

BELZONA KEEPS THE BELT MOVING

ID: 5925

Industry: Mining & Quarrying
Application: SHM-Solids Handling Machinery

Customer Location: Northeast Washington, USA
Application Date: January 2015

Substrate: Fiber reinforced rubber
Products: * Belzona 2211 (MP Hi-Build Elastomer) ,
* Belzona 2911 (Elastomer QD Conditioner) ,
* Belzona 9341 (Reinforcement Tape) ,

Problem

The edges of the conveyor belt were separated due to a failure on the bonding area.



Photograph Descriptions

- * Close-up view of the separating seam. ,
- * Surface prepared with the MBX Bristle Blaster. ,
- * Application of Belzona 2911. ,
- * Completed application. ,

Application Situation

Production line conveyor belt in a steel foundry.

Application Method

The surface was prepared with a MBX Bristle Blaster for a rough finish and optimum bonding. Belzona 2911 was applied while being careful not to touch it after application. Belzona 2211 was mixed and a short bristle brush was used to scrub the first layer into the roughened rubber. Additional Belzona 2211 was applied to Belzona 9341 and it was applied over the seam. The remainder of Belzona 2211 was applied over the top and smoothed for a clean finish.

Belzona Facts

Replacing the belt would be around \$3,000.00 and hot vulcanizing has not been very successful in the past. This Belzona repair used only one unit of material and allows the customer to do their own repairs on their own time, when it is convenient rather than scheduling a repair company.

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