

# INTERIOR DAMAGE AS WATER PENETRATES THE BUILDING ROOF

ID: 4924

Industry: Buildings & Structures

Customer Location: Toronto, Ontario

Application: RPA-Roof Problem Areas

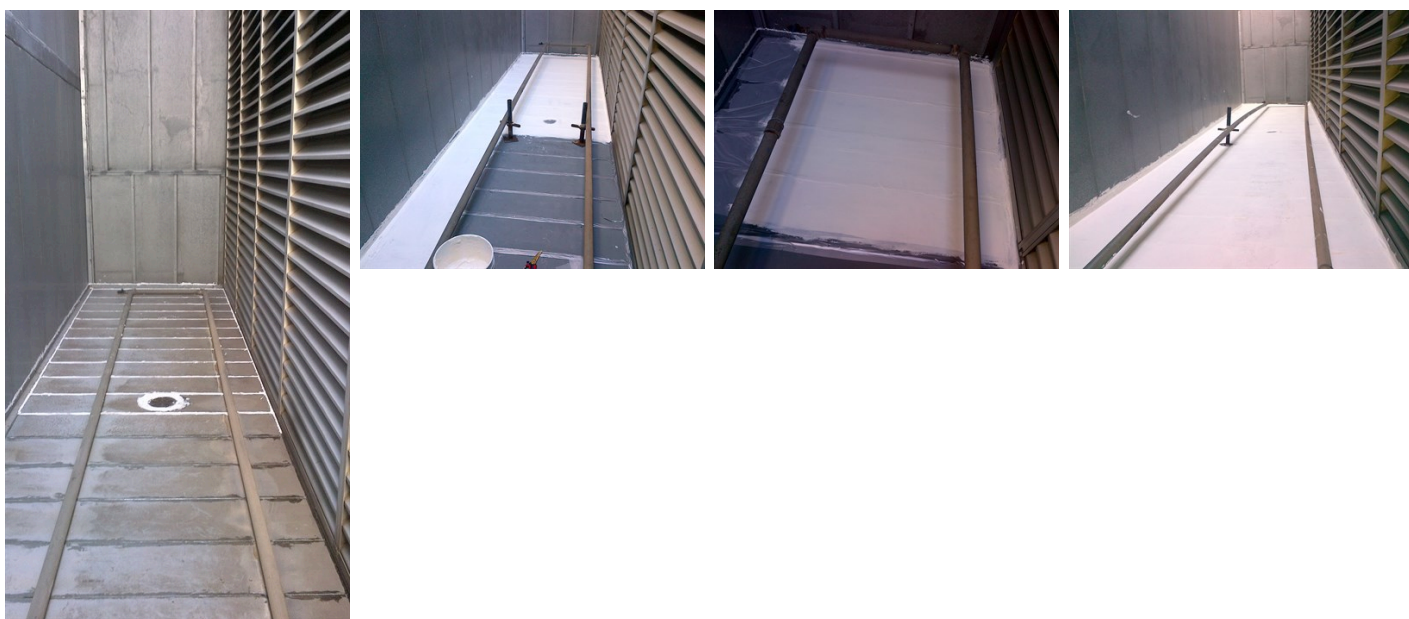
Application Date: August 2012

Substrate: Steel

Products: \* Belzona 3111 (Flexible Membrane) ,  
\* Belzona 3921 (GSC Surface conditioner) ,  
\* Belzona 9311 (Reinforcing sheet) ,

## Problem

The joints between the panels on the air handling unit deck were not properly sealed. The deck is open to atmosphere and tends to accumulate water causing water to penetrate the building and damage interior walls.



## Photograph Descriptions

- \* Unit deck prior to application ,
- \* Application underway ,
- \* Alternate view of the application ,
- \* Completed Application ,

## Application Situation

Steel panels on the air handing unit deck

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  
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## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet RPA-6. The surface was prepared by removing all the debris, dirt and stagnant water and abrading the surface to remove rust and create an anchoring profile. Belzona 3921 was applied as a first layer. Belzona 3111 was applied as a two coat system incorporating Belzona 9311 in accordance with Belzona Instructions For Use.

## Belzona Facts

Belzona 3111 is a long term repair and protection solution with outstanding environmental protection. The system follows complex roof contours, is highly elastic, adapts to roof movements and allows the substrate to breathe.

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