

NEWS ALERT



Cortec[®] Featured in February Issue of Concrete Business Daily

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Cortec has the Solution for You

Cortec Corporation is trusted globally in the corrosion protection business. Headquartered in St. Paul, Minn., Cortec manufactures environmentally friendly, Vapor phase Corrosion Inhibitor (VpCI) & Migratory Corrosion Inhibitor (MCI) technologies. Cortec has more than 400 products for Construction, Packaging, Metalworking, Electronics, Water Treatment, Oil & Gas and other industries that are distributed worldwide. Cortec is ISO 9001:2008/ISO 17025/ISO 14001:2004 certified.



Cortec's patented MCI technology protects reinforcing metal in concrete from corrosion. MCI

extends the life span of new and existing concrete structures. Corroding and deteriorated rebar in concrete is often the cause of costly repairs, financial losses, injuries, and even deaths. Cortec has the corrosion solution. Their MCI products maintain structural integrity, rehabilitate vulnerable structures, and alleviate environmental concerns. A unique feature of MCI is that the inhibitor will migrate a considerable distance through concrete to protect embedded ferrous metals.

Cortec MCI products are available in many forms for use in both new and existing structures. They are effective against carbonation, chlorides, and other forms of corrosive attack. Unlike standard inorganic inhibitors, MCIs don't have to be directly applied to embedded reinforcing steel in order to protect it.

In new construction applications, MCI admixtures are typically used. MCI admixtures are available in both liquid and powder formulations, and work at low dosage rates (1.0-1.5 pints/cubic yard for liquids; 1.0

pound/cubic yard for powders). MCI is generally added to ready mix concrete at the batch plant together with the mixing water. The latest generation contains sugar beet based corrosion inhibitors and is certified to meet NSF Standard 61 for use in structures containing potable water.

Use of MCI on existing structures can be done with several different types of products. These include corrosion inhibitor surface treatments for concrete and masonry, MCI water repellants, and repair mortars containing MCI. The MCI in these products has been shown to pen-

etrate up to 4 inches into concrete to embedded reinforcing steel. They are easy to apply; typically the recommended dosage rate can be achieved in a single coat application.

In addition, MCI products are available for specialty applications. Whether you need to remove oil from a floor before a coating or membrane application, need to provide temporary corrosion protection to post tensioned cables, or protect a building from graffiti, Cortec has the solution for you.

For more information, stop by Booth #S10754 or visit www.CortecVCI.com.

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.

