

BELZONA TAKES OFF AT THIS INTERNATIONAL AIRPORT

ID: 294



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

International Airport, U.S.A.

APPLICATION DATE

1993

PRODUCTS

Belzona 4111 (Magma Quartz)

SUBSTRATE

Steel reinforced concrete.

PHOTOS

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 khia.belzona.com

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