

# BELZONA REPAIRS A RESTAURANT ROOF

ID: 6427

Industry: *Buildings & Structures*  
Application: *RPA-Roof Problem Areas*

Customer Location: *Thailand*  
Application Date: *Feburary 2017*

Substrate: *Concrete*  
Products: *\* Belzona 3111 (WG Membrane) ,*  
*\* Belzona 3911 (PSC Surface Conditioner) ,*  
*\* Belzona 9311 (Reinforcement Sheet) ,*

## Problem

*A restaurant with a concrete roof had several areas where water penetrated through inside of the building every time it rained. The problem areas had been repaired with additional concrete but the water still leaked through.*



## Photograph Descriptions

- \* 1. Surface Preparation ,
- \* 2. Applying Belzona 3911 (PSC Surface Conditioner) ,
- \* 3. Application of Belzona 9311 Reinforcement Sheet wetted out with Belzona 3111 ,
- \* 4. Complete application ,

## Application Situation

Many buildings with concrete roofing in Asia suffer from the effects of severe weather changes. The concrete deteriorates unless it is protected.

## Application Method

The application was carried out in accordance with Belzona System Leaflet RPA-1. The area was made clean, firm and dry prior to application. Problem areas were masked off and Belzona 3911 was applied. Once touch dry, Belzona 9311 Reinforcement Sheet wetted out with Belzona 3111 was applied. Finally, a top coat of Belzona 3111 was applied to complete the system.

## Belzona Facts

The customer had used concrete to patch the problem areas but there was still leakage. Belzona was able to address the specific problem areas and the system was cured within 2.5 hours. The restaurant did not have to close down and with Belzona 3111 solution, unlike concrete solutions, the owner did not have to worry about the curing time.

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

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