

BELZONA GUIDES ITS CLIENTS INTO REBUILDING & PROTECTING AN ASSEMBLY LINE BUFFER CHAIN GUIDE

ID: 8506



PROBLEM

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

APPLICATION SITUATION

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

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.

INDUSTRY

General Industry

LOCATION

Angers, France

APPLICATION DATE

September 2020

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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