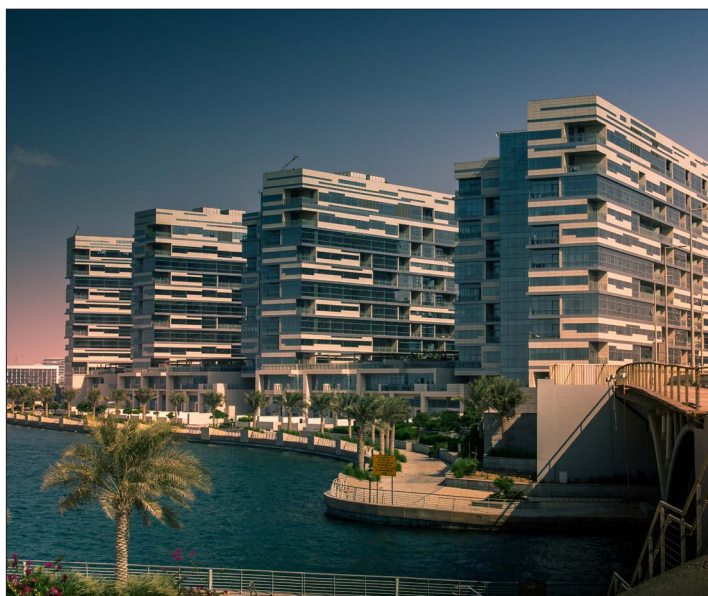




MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE

Case History Spotlight #487: Protecting Substructures at Al Raha Beach



In 2014, a new development near the sea in Abu Dhabi faced the challenge of high salinity groundwater. The project was large, including four commercial and residential buildings with double basements and 10 floors in addition to ground floors and podiums. Calcium nitrite (CNI) was initially specified, but the low dose and practicality of [MCI®-2005](#) from Cortec® Middle East proved more attractive. MCI®-2005 corrosion inhibiting admixture was therefore approved for use in the project's substructure as an extra defense against the corrosiveness of high salinity groundwater.

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

Keywords: Case History Spotlight, Al Raha Beach, concrete admixtures, MCI-2005, Migrating Corrosion Inhibitors, corrosion inhibitors for concrete, calcium nitrite disadvantages, MCI advantages, construction challenges with corrosive groundwater

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