

LIFETIME WATERPROOFING AND PROTECTION FOR STRUCTURAL CONCRETE

RADCON[®]
FORMULA#7



AIRPORT
SITE REFERENCES

SITE REFERENCE

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SITE DETAILS:

CONSULTANT - Greiner Engineers / Alex Vasburg
APPLICATOR - Radcon Industries
TREATMENT DATE - June 1986
TREATED AREA - 86,000 sq mtrs Runway 10L - R28

'D Type' Cracking on runway surface. The runways had been severely attacked by de-icing salts, which are utilised during the winter months. The salts had caused spalling of the deck, and as a result, the tyres on the planes were being damaged by sand from the spalling areas. During the freeze thaw process, the cracking was becoming gradually worse chipping off pieces around the crack surface. As a consequence the plane's jet intakes were being damaged by the spalling sand.



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Sydney International Airport - AUSTRALIA

SITE DETAILS:

CONSULTANT - Federal Airports Corporation
BUILDER - N/A
TREATMENT DATE - August 1999
TREATED AREA - 500 sq mtrs Taxi apron & Runway approach

Sydney Airport – AUSTRALIA Stage 2

SITE DETAILS:

ARCHITECT - Peddle Thorp Walker
BUILDER - AW Edwards
CLIENT - CRI
TREATMENT DATE - May 1991
TREATED AREA - 2,000 sq mtrs Poduim Decks over arrivals

Bangladesh International Airport

SITE DETAILS:

CONSULTANT - John Holland Engineering
BUILDER - John Holland Construction
TREATMENT DATE - May 1992
TREATED AREA - 10,000 sq mtrs Hangar roof top & Taxi apron

Sydney Airport – AUSTRALIA - Stage 2

SITE DETAILS:

ARCHITECT - Peddle Thorp Walker
BUILDER - Phillip Lipman
TREATMENT DATE - July 1991
TREATED AREA - 3,000 sq mtrs Poduim Deck over retail area



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SITE DETAILS:

- SPECIFIER - Devine Erby Mazlin
- BUILDER - Amacon Constructions
- TREATMENT DATE - June 1991
- TREATED AREA - 2,500 sq mtrs Roof & Podium Decks over storage retail

As a part of major commercial development adjacent to Sydney Airport, this site is one of four separate complexes on which Radcon #7 has been specified to waterproof either the podium decks or roof tops.



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SITE DETAILS:

CLIENT	- Greiner Engineers / Alex Vasburg
CIVIL ENGINEERING	- Radcon Industries
MAIN CONTRACTOR	- Bcke Enterprenor
TREATMENT DATE	- Sep 1997 / July 1998
TREATED AREA	- 56,000 sq mtrs Car park decks, Roof tops & Ramp ways



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SITE DETAILS:

APPLICATOR - RADCON ITALIA
TREATMENT DATE - 2005
TREATED AREA - 35,000 sq mtrs Roof & Car park level



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SITE DETAILS:

APPLICATOR - RADCON ITALIA
CONTRACTOR - Italian Air Force Laboratories Ciampino
TREATMENT DATE - May / December 2003
TREATED AREA - 11,600 sq mtrs Taxiway & aircraft parking station

A laboratory and field evaluation of RADCON #7 conducted by the Italian Air Force laboratories validated the product's concrete waterproofing and protective characteristics.

The treated area will be further examined after 4 years in order to confirm RADCON #7's long-term surface protection and durability increase benefits.



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