

# Belzona Conveyor Belt Repairs

ID: 9309

Industry: Steel & Metal Processing  
Application: SHM-Solids Handling Machinery

Customer Location: Austria  
Application Date: 2023

Substrate: Rubber  
Products: Belzona 2111 (D & A Hi-Build Elastomer), Belzona 2311 (SR Elastomer)

## Problem

The customer was suffering various issues on their conveyor belts. There were detachments in the area of the original tape bonding. There was significant damage caused by a foreign object getting stuck between a panel and the belt.



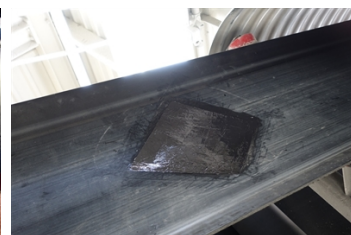
Repair area



Surface preparation



Application in progress



Example of a completed repair

## Application Situation

Repairing a conveyor belt in the steelmaking industry involves a systematic approach to ensure the safety and efficiency of the conveyor system. Most sites look at mobile vulcanization for repairing, or splicing conveyor belts, as an alternative to replacing the belt. Mobile vulcanization involves using a portable vulcanizing press to heat and join the ends of a conveyor belt using vulcanizing techniques which can lead to longer shut down periods and/or higher costs for the client.

## Application Method

Belzona products were used depending on the shutdown duration: This included Belzona 2311 in small emergency situations and Belzona 2211 for general repairs during shutdowns. The combination of Belzona products, tailored to the shutdown duration, along with the expertise and flexibility offered by the local distributor, has resulted in sustainable and effective conveyor belt repairs for the steel making industry.

## Belzona Facts

Within a three-year period, there have been eight projects at a specific location. The projects can be diversified across different industries, including mining, cement, and recycling. The consistent orders confirm that conveyor belt repairs are a well-established and adaptable business in the maintenance and repair sector. In addition, The fact that further refurbishment on repaired areas have not been required since, speaks to the durability and long-lasting effects of the applied Belzona solutions. The local distributor offered very flexible working conditions to the customer.

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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manufactured under an ISO  
9000 Registered Quality  
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