steel rod, setting up electrolysis. Replacements would take more than 3 months to build and a cost of downtime at \$70,000.00 per day. With Belzona, all ten were rebuilt in just seven days. They were opened one year later and the heat exchangers were found to be in perfect condition.



## Photograph Descriptions

- \* End cover showing electrolysis ,
- \* Close up of damage ,
- \* & 4. Completed application on end cover ,

## Application Situation

Heat exchanger covers.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-2.

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**  
Repair • Protect • Improve

Belzona Facts

The alternative was ten new heat exchangers costing over \$500,000.00 plus several millions of dollars in downtime. Instead, all of the ten heat exchangers were rebuilt in seven days with Belzona, costing only \$15,000.00.

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