

# BELZONA REBUILDS CONDUIT GAP

ID: 6325



## PROBLEM

Conduit was buried in concrete. The concrete started failing.

## APPLICATION SITUATION

Conduit Gap

## APPLICATION METHOD

All the concrete was cleaned out and where it was not already rough, grinders were used to roughen the substrate. Belzona 4154 was mixed with clean river rock to bulkfill the conduit gap. Once the conduit gap was filled up, Belzona 4154 was mixed with sand and spread out. The bulkfill was top coated with Belzona 4111 for added strength and blend. The application was carried out in accordance with Belzona Know-How System Leaflet FPA-12.

## BELZONA FACTS

The customer saved money by repairing with Belzona because of the longevity of the repair. They had “repaired” it several times before, only to fail quickly. It took one day to do the work. Belzona was chosen for the strength of the product, adhesion to the substrate, and quick cure time. Concrete was brought up, but they decided to go with the best, and most cost effective choice of material to repair with.

## INDUSTRY

General Industry

## LOCATION

Battery Manufacturing Plant, NC, USA

## APPLICATION DATE

June 2016

## PRODUCTS

Belzona 4154 (Bulkfill Resin)  
Belzona 4111 (Magma-Quartz)

## SUBSTRATE

Concrete

## PHOTOS

1. Empty conduit gap.
2. Taking up volume with Belzona 4154 with river rock followed by Belzona 4154 with sand on top.
3. After spreading the Belzona 4154 with sand.
4. Top coated with Belzona 4111.

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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