



DATE
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DISTRIBUTOR
Glimmer Industrial Consultation

ENTREPRENEUR
Mey-Herzlia LTD

ENGINEER
Horwitz Buch Engineering LTD

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

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CASE HISTORY

BRANDEIS Water Tower Preservation

CONSTRUCTOR

Reshef H. Contractors (1990) LTD

LOCATION

8 Brandeis Avenue, Herzlia, Israel

PRODUCTS

MCI®-2020

PROBLEM

This 70 year old water tower developed corrosion cracking, spalling and water leaks necessitating repair.

APPLICATION

First, all delaminated, unstable concrete was removed. Exposed reinforcing steel was cleaned and new concrete patches were placed. The entire structure was then treated with two coats of MCI®-2020 with a total dosage rate of 3.68 square meters per liter (150 square feet/ gallon). Following MCI®-2020 application, bi-component PU paint was applied.

CONCLUSION

MCI®-2020 was chosen over the competitor product (Ferrogard 903) due to its superior corrosion protection, better coverage rate with fewer required coats, and ANSI-certification.



MIGRATING CORROSION INHIBITORS
FROM GREY TO GREEN



Brandeis Tower prior to application.



Brandeis tower during preservation.