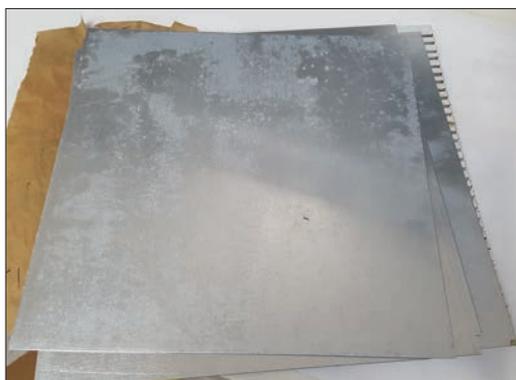


NEWS ALERT



Fall is Coming! Time to Stock up on Cortec® VpCI® Paper & Film for Seasonal Temperature Swings



No protection



Protected with VpCI-146 paper



Fall is coming to the Northern Hemisphere. That means cooler temperatures are on their way. While cooler temperatures generally tend to slow corrosion rates, they also present other problems that can cause corrosion. For instance, metal sheets or other components going in and out of a warm building and into the cooler air outside can cause corrosion from airborne moisture condensing on the surface of the metal.

This was what happened for one steel manufacturer who experienced condensation and subsequent corrosion on galvanized steel plates that were moved out of a warm warehouse into cold outdoor temperatures for shipment and then back inside another warm warehouse at the shipping destination.

To find a solution, Cortec® Laboratories simulated the process of warm-cold cycles by moving sample stacks of galvanized sheet metal in and out of a freezer to create daily condensation cycles. After two weeks, there was white rust on the unprotected top and bottom panels, but none between the layers where CorShield® VpCI®-146 Paper had been placed for corrosion protection. The lab could still tell that condensation had occurred between the layers because the papers showed alternate signs of water saturation and drying. However, these surfaces were protected by the CorShield® VpCI®-146 Paper.

With cold weather coming, manufacturers may want to take similar precautions against condensation corrosion by stocking up on VpCI® Papers and Films such as CorShield® VpCI®-146 Paper (corrosion protection on both sides), EcoShield® VpCI®-144 Paper (corrosion protection and repulpable moisture barrier), and VpCI®-126 Film. Each of these materials is easy to slip into the packaging process and can mean great rewards by avoiding the headaches caused by corrosion on metals.

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 and ISO 14001 Certified, and ISO 17025 Accredited.

