

Belzona Guides its Clients into Rebuilding & Protecting an Assembly Line

Buffer Chain Guide

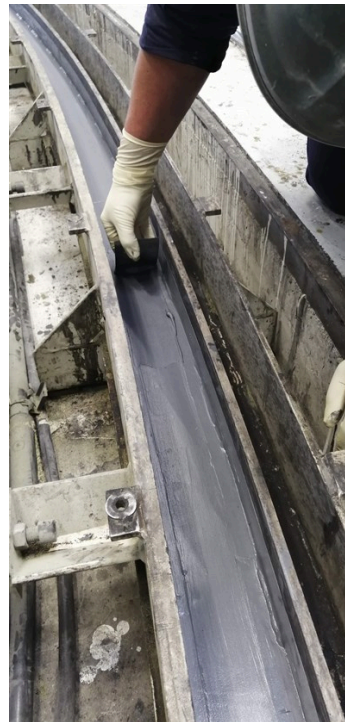
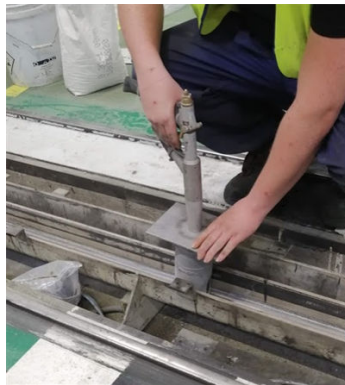
ID: 8506

Industry: General Industry
Application: GSS-Gaskets, Seals and Shims
Substrate: Steel
Products: * Belzona 1311 (Ceramic R-Metal) ,
* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Angers, France
Application Date: September 2020

Problem

The conveyor chain had worn the channel that guides it by 6-8mm over a period of 10 years.



Photograph Descriptions

- * 1). Problem Area ,
- * 2). Specific Grit-blasting Dust Extraction Tool ,
- * 3). Application of Belzona 1311 ,
- * 4). Final Application ,

Application Situation

Levelling off wear at the bottom of a buffer chain guide on an automotive assembly line.

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
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Repair • Protect • Improve

Application Method

After chute degreasing and stripping, reloading of worn areas with Belzona 1311 and application of Belzona 1321 coating (both containing Ceramic fillers) in order to reduce future wear rate. The application was carried out in accordance with Belzona System Leaflet GSS-5 & GSS-9.

Belzona Facts

The client couldn't afford to have any dust in the vehicle assembly block, this forced the Distributor to form their own grit blasting nozzle allowing them to not only blast but also contain and recouperate the grit, minimising the spread of dust. The client was astonished by not only the Distributors ability to work within tight constraints but also by the possibility of using Epoxies to repair rather than replace the whole chain guide.

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