

# BELZONA CALLED IN FOR TOUGH FLOOR REPAIRS

ID: 5942

**Industry:** Buildings & Structures  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 4111 (Magma-Quartz) ,  
\* Belzona 4911 (Magma TX Conditioner) ,

**Customer Location:** Clarksville, TN, USA  
**Application Date:** September 2015

## Problem

The customer was having difficulty finding materials to repair the damaged concrete floors and that would hold up to the weight of the 15,000 pound automated robots they used to shuttle materials around their production facility.



## Photograph Descriptions

- \* Preparing the area with a grinder ,
- \* Conditioning with Belzona 4911 ,
- \* Applying Belzona 4111 by trowel ,
- \* Completed application ,

## Application Situation

Concrete floors.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet FPA-1. The repair area was cleaned using acetone and a rotary wire wheel. An angle grinder was then used with a masonry wheel to prepare the area to allow for an application of at least 1/4" of Belzona 4111. The area was then given a final cleaning with acetone. Belzona 4911 was used to condition the substrate and Belzona 4111 was then trowelled into place and smoothed out. In the warm environment the repair was ready for service in about 4 hours.

## Belzona Facts

Many other floor repair materials had been tried and had been found lacking for a number of reasons including difficulty of

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

**BELZONA**  
Repair • Protect • Improve

application, cure time/downtime, surface roughness, or inability to withstand the environment. With a compression strength of 15,000 psi, a solid bond to the concrete, easy application, quick curing time and a smooth finish with Belzona 4111 is the repair they were looking for.

---

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

