Know-How*in Action*

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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 occuring 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

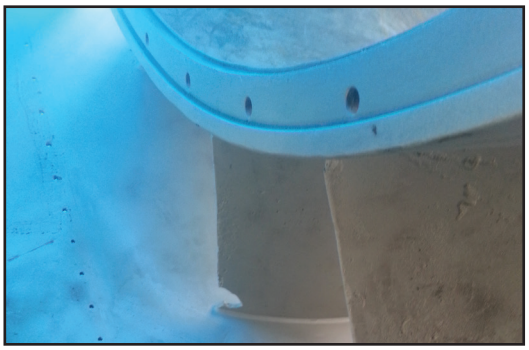
SUBSTRATE
Mild steel

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.

1.


2.


3.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