

# Belzona repair the welding aluminum seams

ID: 7601

Industry: *Power*  
Application: *SOS-Ships and Offshore Structures*

Customer Location: *Slovakia, heating plant*  
Application Date: *2014*

Substrate: *Aluminium alloy*  
Products: *\* Belzona 2211 (MP Hi-Build Elastomer) ,*  
*\* Belzona 2131 (D&A Fluid Elastomer) ,*

## Problem

*Cracks in the aluminium*



## Photograph Descriptions

- \* 1. Damaged vacuum condenser ,
- \* 2. Blasting ,
- \* 3. Belzona 2211 application ,
- \* 4. After Belzona 2131 application ,

## Application Situation

Vacuum condenser has aluminium construction. Source of the cracks on the welding seams is mechanical movement from temperature differences.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet SOS-21.

## Belzona Facts

Cracks mean vacuum lost and decreasing efficiency of all devices. Local welding did not work, also crackled. After some test period with Belzona products customer made decision to applicate Belzona product on all devices.

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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