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Attention: Editor

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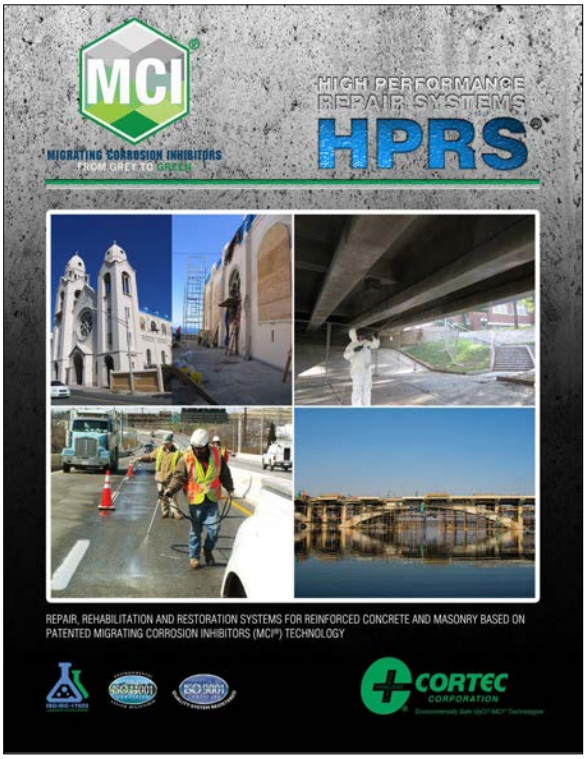
PRESS RELEASE

Cortec's MCI® HPRS® Produces Amazing Results And Sharply Lowers Corrosion Rates In Concrete!



Spalling or deterioration of reinforced concrete does not inevitably signal the end of concrete structures. With Cortec's High Performance Repair System (HPRS®), it is possible to greatly reduce a structure's corrosion rate and extend useful service life. Cortec's highly durable, multifunctional, and compatible protection systems maximize the concentration of Migrating Corrosion Inhibitor (MCI®) molecules for the most effective repairs.

HPRS® utilizes a special sequence to maximize performance of MCI® in concrete repairs. This process begins with base surface preparation to remove all spalled, loose, and deteriorated concrete. Rust on exposed rebar is eliminated with VpCI®-426 rust remover or treated with CorrVerter® Rust Primer. Two

coats of anti-corrosion MCI® grout are recommended on any exposed rebar or metal, followed by the application of various MCI® repair mortars to the concrete structure. Once the repair mortar is cured, MCI®-2020's powerful formula is sprayed, brushed, or rolled on in order for MCIs to penetrate through concrete and attach to and protect the surface of embedded reinforcing steel. After sufficient absorption, other materials such as coatings or water repellants may be applied on top.

A successful example of the HPRS® system in action is highlighted in Cortec's Case History 496 on the restoration and protection of concrete pipelines in Spain. The customer, C.A.T. (Consorci D'Aigües De Tarragona), had a network of prefabricated reinforced concrete pipes at least thirty years old that were experiencing corrosion problems. After removal of damaged concrete and rust, Quimilock passivating grout containing MCI®-2006 NS was applied to exposed rebar. Quimilock repair mortar with MCI®-2006 NS was used next, followed by MCI®-2020 application on the entire surface. Test results showed decreased corrosion rates, and the customer was very pleased with the results of Cortec's innovative MCI® products.

Case History 496 is only one example of the active corrosion-inhibiting power of MCI®. Cortec® looks forward to providing more positive results in the future use of MCI® HPRS® for concrete repairs.

To view the entire case history, please visit:
http://www.corteccasehistories.com/case-histories/ch496.pdf

To find out more about Cortec's innovative MCI® product line, please visit:
www.cortecmci.com

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.

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