INTERIOR DAMAGE AS WATER PENETRATES THE BUILDING ROOF

ID: 4924

Industry:	*Buildings & Structures*
Application:	*RPA-Roof Problem Areas*
Substrate:	*Steel*
Products:	** Belzona 3111 (Flexible Membrane) ,*
	* Belzona 3921 (GSC Surface conditioner) ,
	* Belzona 9311 (Reinforcing sheet) ,

Customer Location: *Toronto, Ontario*
Application Date: *August 2012*

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.
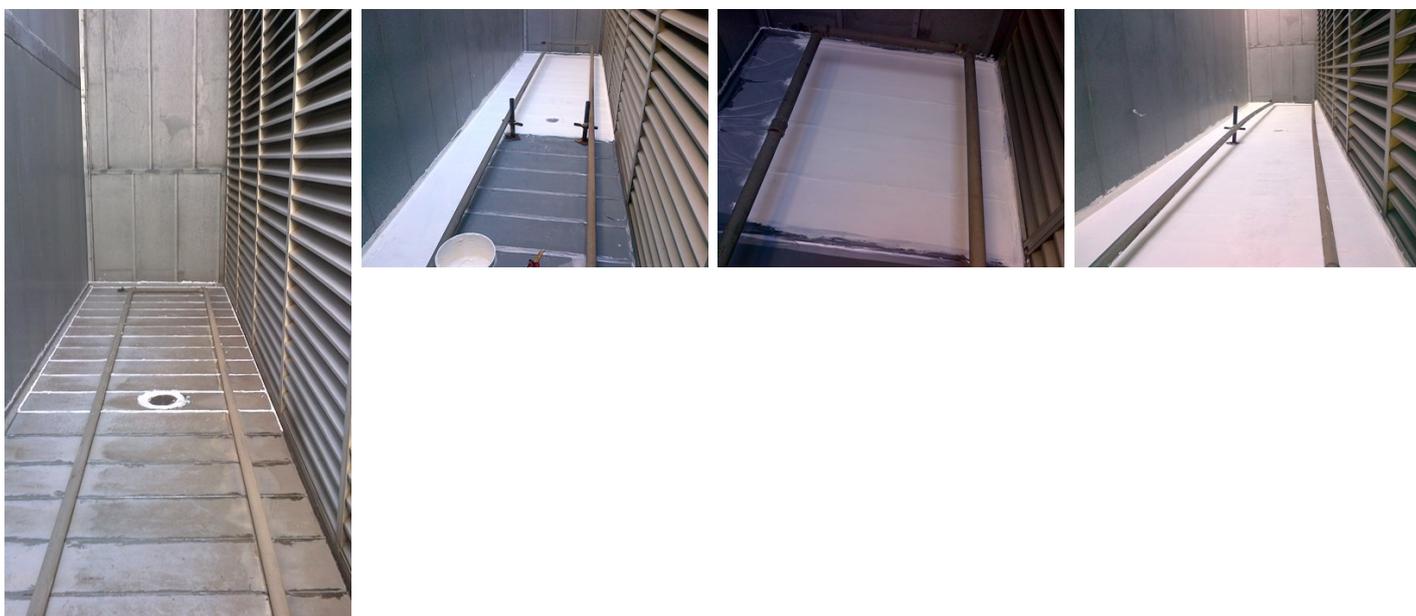
Photograph Descriptions

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

Application Situation
Steel panels on the air handing unit deck

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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