

# Belzona Rebuilds and Protects Cavitated Fan Vanes

ID: 4202

Industry: *Fluid Flow*  
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Talkha, Egypt*  
Application Date: *October 2006*

Substrate: *Cast Iron*  
Products: *\* Belzona 1311 (Ceramic R Metal) ,*  
*\* Belzona 1321 (Ceramic S Metal) ,*

## Problem

*The fan blades were suffering from the effects of cavitation damage.*



## Photograph Descriptions

- \* 1. Damaged Fan Blades ,
- \* 2. Belzona 1311 application ,
- \* 3. First coat application of Belzona 1321 ,
- \* 4. Second coat application of Belzona 1321 ,

## Application Situation

Fan Vanes

## Application Method

The application was carried out in accordance with FBC-1 and FBC-2.

## Belzona Facts

Belzona is able to rebuild and protect the fan vanes with a quick and easy solution. In areas where the vanes are completely eroded metal plates can be positioned into the system.

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

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9000 Registered Quality  
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