

FAN WHEEL REPAIR

ID: 9619



PROBLEM

The abrasive material caused severe damage to the wheel

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.

INDUSTRY

Cement

LOCATION

Slovakia

APPLICATION DATE

February 2021

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)

SUBSTRATE

Carbon steel

PHOTOS

1. Wheel after blasting
2. Application of the product Belzona 1812 on the most affected areas
3. Application of the product Belzona 1812 on the fan blade
4. Since the repair was carried out in the winter, the fan had to be heated and the temperature had to be controlled.

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