



# NEWS ALERT

## Cortec® Announces Its 500<sup>th</sup> Case History On Inhibiting Corrosion Across The Globe!!

For over 30 years, Cortec® has been in the business of stopping corrosion around the globe. A sampling of success stories from the many successful applications of VpCI®, MCI®, and other corrosion inhibiting products has been recorded in Cortec’s library of case histories. This library has reached a major milestone with the publication of Case History 500. Readers can now peruse hundreds of examples that describe Cortec’s integrated corrosion prevention solutions in action. These examples range from high performance coating application at the governor’s mansion near Cortec® headquarters in Saint Paul, Minnesota, to preservation of subsea pipelines in Egypt, to corrosion control of bullet train bridges in Japan, to high-performance packaging solutions used in global export. Preservation of many unique and historically significant structures is included in the mix. Several highlights follow.



Cortec’s first case history dates back to 1988, when Lucas Industries needed to protect metal fuel injection parts from corrosion before plating. Instead of continuing to dip parts in mineral oil, the company switched to protecting parts in small boxes that had a VpCI®-101 Device attached to the top. This basic Cortec® product offered more effective protection with less labor and no cleanup.

Fast forward to the year 2000 and Case History 285, in which Cortec® provided protection in a much different manner on the world-renowned Whaling Wall murals created by the Wyland Foundation in Florida and Hawaii. MCI® Architectural Coating was used on a number of these larger than life ecological murals, helping them withstand the harsh environmental conditions to which they are exposed.

Case History 310 features the world’s tallest building—Burj Khalifa Tower in Dubai, UAE. At 2,717 feet, this building was founded on a deep substructure that incorporated MCI®-2005 to protect against harsh groundwater conditions. The building has a 100 year design life. *(Continued Page 2)*

**Cortec's First Case History (top) and the 500th - 30+ years of proof of innovative corrosion prevention solutions!**

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for the Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001, and ISO 17025 Certified.





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**Case History #285: "World Renown Wyland Murals Protected with Cortec's MCI® Architectural Coating"**

Case History 339 tells the saga of MilCorr® VpCI® Shrink Film surviving three hurricanes and still managing to protect Halvorsen 25K Aircraft Cargo Loaders in layup. The MilCorr® escaped with a few minor cuts and met all parameters during testing.

Another corrosive environment less than 300 feet from the ocean is addressed in Case History 349. At its seaside location, the 100 year old San Agustin Church was deteriorating due to rebar corrosion. MCI® products were chosen for repair over market alternatives because of excellent performance and easy application.



**Case History #310: "BURJ KHALIFA TOWER (Burj Dubai) - The World's Tallest Building"**

In a unique change of setting, Case History 376 covers treatment of the infamous Alcatraz Federal Penitentiary, where the National Park Service (NPS) called on Cortec® to address the potential hazard of corrosion and loose concrete on the main prison building. Application of MCI®-2020 and CorrVerter® provided a cost effective treatment that could be applied within time constraints.

Case History 407 highlights the long-lasting nature of Cortec® products, demonstrated in the last minute application of a 30+ year old bottle of Cortec's Rawn™ Re-Grip to a jammed scanner feed. When a last minute repair call was not possible, this old product effectively solved the paper jam.

Shifting from long lasting products to ancient structures, Case History 449 highlights the use of CorrVerter® to help preserve the Zagreb Cathedral in Croatia, built in 1093. CorrVerter® was applied to corroding metal bands surrounding the south tower, enabling a low cost, minimally invasive repair.

In its milestone Case History 500 (October 2015), Cortec's products head to Alaska, where Chugach Electric's Beluga Power Plant required protection of a steam turbine, boiler system, and several thousand square feet of associated carbon steel pipelines and ducting. Cortec's VpCI®-337 was fogged through void spaces at a rate of one ounce per cubic foot, and treated areas were sealed and labeled as "VpCI® Protected." The application was extremely satisfactory to Chugach Electric, leaving them confident in the successful preservation of their units and assured of an easy future startup. *(Continued Page 3)*

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For so many customers like Chugach Electric, the U.S. Air Force, and the National Park Service, Cortec® products have provided safer, more efficient, and more economical solutions to stopping rust and corrosion on valuable parts and assets. A review of Cortec’s substantial case history library will reveal an outstanding record of providing more environmentally friendly products, extending structural service life, and even reducing corrosion claims to zero.

To view more Cortec® case histories, please visit:

<http://www.corteccasehistories.com/>



**Case History #339: "MilCorr®: Tough Enough for Three Hurricanes"**



**Case History #349: "Repair of San Agustin Church"**



**Case History #376: "Emergency Stabilization of Alcatraz"**



**Case History #407: "30+ Year Old Product Still Works!"**

**Case History #449: "Reconstruction of Zagreb Cathedral with VpCI® CorrVerter®"**

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