

HOT PRODUCT NEWS

INDUSTRY INSIDER

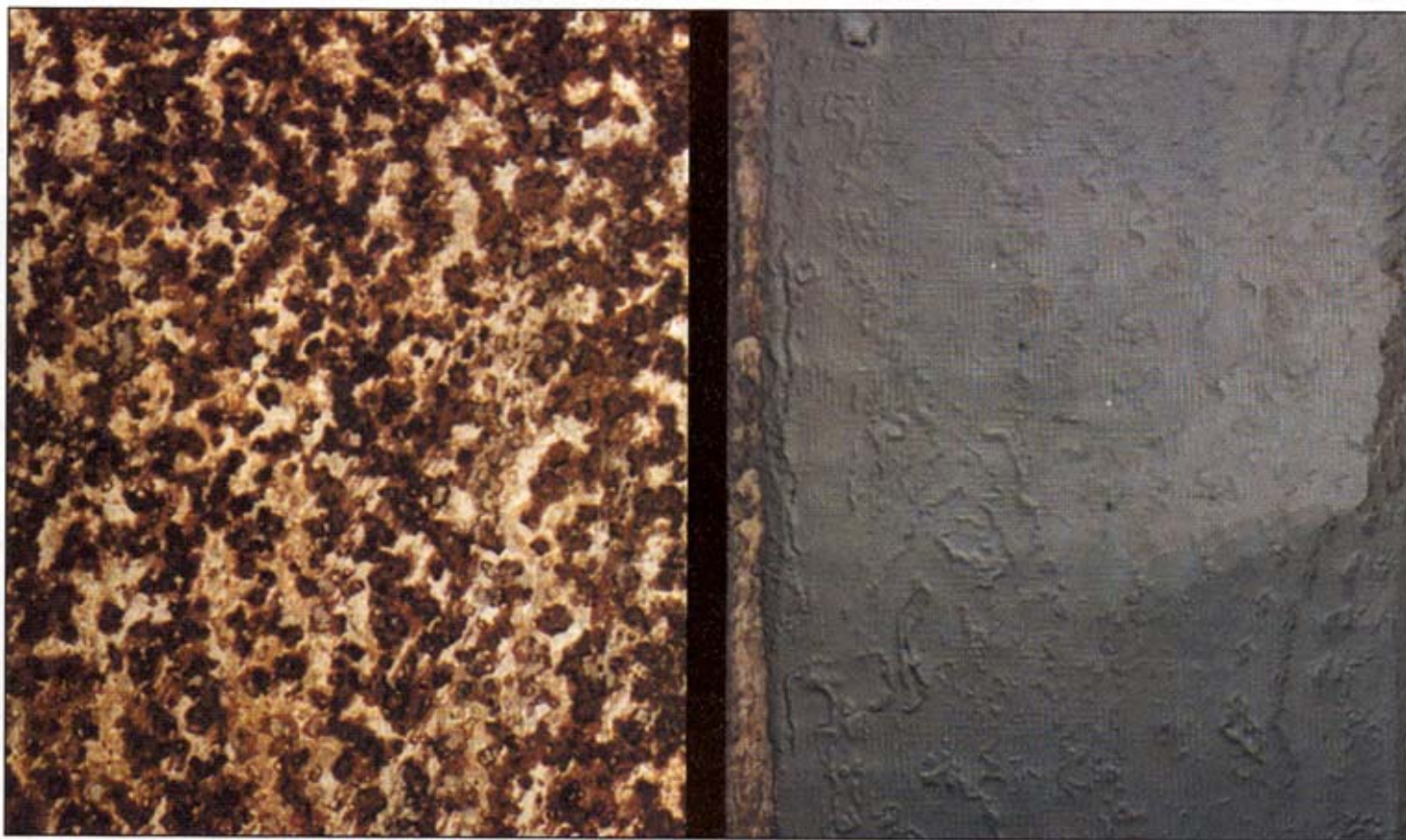


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4 • NEW EQUIPMENT DIGEST

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*News and information gathered
from editorial sources, press
conferences, and industry shows.*



Converts Rust & Preps Metal for Paint

Water-based CorrVerter primer (shown on right) penetrates through old rust and corrosion down to bare metal. As it penetrates through the rust, it primes the metal surface with a high-solids waterborne latex, which can be topcoated with solvent and water-based paints, epoxies, and moisture-cure urethanes. The non-flammable, environmentally friendly formulation can be applied by brush, roller, or spray.

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Attention: New Product Editor

February 19, 2003
NEW PRODUCT RELEASE

Water-base Primer Converts Rust and Preps Metal For Paint

Cortec® CorrVerter® offers an enhanced rust converter and paint primer with an environmentally friendly formulation. It is especially designed for applications where proper surface preparation such as sand blasting is difficult and superior rust protection is needed. It can be applied by conventional brush, roller or spray. CorrVerter® can be topcoated with solvent and water-based paints, epoxies, and moisture-cure urethanes.

CorrVerter® does not utilize oils, solvents, acids or other hazardous chemicals. Its water-based formulation is non-flammable, non-toxic and does not rely on old metal prep chemistry of tannic or phosphoric acids. Its powerful rust stopping capabilities are especially helpful in sensitive environmental and safety areas for industrial maintenance, military equipment, marine structures and ships.

The product employs Cortec's advanced, green chemistry to penetrate through old rust and corrosion down to bare metal. CorrVerter® contains a novel chelating system that modifies the surface rust into a passive, hydrophobic layer and uses Cortec® patented VpCI™ (Vapor phase Corrosion Inhibitor) technology to inhibit further rusting. As CorrVerter® penetrates through rust, it primes the metal surface with a high solids waterborne latex.

Utilizing the triple action of film-forming latex, Cortec® VpCI™, and the chelating system, CorrVerter® establishes a primed surface with very low water vapor permeability. It provides such strong protection against further rust that treated surfaces can be used both indoors and outside in varying conditions with relative humidity as high as 90%. Its high level of corrosion resistance is effective for marine structures exposed to outside weather in coastal salt water conditions.

Photo: Attached photo shows rusted panel and rusted panel treated with Cortec® CorrVerter®
High-resolution photo of Cortec® CorrVerter® available for download at:
<http://www.blueleopard.net/cortecdownload/corrverter>

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 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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