

MCI® Polyfilm Continued

Cortec's unique VpCI™ Technology is incorporated into the MCI® Film. The vapor phase corrosion inhibitors migrate through the air going wherever water, moisture and humidity travel. The VpCIs form a very thin micro-layer on metal to protect all metal surfaces, even those that are not in contact with the MCI® Film.

The film protects both ferrous and non-ferrous metals. It can be used for items such as wire mesh, rods, rebar, tubing, and metal forms. When MCI® Film is used between concrete and metal studs, it stops corrosion that can occur at the contact points, and also protects the rest of the stud, thereby increasing the life of the structure.

MCI® Film passes Federal Std. 101C, Method 4031. In addition to corrosion protection, it provides a good moisture barrier that has high puncture and tear resistance. Made from partially recycled materials, the film is 100% recyclable. It is available in rolls and sheets.

Salt Storage Facility Case History

In early August, employees from Cortec Corporation and American Engineering Testing (AET) updated corrosion rate readings and chloride levels on the Hennepin County Salt Storage Facility in Medina, Minnesota. This facility was built in 1997, using MCI 2000 in the mix design, and stores road salt for county trucks. The majority of the facility is filled with salt 10 months out of the year, and the walls are damp, creating a very corrosive environment.



**Hennepin County Salt Storage Facility
in Medina, Minnesota**

AET performed chloride analyses on core samples taken from the lower portion of the wall where the most salt exposure had occurred. This analysis showed that chloride levels at the bar had already exceeded the level upon which active corrosion will begin. However, corrosion rate and copper/copper sulfate half-cell potential readings taken with the Gecor 6 device indicated that there was actually very little corrosion occurring. This was confirmed with a visual inspection of the bar in the location where the chloride levels and corrosion rate readings were taken. This is another excellent example of how MCI 2000 is effective in mitigating chloride-induced corrosion.

VHDRS becomes HPRS

In an effort to make our MCI Repair system better, as well as more cost effective, Cortec Corporation has changed our VHDRS (Very High Durability Repair Systems) to HPRS (High Performance Repair Systems). With this change, Cortec Corporation will be manufacturing the products in the United States instead of importing them from Italy. The products will maintain their high quality performance, but will be more cost effective to use. All product numbers will remain the same, they are just a part of the HPRS instead of VHDRS systems. Please see the new brochure for this system, enclosed with your newsletter, as well as an article on surface preparation and structural repair of concrete.

Cortec Competitor Files for Bankruptcy Protection

W.R. Grace & Co. filed for Chapter 11 bankruptcy protection in response to a rising number of asbestos claims. According to the May 2001 issue of Adhesives & Sealants Industry, Grace was hit with an unexpected 81% increase in asbestos claims filed last year, making it unlikely that the company could not resolve present and future claims under existing circumstances. The company said it would continue operations while it reorganizes and develops a plan to address the asbestos claims and other debts.