



MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE

# CASE HISTORY

## Extending Service Life: Elite 9 in Dubai Sports City



### OWNER

Triplanet International

### SPECIFYING ENGINEER

Barajeel Engineering Consultants

### CONTRACTOR

Global Contracting

### PRODUCT

MCI®-2005

### PROBLEM

The project calls for the construction of a 15-story residential tower in Dubai Sports City. The project will be built on four plots and feature an L-shape. It will house 750 units. The structure's concrete piles will be partially submerged in underground water, so a corrosion inhibitor is needed to protect the metal reinforcement in the piles.

### APPLICATION

MCI®-2005 was used as an admixture in more than 5,500 cubic meters (7,193.73 yd³) of concrete in the structure's piles.

### CONCLUSION

MCI® was the only approved corrosion inhibitor technology used in the project. It was added as extra protection from the corrosive environment to which the concrete piles would be exposed.

### DATE

April 2015

### LOCATION

Dubai Sports City

### CUSTOMER

Unibeton Ready Mix

### PRESENTED BY:



Environmentally Safe VpCI®/MCI® Technologies  
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**MIGRATING CORROSION INHIBITORS**  
FROM GREY TO GREEN