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PRODUCT RELEASE



Cortec® Forever Changes the Anticorrosion Coating Business! EcoShield® 386 is the First Water Based Coating Ever with Salt Spray Resistance of Over 1,000 Hours in ASTM B117 Test!

Never before has a water based coating passed 1,000 hours of salt spray testing. Never before was it thought possible to get so much protection at only 1 mil dry film thickness (DFT). Now, through the cutting edge Nano VpCI® coatings chemistry of Cortec® Laboratories, the first water based coating has been created to withstand a minimum 1,000 hours of intense salt spray at super thin coverage rates!



EcoShield® 386 Water Based Coating Powered by Nano VpCI® is an incredible breakthrough in the water based corrosion inhibitor coatings market. Now it is possible to protect metal structures in extremely harsh outdoor conditions with just a very thin high gloss clear coat of EcoShield® 386 that allows visual inspection of the substrate. The application possibilities around the world are countless, ranging from industrial, to energy, to oil and gas, to automotive uses! It is an outstanding choice where long term

corrosion protection with UV defense is required, especially in harsh marine conditions exposed to extreme salt spray.

The unique acrylic based formula of EcoShield® 386 Water Based Coating Powered by Nano VpCI® uses a complex mixture of nano sized non-toxic organic inhibitors which provide protection superior to traditional corrosion inhibiting coatings. Performance has exceeded even the expectations of Cortec's own ISO 17025 Accredited Lab, where it achieved reproducible corrosion protection results on carbon steel panels according to the ASTM B117 Standard (with minimal creepage from the scribe). As the test proceeded, Cortec's lab was amazed to see the carbon steel panels protected from the corrosive effects of continuous salt spray for days on end with only a 1 mil DFT coating of EcoShield® 386 applied to the metal. This level of performance is unheard of in the water based corrosion inhibitor coatings market, meaning users of EcoShield® 386 can now achieve better protection for their metal substrates than ever thought possible with a water based coating!

Additional features:

- Fast drying and easy to work with
- Low VOC - less than 0.6 pounds per gallon (68 g/l)
- Applicable via spray, dip, or brushing
- Resistant to sagging or running
- Non-flammable protective barrier
- UV resistance discourages cracking or chipping under extended sunlight exposure
- Can be tinted to match custom colors
- Can be used as a DTM coating, or as a topcoat over the appropriate primer
- Cold weather (winterized) version available
- Safer to use, easier to clean up, and more environmentally friendly than hazardous solvent based coatings!



On Left: Traditional Water Based Coating at 1 Mil. At Right: Cortec's EcoShield® 386 Water Based Coating Powered by Nano VpCI®.

EcoShield® 386 Water Based Coating Powered by Nano VpCI® is just one example of how Cortec® is changing the face of the global corrosion inhibitor market. With this revolutionary water based coating, Cortec® is leading the way to safer, more effective corrosion protection for the entire world!

Cortec's EcoShield® 386 Water Based Coating Powered by Nano VpCI® conforms to the following: ASTM B-117 Salt Spray, ASTM D-1748 Humidity, ASTM D-3359 Adhesion, ASTM D-522 Flexibility, ASTM D-532 Gloss, ASTM D-3960 VOC, ASTM D-3363 Pencil Hardness, ASTM D-3363 Pencil Hardness, and NACE RP0487-2000 – Selection of Rust Preventives.



To learn more about EcoShield® 386, please visit:

http://www.cortecvci.com/Publications/PDS/EcoShield_386_Water_Based_Coating.pdf

To find out more about Cortec's innovative coatings solutions, please visit:

<http://corteccoatings.com/>

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Cortec® Corporation is the 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, & ISO 17025 Certified.

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