

BELZONA OVERCOMES ROOF DESIGN FLAW

CUSTOMER

River Dam Authority, Vinita, OK

APPLICATION DATE

August, 2005

APPLICATION SITUATION

Leaks entering into various rooms, including the Board Room, at this HQ building from various points around the roof.

PROBLEM

A small collection trough around the 660' perimeter of the roof had mistakenly been "engineered" into the original installation. Water collected and eventually drained under the roof sheets toward the center of the building until it found a leak path onto the ceiling.

PRODUCTS

Belzona® 3111 (Flexible Membrane)

SUBSTRATE

Darby gum roofing sheets and metal flashing.

APPLICATION METHOD

Application carried out according to Belzona Know-How System Leaflet RPA-1. After surface preparation a fully reinforced Belzona® 3111 system was applied so that it overlapped onto the metal perimeter trim and the main roof covering.

BELZONA FACTS

The application quickly sealed this water penetration point effectively bonding to the different substrate materials. Cost of materials under \$1K, Immediate response and supervision from the Belzona Consultant ensured the work was completed in less than one day by the clients own staff.

PICTURES

1. The poor roof design allowing water to collect and enter
2. Conditioning of metal trim and roof sheet
3. Belzona® 3111 being applied through the Reinforcing Sheet
4. Completed application with entire building perimeter sealed with Belzona Membrane System



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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Q 09335
ISO 14001:2004
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