

A SHOWER AT A MINE MADE SAFE WITH BELZONA

ID: 7756

Industry: Mining & Quarrying

Application: FPA-Floor Problem Areas

Substrate: Concrete

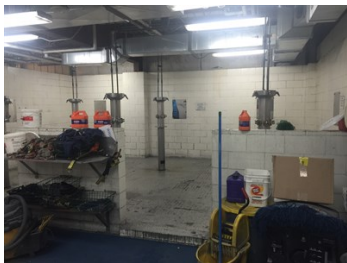
Products: * Belzona 4911 (Magma TX Conditioner) ,
* Belzona 4111 (Magma-Quartz) ,
* Belzona 5911 (Ceramic Conditioner) ,
* Belzona 5111 (Ceramic Cladding) ,

Customer Location: Alaska, USA

Application Date: March 2018

Problem

Originally, the floor was tiled. Eventually, it was damaged and an epoxy coating was used. It did not last too long before it began to flake off.



Photograph Descriptions

- * 1. Shower in original condition. ,
- * 2. Shower in original condition. ,
- * 3. Application is complete. ,
- * 4. Application is complete. ,

Application Situation

A shower room at a live-in camp at a mine in Alaska.

Application Method

The application was carried out in accordance with a modified version of FPA-1 System Leaflet. The entire floor was prepped with a concrete grinder. The existing epoxy was removed, and the surface of the concrete was smoothed off leaving clean fresh concrete. Belzona 4911 and 4111 were applied over the entire floor to smooth off the irregularities and fill in the damage that was present from where the grout lines were with the original tile. Once that was completed, Belzona 5911 was applied with a semi-fine

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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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alumina oxide aggregate to provide a safe slip-free floor. Following the Manufacturer's Instructions For Use, Belzona 5111 was applied in two coats, first white, then gray as the Customer chose.

Belzona Facts

This mine location and Belzona have had a good history together, so when the shower floor needed to be addressed, they called Belzona. After much consideration and careful evaluation of the cleaning products being used, we were, with the technical help of TKL at Belzona Global. The order was placed and shipped and a full set of instructions were written and sent to the customer along with all of the Instructions For Use for each material. The customer then undertook the application with his team. It took them a total of 3 days from start to finish, and they were very pleased with the results, and will be doing their other shower soon. That is one of the benefits of Belzona products, they are simple and safe enough for an in-house maintenance team to use without prior experience.

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