



MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE

# CASE HISTORY

## Extending Service Life: Rotana Resort Saadiyat



### LOCATION

Saadiyat Island - Abu Dhabi

### CORTEC® REPRESENTATIVE

Cortec® Middle East

### SPECIFYING ENGINEER

Khatib & Alami Consolidated Engineering

### CONTRACTOR

Ali and Sons & Kier Construction JV

### PRODUCT

MCI®-2005

### PROBLEM

This prestigious five-star resort consists of 354 rooms and 13 villas with a built-up area of 75,158.56 square meters (809,000 ft<sup>2</sup>). The project is located very close to the sea where the salinity level in the groundwater table is high, creating a high risk of steel reinforcement corrosion.

### DATE

March 2015

### CUSTOMER

Xtramix Concrete Solutions LLC

### PRESENTED BY:



Environmentally Safe VpCI®/MCI® Technologies  
[www.cortec-me.com](http://www.cortec-me.com)

### APPLICATION

MCI®-2005 was incorporated into more than 18,000 cubic meters (635,664 ft<sup>3</sup>) of concrete in the substructure.

### CONCLUSION

MCI®-2005 met the requirements of the design engineering firm and was incorporated to enhance the durability of concrete and maximize the life of the structure.



**MIGRATING CORROSION INHIBITORS**  
FROM GREY TO GREEN

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