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Attention: Editor

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PRESS RELEASE



World Renowned Severn Bridge Preserved with Patented PTC Emitters!



Severn Bridge, famous for its design is considered one of the 5 most attractive bridges in the world by architects and civil engineers.

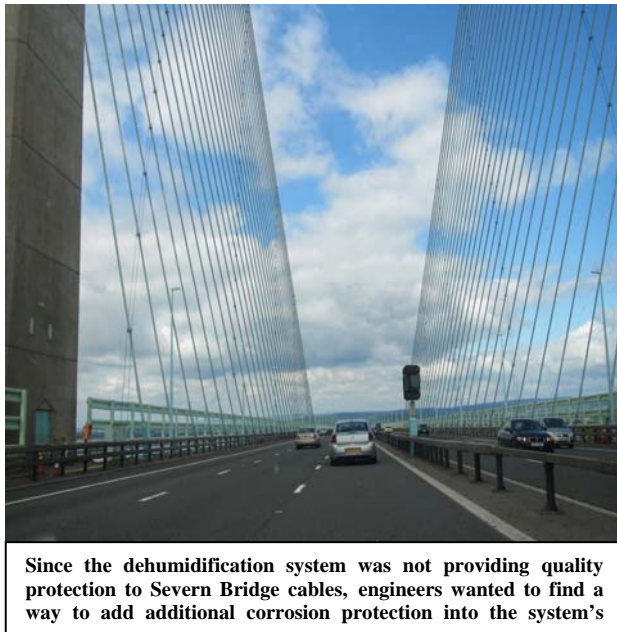
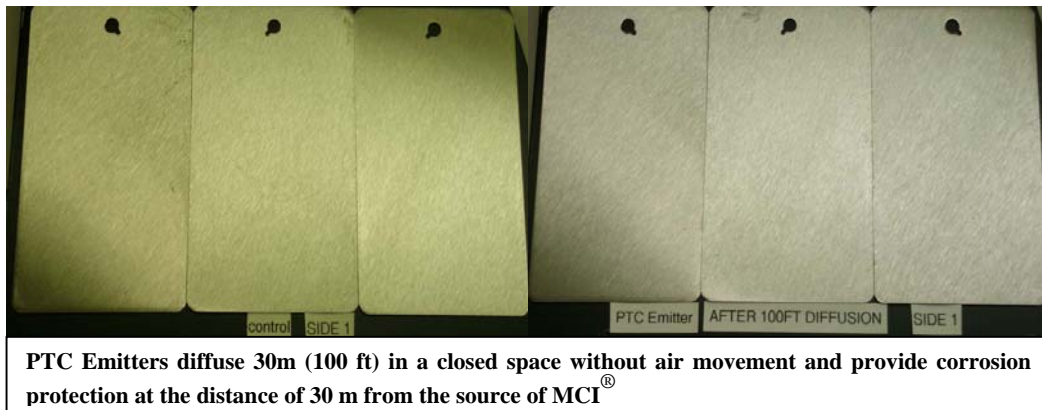
Cortec® Corporation presents - PTC Emitters - unique pouches, constructed from breathable Tyvek* filled with Migrating Corrosion Inhibitor (MCI®) that emits into the air. They provide an extremely efficient, clean, dry, and easy method of corrosion protection in enclosed spaces.

Beautiful Severn Bridge in Wales, England is a cable stay bridge maintained by the UK Highways Agency. The suspension cables on this type of bridge are known to corrode over a long period of time. World renowned bridge design engineering firm Mott MacDonald, has specified PTC Emitters for this project because of their effectiveness, ease of application, and low overall cost of corrosion protection.

PTC Emitters contain MCI® that vaporizes and emits through the membrane and forms a protective layer on all metallic surfaces and recessed areas, providing complete corrosion protection to both ferrous and non-ferrous metals. They do not contain silicates, phosphates, nitrites, or heavy metals.

This high-tech and easy to use product is ideal for the protection of bridge tendons, post tensioning cables, and tubular structures as well as parts and equipment during shipment and storage. There are no chemical concentrations to calculate and no need for special application equipment.

Evaluation of effect of corrosion protection from PTC Emitters at 30m diffusion



For the Severn Bridge application a simple hatch and crate system was developed as part of the main dehumidification pipework to allow for placement of the PTC emitters, in a minimum amount of time, without having to turn off the air flow while the emitters are changed.

The system has now been running for over 5 years and testing was carried out using MCI[®] sensor solution that confirmed the presence of MCI[®] inhibitor in and around the cable. Testing has shown no material incompatibilities with the dehumidification system or any detrimental effects on the materials that the suspension cables are wrapped with.

By using the PTC Emitters, the number of strand breakages per year is now down to zero!

Cortec[®] PTC Emitters conform to military specification MIL-I-22110C, NACE Standards TM0208-2008 and RP0487-2000. These products are compliant with RoHs and Reach regulations.

* Tyvek is a registered trademark of Dupont

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Cortec[®] Corporation is a 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 Certified.

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