

BELZONA SAVES MONEY WITH RUNWAY LIGHT REPAIR

ID: 5262

Industry: Transport
Application: FPA-Floor Problem Areas
Substrate: Concrete
Products: * Belzona 4111 (Magma-Quartz) ,

Customer Location: Washington, USA
Application Date: 1993

Problem

The runway lights protruded above the runway. If a snowplow hit one it would need replacement, which costs \$700 for each.



Photograph Descriptions

- * Runway light showing the previous ramping material removed ,
- * Conditioning the surface ,
- * Troweling down Belzona 4111 ,
- * Completing the application with Belzona 4111 after the forming lid was removed ,

Application Situation

Runway lights.

Application Method

A lid was made as a former so the light cover can be removed for servicing after Belzona 4111 was applied. The concrete was roughened and Belzona 4111 was troweled down to form a "ramp" around the runway light. After full cure a snowplow was used to drive over the ramp dropping the plow at 50 MPH. There was no damage to the ramp.

Belzona Facts

The light pots cost \$700 to replace and the only alternative was to continue replacing the pots as they were damaged. Other concrete repair materials had been tried but failed under the snowplow.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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