Rapid Warehouse Concrete Floor Repairs

ID: 10355

Industry:	*Food & Drink*	Customer Location:	*Cape Canaveral, Florida*
Application:	*FPA-Floor Problem Areas*	Application Date:	*August 2026*
Substrate:	*Concrete*		
Products:	*Belzona 4111 (Magma-Quartz),Belzona 4911 (Magma TX Conditioner)*		

Problem

The warehouse concrete floor had several localized areas of deterioration and material loss in areas subjected to continuous industrial and forklift traffic. Because the Morton Salt facility operates 24 hours a day, seven days a week, extended shutdowns for conventional concrete repairs were not practical. The customer required a durable repair system that could restore the damaged areas while minimizing interruption to warehouse operations.



Localized concrete floor damage in the Morton Salt warehouse before repair, showing deterioration and material loss caused by continuous industrial and forklift traffic.



Damaged concrete area isolated and prepared for repair, showing removal of loose and deteriorated material to create a sound repair profile before conditioning and application of Belzona 4111.



Completed Belzona 4111 repair after rebuilding and leveling the damaged concrete area, restoring the floor surface and creating a smooth transition with the surrounding warehouse floor.



Completed view of multiple localized Belzona 4111 concrete repairs across the Morton Salt warehouse floor, restoring damaged areas while minimizing disruption to normal 24/7 operations.

Application Situation

The primary requirement was a fast and practical concrete repair solution that would allow the warehouse to return to operation with minimal downtime. Conventional concrete repair methods could have required extended curing periods and additional equipment. The Belzona system allowed multiple damaged areas to be repaired in place without removing large sections of the existing floor or bringing in heavy equipment.

Application Method

The damaged concrete areas were prepared in accordance with the Belzona application requirements to remove loose and deteriorated material and provide a sound substrate. Belzona 4911 was applied to condition the prepared concrete, followed by Belzona 4111 to rebuild and restore the damaged floor areas. The material was placed and finished to match the surrounding warehouse floor and provide a durable repair suitable for continued industrial traffic.

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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Belzona Facts

Belzona 4111 provides a high-strength epoxy and aggregate repair system for rebuilding damaged concrete and cementitious surfaces. Belzona 4911 was used to condition the prepared concrete before application. One of the key benefits of this project was the rapid return to service: the repairs were completed on Friday at approximately 3:00 PM, and the warehouse was able to resume normal operations approximately 16 hours later on Saturday, minimizing disruption to a facility that operates continuously.

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