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**Attention: Editor**  
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**PRESS RELEASE**



## **Achieving Superior Corrosion Protection with Water-Based Coatings for OEMs**

OEMs (original equipment manufacturers) have more than just paint color to consider when choosing a coating for metal parts. In many cases, corrosion protection is also needed to compensate for harsh shipping, storage, or operating conditions components will encounter after coming off the assembly line. Cortec's EcoShield® 386 series gives manufacturers the opportunity to meet these rust preventative needs while achieving a pleasing appearance with water-based coatings at low DFT (dry film thickness).



### **EcoShield® for Mass Produced Parts**

[EcoShield® VpCI®-386](#) is a fast-drying water-based acrylic one coat system that can be applied DTM (direct to metal) for protection in harsh applications. Excellent UV resistance allows it to be used outdoors in direct

sunlight. EcoShield® VpCI®-386 is a great option for dipping thousands of parts for greater efficiency and less paint waste. It can be used to coat

- Semi-truck wheel rims
- Coil stock
- Metal tracks for heavy equipment
- Refrigerator coils
- And much more!



EcoShield® VpCI®-386 can be applied as a thin (1.5-3.0 mils [37.5-75 µm] DFT recommended), barely noticeable clear coat or tinted to match a particular brand or equipment color. In either case, corrosion protection with EcoShield® VpCI®-386 adds a professional, finished appearance to the components.



#### **EcoShield® for Force-Dry Applications**

[EcoShield® 386 FD](#) is a newer version that is a great option for manufacturers working with fast-paced assembly lines where there is not much time for the coating to dry before parts are jumbled together. EcoShield® 386 FD dries quickly in a force-dry environment to reduce sticking of painted parts. With VOCs of only 0.04 lbs/gal (5 g/L), EcoShield® 386 FD qualifies as a zero VOC coating in the US.

It was originally designed for a tube steel manufacturer who applied the coating to hundreds, if not thousands, of pipes at 1.0-1.2 mils (25-30 µm) DFT using a Nordson coater box. The manufacturer ended up being able to reduce the overall amount of coating required while still achieving the desired level of protection on the coated OD (outer diameter) during a year of outdoor storage near the Gulf of Mexico.

#### **EcoShield® for High Temps and Surface Slip**

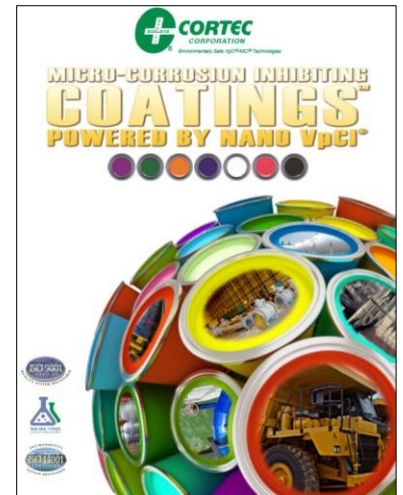
Yet another member of the EcoShield® family is [EcoShield® VpCI®-386 HT Slip Coating](#). This anticorrosion coating was designed to offer high heat resistance up to 500 °F (260 °C) or more depending on color choice. It is thixotropic and resists sagging and running. Another special feature of EcoShield® VpCI®-386 HT Slip Coating is that it improves surface slip, which can be particularly helpful when coating

the inside of pipes or electrical conduits where wires will be threaded through. EcoShield® VpCI®-386 HT Slip Coating is available in clear, black, or aluminum and is a great option for keeping pipe or electrical conduit internals (ID) corrosion-free in extended storage outdoors.

Whether your coating application falls under general manufacturing conditions or requires special force-dry, high temp, or improved slip qualities, Cortec's EcoShield® series is a great place to find outstanding corrosion protection in the form of user-friendly water-based coatings with good aesthetics. Contact Cortec® today to learn more:

<https://www.corteccoatings.com/contact-us-2/>

***Keywords: corrosion protection, water-based coatings, coatings for OEMs, slip coating, high temp coating, coat pipes, rust preventative, Cortec, EcoShield 386, anticorrosion coating***



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