

# Belzona 5815 Continues to Protect Concrete Switchyard - 14 Months in Service Update

ID: 9961

Industry: Power  
 Application: TCC-Tanks and Chemical Containment Areas  
 Substrate: Concrete  
 Products: Belzona 4111 (Magma-Quartz), Belzona 5815

Customer Location: Birmingham, AL  
 Application Date: May 2024

## Problem

Our customer was looking to renovate and protect their concrete switchyard. There was no previous coating but movement over 40+ years had caused some cracks and areas of concern.



Belzona 5815 pictured (14 months in service)



Belzona 5815 pictured (14 months in service)



Belzona 5815 (14 months in service) used with 9371 composite reinforcement tape. This was applied to all seams and perimeters where the walls met the floor.



Belzona 5815 (14 months in service)

## Application Situation

Our customer had used Belzona on a number of containments around the plant. Our reputation and great product made this a great option that our customer was comfortable in selected.

## Application Method

With no prior coating, our client used a 3500psi + pressure washer to clean and create a profile on existing concrete.

Any damaged concrete or unlevel areas were repaired with Belzona 4111.

Gaps and seams that could limit containment, were filled with caulk and sealed with Belzona 5815 and 9371 composite tape to reinforce.

(2) coats of Belzona 5815 were applied.

#16 aluminum oxide aggregate was broadcasted into the second coat for a non skid effect.

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

## Belzona Facts

Belzona has done a great job protecting this plants assets previously and was a great option for this large containment area.

---

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)



Copyright © Belzona International Limited 2025