

# BELZONA SQUARES THE CORNER

ID: 6198

Industry: Buildings & Structures

Application: WPA-Wall Problem Areas

Substrate: Concrete

Products: \* Belzona 4151 (Magma Quartz Resins) ,

\* Belzona 4111 (Magma Quartz) ,

Customer Location: Shopping centre, Brisbane, Australia

Application Date: September 2010

## Problem

A delivery truck had reversed into the wall of the shopping centre, damaging the wall and exposing the reinforcement.



## Photograph Descriptions

\* 1. Close up of the original damage 2. Crack stabilisation complete 3. Rebuild of the damage underway 4. The completed application ,

## Application Situation

Damaged wall at a local shopping centre

## Application Method

Application was carried out in accordance with Belzona System leaflet WPA-4. All loose material was removed and the exposed reinforcement bars cleaned to remove all rust. The remaining cracks in the wall were stabilised and then injected with the Belzona 4151. Once the Belzona 4151 had cured, the cracks were vee'd out and filled using the Belzona 4111. The damaged areas were also rebuilt using the Belzona 4111 to restore the original profile.

## Belzona Facts

Belzona 4000 series products were chosen because of their fast curing, high strength properties that allowed the wall to be rebuilt back to better than its original condition

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.

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