



NEWS ALERT

Global Voice in Technical Coatings Solutions Publishes Cortec® VCI Transportation Coatings Article!

Paint & Coatings Industry (PCI) Magazine has published an article from Cortec® Corporation on Vapor Corrosion Inhibitor (VCI) removable coatings! This article appeared in PCI's August 2016 issue focused on the subject of "Transportation Coatings."

The article describes how bare-metal goods are at high risk for corrosion, which will result in high costs and unhappy customers if not prevented. Corrosion can make a huge impact on the substantial market of metal goods in transit all around the globe. VCI coatings fill an important niche for protecting metal parts of unusual size or shape, such as large tractors, being shipped long-distance or overseas.

VCI coatings offer extra protection by creating a highly hydrophobic layer of VCI ions that are attracted to the metal surface. Many VCI coatings can be applied clear for easy inspection on bare or painted surfaces of multiple metal types, providing up to 24 months of unsheltered outdoor protection and even longer protection indoors. Many VCI coatings are water-based, have no or low VOCs, and can be removed fairly easily. Non-water-based removable VCI coatings that measure up to MIL specs are also available.

The article goes on to explain the extreme humidity (ASTM D 1748) and salt spray (ASTM B 117) testing that VCI coatings undergo to evaluate their performance. VCI transit coatings are available with protection of as much as 7,000+ hours in humidity and 3,500 hours in salt spray chambers. One particular case of testing compared two VCI coatings to a similar non-VCI rust inhibitor. The carbon steel panels dipped in VCI far outperformed the non-VCI coating. The VCI coatings lasted the entire 500 hours of ASTM B 117 salt spray testing, while the non-VCI rust inhibitor failed in 24 hours.

The article concludes that VCI coatings offer more powerful protection, are generally environmentally friendly, and are relatively easy to remove. Their innovative and effective corrosion protection is good for metal parts either in storage or in transit.

To read entire article, please visit:

http://www.cortecvci.com/whats_new/announcements/Protecting-metals-PCI-mag.pdf

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.

