

Loading bay concrete repair

ID: 9950

Industry: *Buildings & Structures*

Customer Location: *Worksop*

Application: *WPA-Wall Problem Areas*

Application Date: *July 2020*

Substrate: *Concrete*

Products: *Belzona 4111 (Magma-Quartz), Belzona 4151 (Magma-Quartz Resin), Belzona 4911 (Magma TX Conditioner)*

Problem

Constant lorry impacts had damaged a loading bay side wall



Damage to loading bay side wall



Showing a large repair needed



Repair completed



Repair some 5 years later showing scratched from lorries, but no real damage

Application Situation

Working within a very small window of opportunity, the client needed a quick and long term fix. Belzona had proved itself many times on site, so the client had no reservations in approaching the local engineer for a solution

Application Method

Remove all loose materials and vacuum

Mix and apply Belzona 4911 TX Conditioner

Create former and apply Belzona 9411 release agent to internal surfaces

Mix and apply Belzona 4111 and trowel off

Allow to cure and remove released woodwork

Belzona Facts

To recast concrete to this area would have been unsuccessful. The client needed a quick turnaround and an extreme durable product that would at least outlast concrete. 5 years on and the repair is still performing as expected, with a few scratch marks showing it's durability to heavy impact

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