

NEWS ALERT

Cortec® VpCI®-386 Featured in March/April Issue of Concrete Repair Bulletin.

NEW PRODUCTS

REDUCE COSTS WITH HIGH-TECH MICRO-CORROSION-INHIBITING COATING

VpCI®-386 is an organic, water-based acrylic coating that provides superior multi-metal corrosion protection in harsh, outdoor, unsheltered applications, incorporating Cortec® Corporation's unique VpCI technology. Because it can be used as a direct-to-metal coating or as a finish coat, it greatly reduces costs associated with corrosion, making it a far more economical solution than conventional topcoats.

The complex mixture of nontoxic, organic inhibitors offers protection that is more effective than most paints and zinc-rich primers. The product is low-VOC, nonflammable and, therefore, completely safe for applicators and the environment. VpCI-386 is superior to coatings formulated with inorganic pigments because the resistance has been improved by replacing pigments and metal oxides with more effective micro-corrosion inhibitors.

The special combination of additives in VpCI-386 provides a composite polymer barrier that significantly retards the reaction of metal ionization. A protective film is adsorbed onto metal surfaces, and VpCI micro-corrosion

inhibitor molecules form a very thin microlayer that reaches every area of the metal, protecting even hard-to-reach surfaces against micro-corrosion, which is not the case with traditional coatings. VpCI-386 forms a fast-drying thixotropic coating that is resistant to sagging or running off and protects against corrosive electrolytes in most aggressive environments.

VpCI-386 is a clear coating that allows visual inspection of the metal surface after application. It can be easily pigmented with pigment dispersions. The coating is washable, has good chemical resistance, and is UV-resistant, giving optimal outdoor performance without cracking or chipping upon prolonged exposure to sunlight. It is effective over a wide array of substrates; galvanized, carbon, and stainless steels; and cast iron, aluminum, copper, concrete, wood, plaster, and masonry. The product requires minimal surface preparation compared to conventional primers that require sandblasting.

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