

BELZONA PROTECTS NEW HOPPER FROM ABRASION

ID: 6150



PROBLEM

The hopper is situated on top of the machine and one section suffers from severe abrasion. Structural failures on that section would cause safety and operational problems.

APPLICATION SITUATION

De-dusting machine operating in the cement plant.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-7

BELZONA FACTS

Premature failure of the hopper caused downtime and hopper needed to be repaired by welding. In order to prevent such failures in the future and extend working life of the hopper, customer was looking for a way to protect its critical section before installation. Belzona is already used on this machine (pipe elbow that is connected to the hopper), so customer decided to also use Belzona in this case.

INDUSTRY

Mining & Quarrying

LOCATION

Cement plant, Croatia

APPLICATION DATE

April 2016

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1813

Belzona 9811

SUBSTRATE

Steel

PHOTOS

1. Damaged old hopper. Welding to critical section is visible from the outside
2. New hopper with surface prepared. 3. Belzona 9811 bonded in place using Belzona 1111 4. Grouting Belzona 9811 tiles with Belzona 1813.

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