

BELZONA PROTECTS DAMAGED BOOSTER FAN

ID: 4363

Industry: *Power*
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Turkey*
Application Date: *December 2012*

Substrate: *Mild steel*
Products: ** Belzona 1111 (Super Metal) ,*
** Belzona 1391T ,*

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.



Photograph Descriptions

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

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.

Application Method

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

Belzona Facts

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

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