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Attention: New Product Editor
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PRODUCT NEWS RELEASE

New Coating System Protects Structures In Coastal and Offshore Gulf of Mexico Areas During Rebuild and Repair

Cortec's Coating Research Chemists have developed a new, high performance coating system for coastal and offshore structures with exposures to harsh marine environments. The new coating system was developed for structures in Southern Louisiana and the Gulf of Mexico that experience extreme weather cycles and hurricanes. Originally designed for use during reconstruction of partially destroyed structures, the high performance coating system offers 2 to 10 times the anti-corrosion capability of conventional paints and coatings.



During the initial reconstruction and repair of a structure, the coating system utilizes a specialized surface prep CorrVerter™ for rusted surfaces that will go back into service. CorrVerter™ modifies surface rust into a hydrophobic passive layer. The product is strategically designed with a high solids water-based latex that has extremely low water vapor permeability. For high humidity and salt atmospheres, CorrVerter™ lays down a strong foundation against corrosive intrusion.

The CorrVerter™ surface prep is followed by an anti-corrosion barrier primer, VpCI™-396. This aromatic, moisture-cure urethane establishes a hard and flexible coating. This high solids coating sets up excellent adhesion for new steel and aluminum substrates and extremely high bonding with CorrVerter™ treated surfaces. The VpCI™-396 primer provides a tough barrier. It allows the flexibility required for metal structures, bridges, tanks, and offshore platforms that have a high coefficient of expansion and contraction that cause ordinary paints and coatings to craze and crack.

The VpCI™-386 topcoat provides a thixotropic, fast drying water-based acrylic. It has been formulated as a special protectant against electrolytes and aggressive marine environments. All three components of the coating system incorporate Cortec® patented VpCI™ technology. These specialized anti-corrosion agents form a self-healing monomolecular barrier within the system to block corrosive attack. After curing, the topcoat is thermally stable from -40°F to +400°F (-40°C to 204°C). It has exceptionally good anti-abrasion qualities making it suitable for steel grating walkways, decks and platforms. The topcoat offers excellent UV resistance and can be tinted as required.

Photos: High-resolution photo of Cortec® High Performance Coatings available for download at:
<http://www.blueleopard.net/cortecdownload/coatings>

Company Description: Cortec® Corporation, a pioneer in environmentally friendly packaging, metalworking, cleaning, water treatment and metal protection technologies, is located in White Bear Lake, Minnesota. ISO 9001-2000 and 14001 Certified, they manufacture over 300 products in five plants located in Minnesota and Wisconsin. Cortec is a global supplier of innovative and environmentally friendly specialty chemicals, plastics and coated papers.

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