

BELZONA STOPS WATER LEAKING INTO AIRCRAFT HANGAR

CUSTOMER

Airport, MO, USA

APPLICATION DATE

November, 2004

APPLICATION SITUATION

Damaged outer wall flashing of an airplane hangar.

PROBLEM

This hangar at a municipal airport was leaking water into aircraft hangars due to the damaged flashing and creating a slip hazard near the entry door. Mastics and caulk had failed and a more permanent solution was needed.

PRODUCTS

Belzona 3121 (MR7)

Belzona 4111 (Magma-Quartz)

SUBSTRATE

Metal and asphalt

APPLICATION METHOD

The flashing was re-secured to the asphalt with mechanical fasteners. Two coats of Belzona 3121 was then applied a few inches above the flashing and down onto the asphalt. Also, a small berm was fabricated with Belzona 4111 to divert run-off water away from the door.

BELZONA FACTS

Belzona was chosen as the solution to this problem as it could be accomplished in the harsh winter weather conditions with no disruption to the airport operations. This repair was easily completed in one day with the hangar never being out of service.

PICTURES

1. Picture of airplane hangar
2. Damaged flashing and area of penetration
3. Berm built to direct water away from the door
4. Picture of completed repair



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Q 09335
ISO 14001:2004
EMS 509612

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