

BELZONA PROVIDES A BULK REPAIR TO A MEAT FREEZER FLOOR

ID: 7662

Industry: Food & Drink

Customer Location: Meat Processing Plant, Florida, USA

Application: FPA-Floor Problem Areas

Application Date: December, 2017

Substrate: 40 year old concrete

Products: * Belzona 4154 (Bulkfill Resin) mixed with pea gravel ,
* Belzona 4124 (Bulkfill) ,
* Belzona 4111 (Magma-Quartz) ,
* Belzona 4911 (Magma TX Conditioner) ,

Problem

Freezer floors have been under 24/7 heavy forklift operation and freezing conditions for more than 40 years. Some areas needed major overhaul. Major concrete damage was found on floors that are indispensable for plant operation. In addition, some localized repairs were needed all over the place. Turnaround time was also an issue with only 3 days to perform repairs.



Photograph Descriptions

- * 1. Condition of the floor after removing covering metal plates ,
- * 2. Surface preparation on the way ,
- * 3. Ongoing application (Belzona 4154 and pea-gravel) ,
- * 4. Finished repair after Belzona 4111 application ,

Application Situation

Freezer floors.

Application Method

Application was carried out in accordance with a modified version of Belzona System Leaflet FPA-1. A slurry mix of Belzona 4154 was used to create a foundation where dirt was the substrate. Belzona 4124 was applied over to minimize the cost of deep pour. Belzona 4111 was used as a top layer because of its unique properties.

Belzona Facts

Backed by over 65 years of experience, Belzona was able to specify the appropriate materials. Belzona was chosen over a new concrete pour due to previous performance at the plant and time constraints. Belzona was able to deliver a high performance and

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ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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a fully cured floor system.

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