

MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE

CASE HISTORY SPOTLIGHT

Case History #102: Concrete Cooling Tower Repair



A major power supplier needed high quality repair materials to fix cooling towers that had been damaged by corrosion and contaminated by chlorides and carbonation. Prior to placing repair mortars, MCI®-2020 was sprayed into the area where concrete had spalled. The cavity was then filled in using MCI®-2038 and MCI®-2039. Surrounding areas were treated with MCI®-2020 to fight the ring-anode effect that can accelerate corrosion in concrete adjacent to repairs. In this way, the immediate repair was completed using a proven technology that would have ongoing effects to mitigate future corrosion and concrete damage.

To read the full case history, please visit: <u>https://www.corteccasehistories.com/?s2member_</u> file_download=access-s2member-level1/ch102.pdf

Keywords: concrete repair, Cortec, MCI, From Grey to Green, repair mortars, cooling towers, cooling tower repair, concrete spalling, concrete damage, corrosion

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