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**Attention: Editor**  
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**PRODUCT RELEASE**



## Cortec® Corporation Helps Contractors Put Rebar Rust to Rest!

Concrete repairs or delays in new construction are complicated by rusty rebar or steel reinforcement that must be cleaned or passivated before the project continues. If not removed or passivated, corrosion will continue to spread, eventually causing concrete to crack and spall. Avoiding this problem often involves long hours of rust removal or costly sandblasting to remove corrosion down to the bare metal.



With CorrVerter® MCI® Rust Primer, Cortec® offers engineers, owners, contractors, DOTs, and other government agencies a convenient, low-labor option when performing repairs on heavily corroded rebar and other metal surfaces. This single component, fast drying, water-based primer is formulated to penetrate and eliminate rust as well as to protect bare metal against further rusting. CorrVerter® MCI®

Rust Primer converts existing rust to a passive layer and can be used alone or with a topcoat for extended protection.



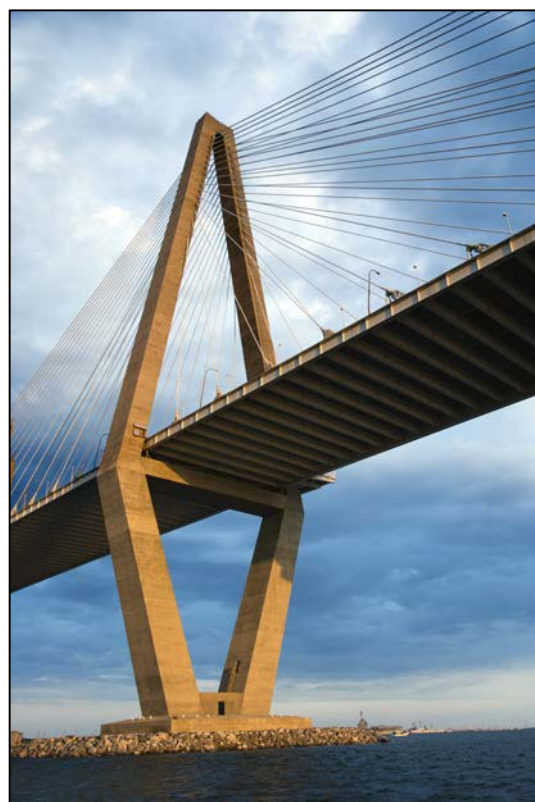
CorrVerter<sup>®</sup> works by combining a unique formulation of chelating agents with a high solids waterborne latex that has extremely low water vapor permeability. The combination of these materials modifies the surface rust into a hydrophobic passive layer, offering a unique water-based primer with excellent protection against re-rusting. CorrVerter<sup>®</sup> is recommended for application to rusty or poorly prepared steel surfaces where further corrosion protection is required, and where good surface

preparation is difficult to achieve. With CorrVerter<sup>®</sup>, surface prep is simplified, only requiring workers to remove loose rust with a wire brush, wash the surface to remove contaminating salt and dust, and then brush CorrVerter<sup>®</sup> onto the dry or damp metal surfaces.

CorrVerter<sup>®</sup> MCI<sup>®</sup> Rust Primer has many excellent advantages for construction applications:

- Converts rust quickly
- Does not negatively affect rebar's adhesion to concrete
- Can be applied under varying weather conditions
- Works in HCl, H<sub>2</sub>S, SO<sub>2</sub>, and CO<sub>2</sub> vapor environments
- Is non-flammable and non-combustible
- Comes in an environmentally friendly, water-based carrier

Unlike conventional tannic and phosphoric acid converters that only work with solvent-based topcoats, CorrVerter<sup>®</sup> MCI<sup>®</sup> Rust Primer can be coated with either solvent- or water-based topcoats, allowing the use of more environmentally friendly



coating systems. Environmental considerations aside, CorrVerter® MCI® Rust Primer also offers better protection against re-rusting than either tannic or phosphoric acid-based rust converters.

Relevant construction specifications on Cortec's recently redesigned data sheets for MCI® products identify CorrVerter's versatility for use in practically every type of concrete:

- Cast in Place Concrete (spec 03 30 00)
- Precast Concrete (spec 03 40 00)
- Mass Concrete (spec 03 70 00)



CorrVerter® MCI® Rust Primer can also be applied directly to unused rebar that has rusted in storage, reclaiming the construction material from loss and helping put rusty rebar problems to rest.

To find out more about Cortec's CorrVerter® MCI® Rust Primer, please visit:

[https://www.cortecvci.com/Publications/PDS/CorrVerter\\_MCI\\_Rust\\_Primer.pdf](https://www.cortecvci.com/Publications/PDS/CorrVerter_MCI_Rust_Primer.pdf)



To find out more about Cortec's innovative MCI® products, please visit:

<https://www.cortecmci.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. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122