



MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE



CASE HISTORY

Reservoir Preservation

PROBLEM

The customer had experienced many corrosion problems in their previous facilities. For this new construction project, they required an innovative corrosion protection product for the concrete mixture.

APPLICATION

MCI®-2005 was used directly by different ready mix suppliers in a dosage of 0.6 liters per cubic meter. The total amount of product was 900 liters for 1500 cubic meters of concrete. The reservoir design was rectangular with an interior dimension of 43.5 x 23 meters. The structure consisted of reinforced concrete walls with variable thicknesses (0.5 to 0.65 meters). The bottom of the reservoir was 0.3 meters thick and the roof was 0.3 meters thick.

CONCLUSION

Past corrosion issues prompted the customer to improve the durability of their concrete construction projects from the beginning. Because the customer also needed a product that could be in contact with drinking water, Cortec's MCI®-2005 was the perfect and obvious solution.

DATE

2016

CUSTOMER

C.A.T. Consorci D'Aigües De Tarragona

CORTEC® REPRESENTATIVE

Quimilock S.A.

LOCATION

Tarragona, Spain

PRODUCTS

MCI®-2005

4119 White Bear Parkway, St. Paul MN 55110 USA
Phone (651) 429-1100, Toll free (800) 4-CORTEC
Fax (651) 429-1122, Email: info@cortecvci.com
www.cortecvci.com

ch502 3/2016

Printed on recycled paper 100% Post Consumer



MIGRATING CORROSION INHIBITORS
FROM GREY TO GREEN

©2015, Cortec Corporation. All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited. ISO Accreditation applies to Cortec's processes only.