

REPAIR AND PROTECTION OF FOUNDRY SAND MIXERS WITH BELZONA

ID: 3428

Industry: General Industry

Application: SHM-Solids Handling Machinery

Customer Location: Foundry in central Sweden.

Application Date: December 2011

Substrate: Steel

Products: * Belzona® 1812 (Ceramic Carbide) ,

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.



Photograph Descriptions

- * The damaged sand mixer ,
- * An overview of the sand mixer ,
- * After the finished application of Belzona® 1812 ,
- * An applicator mounted on the mixer arm to achieve the required profile ,

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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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