

# CASE HISTORY

## South Water Tower Preservation



### CONSTRUCTOR

Reshef H. Contractors (1990) LTD

### LOCATION

92 Yehuda Hanasi St., Herzlia, Israel

### PRODUCTS

MCI®-2020

### PROBLEM

This 25 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.

### DATE

2009

### DISTRIBUTOR

Glimmer Industrial Consultation

### ENTREPRENEUR


Mey-Herzlia LTD

### ENGINEER

Horwitz Buch Engineering LTD

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**MIGRATING CORROSION INHIBITORS**  
FROM GREY TO GREEN

**South Tower during application.**



**South Tower during application.**



**South Tower prior to application.**