

BELZONA REPAIR STILL IN PLACE AFTER NINE YEARS & MILLIONS OF PASSOVERS

ID: 429

Industry: General Industry
Application: FPA-Floor Problem Areas
Substrate: Concrete
Products: * Belzona® 4111 (Magma-Quartz) ,
* Belzona® 4131 (Magma-Screed) ,

Customer Location: Missouri Department of Transport - USA
Application Date: August 1994

Problem

Patching with asphalt is temporary, other products were not staying in place, causing safety concerns. A four hour timeframe is the longest allowed for lane shutdown.



Photograph Descriptions

- * Final stages of surface preparation ,
- * Belzona® 4131 down; ready for next phase ,
- * Belzona® 4111 applied ,
- * External heat apparatus to speed up the lane opening ,

Application Situation

Big pothole in busy concrete interstate highway.

Application Method

The application is carried out in accordance with a modified version of Belzona Know-How System Leaflet FPA-1.

Belzona Facts

This nine-year-old application is on the busiest stretch of interstate in the state of Missouri - linking St. Louis with Kansas City. The ragged edges and spalled concrete were cut out. Belzona® 4131 was used to fill in the hole, topped off with 1/4"-inch of Belzona® 4111. The application area was then covered with concrete blankets and heated with a gas-fired portable heater. External heat was applied for 50 minutes at 180°F, allowing the lane to open less than four hours later. It's still there today.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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