

BELZONA REPAIR ON STEEL MILL

ID: 2786

Industry: General Industry
Application: GSS-Gaskets, Seals and Shims
Substrate: Steel
Products: * Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Steel mill, Spain
Application Date: 2009

Problem

In the rolling mill housing there were several wear plates which guide the hot steel slabs. Impact and vibration from the heavy metal slabs create damage to the housing behind the wear plates. A significant gap occurred between the support and plates leading to misalignment.



Photograph Descriptions

- * Mill Housings ,
- * Applying Release Agent to underside of wear plates ,
- * Injection Holes ,
- * Finishing off the injection of Belzona® 1321 ,

Application Situation

Due to impact, the soft steel behind the steel guide wear plates in the steel production line were damaged.

Application Method

Application carried out in accordance with Belzona Know-How System Leaflet GSS-9. After cleaning and treating the wear plates with Belzona® 9411 (Release Agent), the plates were aligned by experts before the Belzona® 1321 was injected to fill void between wear plate and housing.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com


BELZONA®
Repair • Protect • Improve

Belzona Facts

Before the repair with Belzona, a new stainless steel plate had to be installed every month. After the Belzona repair, no movement has been detected in the repaired housing after 5 months and the wear plates were still in their ideal position. The mill's downtime has been dramatically reduced.

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