

REPAIR AND PROTECTION OF FOUNDRY SAND MIXERS WITH BELZONA

ID: 3428



PROBLEM

Severe wear on the bottom as well as the lower part of the inside walls/sides where the mixer arm passes and scrape along the sides.

APPLICATION SITUATION

A foundry with a specialisation in sand casting. The application was to a mixer for the sand used to create the moulds.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet SHM-13. Belzona 1812 was used to repair and protect the exposed surfaces. The rotating mixer arm was used to make sure the bottom and the lower parts of the sides in the mixer were even and correct clearances achieved.

BELZONA FACTS

This job can be considered as a sequel to similar applications successfully done in the USA, with the same Belzona product and technique.

INDUSTRY

General Industry

LOCATION

Foundry in central Sweden.

APPLICATION DATE

December 2011

PRODUCTS

Belzona 1812 (Ceramic Carbide)

SUBSTRATE

Steel

PHOTOS

1. The damaged sand mixer
2. An overview of the sand mixer
3. After the finished application of Belzona 1812
4. An applicator mounted on the mixer arm to achieve the required profile

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