

## BELZONA TAKES OFF AT THIS INTERNATIONAL AIRPORT

### CUSTOMER

International Airport, U.S.A.

### APPLICATION DATE

1993

### APPLICATION SITUATION

Landing areas and ramps.

### PROBLEM

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

### PRODUCTS

Belzona® 4111 (Magma Quartz)

### SUBSTRATE

Steel reinforced concrete.

### APPLICATION METHOD

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

### BELZONA FACTS

Belzona® 4111 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.

### PICTURES

1. Spalled concrete on runway
2. Surface prepared by chipping loose concrete
3. Conditioned with Belzona® 4911 (Magma TX Conditioner)
4. Curing of completed repair being accelerated with heat



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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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