

## BELZONA REPAIR THE WELDING ALUMINUM SEAMS

### CUSTOMER

Slovakia, heating plant

### APPLICATION DATE

2014

### APPLICATION SITUATION

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

### PROBLEM

Cracks in the aluminium

### PRODUCTS

Belzona 2211 (MP Hi-Build Elastomer)

Belzona 2131 (D&A Fluid Elastomer)

### SUBSTRATE

Aluminium alloy

### 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 apply Belzona product on all devices.

### PICTURES

1. Damaged vacuum condenser
2. Blasting
3. Belzona 2211 application
4. After Belzona 2131 application



1.



2.



3.



4.

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

ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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