

Motor Manufacturer Wash Bay

ID: 9497

Industry: General Industry
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Carbon steel
Products: Belzona 5831LT

Customer Location: Derby
Application Date: September 2019

Problem

A triple High Pressure mechanised wash bay, used for leak testing on newly manufactured cars, had suffered serious internal corrosion through 24/7 operations over 25 years.

Particles of rust and old paint were become entrained in the streams of HP water and were damaging the paintwork of the newly manufactured motor vehicles



General internal side view of one of the chambers



A close up of the general condition of the internal bay's steelwork



5 years on and the coating is still perfect. The client uses this as an example of their maintenance regime



Close up of the coating, 5 years later, in operation 24/7/365

Application Situation

During the factory shutdown, the works were planned in and mobilised. A period of 4 weeks was set and an extremely strict H&S rules were to be implemented with spot checks and random inspections.

The Belzona applications team were highly commended for their work ethic, H&S and flexibility, which is still talked about by the Manufacturers staff 5 years on.

Application Method

Due to the location of the works, mechanical preparation could not be employed, making the whole project hand-prep only. This was carried out by up to 10 operatives, using scrapers and wire brushes.

Belzona 5831LT was applied at 2 coats according to IFU specifications.

Belzona were one of 150 companies operating in the factory during the shutdown.

On the following year's awards day, Belzona received the top Safety award for their performance during the works.

Belzona Facts

The only other option was to replace the panels of the wash bay which would have been devastating to production

Belzona Applications added extra operatives during the contract to ensure that the client's project was completed on time and on budget

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.

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Having spoken to the client, only yesterday, following 5 years of 24/7 operations, they were still singing the praises of the works and they made it clear they are absolutely confident in Belzona Products and Belzona applications.

We are now currently offering costings for a further "High Precision" wash bay which will take place early 2025

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