

# Fan cover protection

ID: 9596

Industry: *Steel & Metal Processing*  
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Slovakia*  
Application Date: *March 2020*

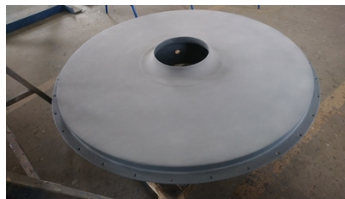
Substrate: *Carbon steel*  
Products: *Belzona 1392 (Ceramic HT2)*

## Problem

*The rubber protection on the fan cover was damaged.*



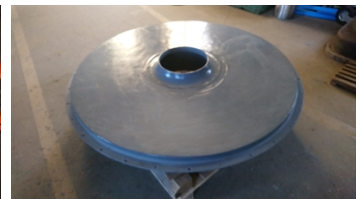
Cover after blasting and washing.



In terms of cleaning the cover from acids, it was necessary to wash and blast the cover several times.



Temperature control during coating curing in the oven.



After applying Belzona 1392.

## Application Situation

Renewing the rubber coating was technically difficult to implement and too expensive for the customer.

## Application Method

Removal of old damaged rubber coating. Blasting the inner surface of the cover according to the Sa2.5 standard to a minimum profile of 75 microns. Multiple degreasing, cleaning, blasting. Application of protective coating system Belzona 1392. Curing of the material in the oven at a temperature of 50°C.

## Belzona Facts

The main advantage of renewing the surface protection of the fan cover was that the Belzona solution was immediately available to the customer, without unnecessary delays in the production process.

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

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