

# BELZONA TAKES OFF AT THIS INTERNATIONAL AIRPORT

ID: 294

**Industry:** General Industry  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Steel reinforced concrete.  
**Products:** \* Belzona® 4111 (Magma Quartz) ,

**Customer Location:** International Airport, U.S.A.  
**Application Date:** 1993

## Problem

Certain sections of the runway and ramps were spalled from both thermal cycling as well as mechanical damage from constant aircraft traffic.



## Photograph Descriptions

- \* Spalled concrete on runway ,
- \* Surface prepared by chipping loose concrete ,
- \* Conditioned with Belzona® 4911 (Magma TX Conditioner) ,
- \* Curing of completed repair being accelerated with heat ,

## Application Situation

Landing areas and ramps.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet FPA-1.

## Belzona Facts

Belzona® 4111 (Magma Quartz) was mechanically mixed after the damaged areas were prepared and thoroughly conditioned. The repair material was hand applied and accelerated with infrared lighting to sufficiently cure in the scheduled four-hour downtime. Nine other repair materials were tried, but all failed because of a combination of slow cure times and poor adhesion characteristics.

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  
9000 Registered Quality  
Management System.

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