

REPAIR OF DAMAGED IMPELLER EDGES.

ID: 9599



PROBLEM

During the distribution of dusty construction materials, the edges and blades of the fan impeller are damaged.

APPLICATION SITUATION

Dusty material causes damage to the edges and blades of the fan. It was essential to find some solution to protect the fan from abrasion.

APPLICATION METHOD

Blasting the surface to the required standard Sa 2.5. Surface degreasing. Application of the product Belzona 1812 in a total thickness of approx. 6000 µm.

BELZONA FACTS

The damage reduced production productivity and caused production shutdowns. Application of the product Belzona 1812 in a total thickness of approx. 6000 µm prevented damage to the edges and shoveling of the fan.

INDUSTRY

Cement

LOCATION

Slovakia

APPLICATION DATE

January 2024

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)

SUBSTRATE

Carbon steel

PHOTOS

1. Dusty material causes damage to the edges and blades of the fan.
2. Detail of damage.
3. Fixed fan damage using Belzona 1812 product.
4. Repair detail.

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