



MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE

Case History Spotlight #565: Enhancing Durability of Marina Arcade



The construction of a large mixed-use residential tower in the Al Marina area of Dubai presented the challenge of a high water table and high chloride content in the soil. As a result, the project's engineering consultants specified [MCI®-2005](#) for use in the entire substructure, amounting to 10,000 cubic meters (13,079.51 yd³) of concrete. MCI® was preferred over other corrosion inhibitors for a variety of reasons, including its low dosage rate and certification to meet NSF Standard 61 requirements for use in potable water structures. With the project's location near the sea, choosing MCI®-2005 was an important investment in the durability of a structure that would support 47 stories and house a three-level parking garage.

Log in to read the full case history: <https://www.corteccasehistories.com/>

Keywords: Cortec, Case History Spotlight, Marina Arcade, MCI, MCI-2005, concrete admixtures, corrosion inhibitors for concrete, corrosion solutions for high water tables, corrosion solutions for Middle East construction projects, building in Sabkha soil

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