

# Rebuilding damaged overhead concrete

ID: 3823

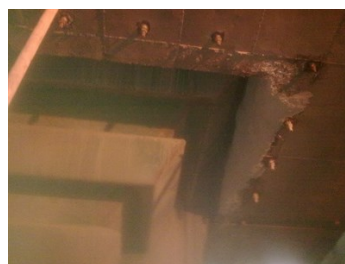
Industry: Mining & Quarrying  
Application: RPA-Roof Problem Areas  
Substrate: concrete

Customer Location: Iron Ore Company, IRAN  
Application Date: July 2012

Products: \* Belzona 4911 (Conditioner) ,  
\* Belzona 4141 (Magma-Build) ,

## Problem

Due to the existence of crack in the concrete structure and ingress of water in the cracks, some area of concrete gets part and the round bars are corroded with expose to water and air.



## Photograph Descriptions

- \* 1. Removing damaged concrete ,
- \* 2. Damaged area and showing round bars ,
- \* 3. and 4. Completed repair ,

## Application Situation

Overhead concrete structure

## Application Method

Application carried out in accordance with the Belzona Know-How system leaflet RPA-2 and the selected Belzona 4141 mixed and applied in accordance with the relevant Instruction For Use. Overhead concrete structure has extensive areas of damage created by crack and water leakage and affects the round bars. Application of Belzona 4141 as a lightweight repair system, would protect round bar and reinforce the cracks.

## Belzona Facts

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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**BELZONA**  
Repair • Protect • Improve

Belzona 4141 as a solvent free material easily bond to the older concrete surfaces.

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