

## BELZONA PROTECTS DAMAGED BOOSTER FAN

### CUSTOMER

Turkey

### APPLICATION DATE

December 2012

### APPLICATION SITUATION

The booster fan from an electric powerplant had damage on the case around the diffuser and the fan housings. Damage caused by high temperatures and corrosion. Previous BIRR coating failed.

### PROBLEM

General and pitting corrosion occurring across the fan housing and diffuser. Pitting was filled and then whole area was coated with Belzona high temperature coatings.

### PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1391T

### SUBSTRATE

Mild steel

### APPLICATION METHOD

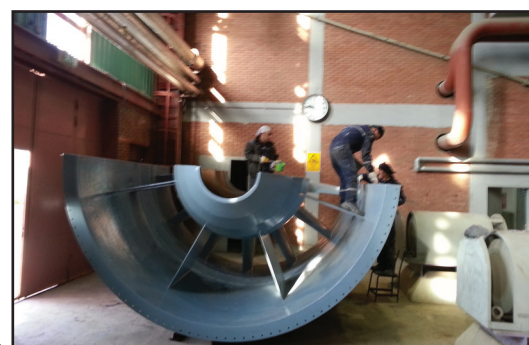
Pitting was filled using Belzona 1111. While in the overcoating window, 2 coats of Belzona 1391T were applied.

### BELZONA FACTS

Previous coatings had failed due to temperature. Working temperature was 60-70C so Belzona 1391T was a good choice to use.

### PICTURES

1. Damaged booster fan.
2. Pitting damage and blasted substrate.
3. Application of Belzona 1391T.
4. Finished application.



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Q 09335  
ISO 14001:2004  
EMS 509612

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