

Fan wheel repair

ID: 9619

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

Customer Location: *Slovakia*
Application Date: *February 2021*

Substrate: *Carbon steel*
Products: *Belzona 1812 (Ceramic Carbide FP)*

Problem

The abrasive material caused severe damage to the wheel



Wheel after blasting

Application of the product
Belzona 1812 on the most
affected areas

Application of the product
Belzona 1812 on the fan blade

Since the repair was carried out
in the winter, the fan had to be
heated and the temperature
had to be controlled.

Application Situation

Damage to the fan caused production outages and reduced equipment performance.

Application Method

Surface blasting according to the required Sa2.5 standard. Degreasing. Application of Belzona 1812 material on the cleaned surface of the device.

Belzona Facts

Damage to the fan caused production outages and reduced equipment performance. Welding could cause deformation of the walls and blades.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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