

Emergency Floor Repair with Belzona 4111

ID: 9031

Industry: General Industry

Customer Location: Kirkland Washington

Application: FPA-Floor Problem Areas

Application Date: March 2023

Substrate: Concrete

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

Problem

Designated walkway was heavily damaged over the years.

Previous repairs had failed and the client was faced with safety violations.

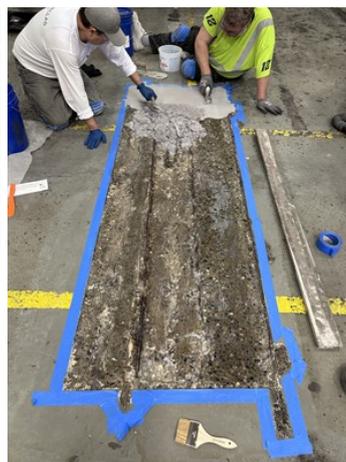
Traditional concrete was unable to withstand the chemicals and heavy traffic.



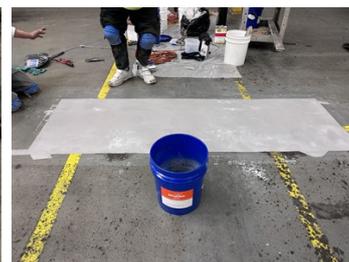
Area to be repaired



Repair area defined, sawcut and excavated
4911 Surface Conditioner Applied



4111 Being Applied



Finished Application

Application Situation

Customer needed a quick turnaround to accommodate the next days shift. The floor was suffering from daily chemical contact that had worked through the previous coating and into the concrete. 4111 was selected for the quick turnaround and chemical resistance. The repair was completed with four and a half kits of 4111 in 3 hrs. No delays for the next days production.

Application Method

Area was sawcut to a minimum of 0.25". Low spots were up to 3" deep and exposed rebar was prepped using a Bristle Blaster. A chipping hammer was used to remove break up the sections that were well adhered.

Belzona Facts

Savings were equivalent to losing half a days production and estimated at \$30,000

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FS 695214
ISO 14001:2015
EMS 695213

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