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PRESS RELEASE



Prime the Way to Easy Surface Prep with CorrVerter® Rust Converter Primer

Good surface prep is critical to good coatings performance. This is especially true on rusty surfaces. Often the solution is to remove rust by sand or water blasting, but this is not allowed or feasible in every setting. The good news is that CorrVerter® Rust Converter Primer is an amazingly easy alternative for industrial painters facing rusty surface prep.



CorrVerter® eliminates the blast, passivates the rust, and leaves behind a well-primed surface with excellent adhesion.

CorrVerter® is a fast drying, water-based one-coat system (primer) that converts rusted surfaces to a hydrophobic passive layer and prevents further rusting through the unique formulation of chelating agents and PVDC resins. It has extremely low VOC at 0.1 pounds per gallon (12 g/L) and shows excellent

performance in salt spray chamber (ASTM B117) testing conditions. CorrVerter[®] offers 5B adhesion and can be top-coated with practically any coatings system—whether water-based or solvent-based; urethane, epoxy, acrylic, or alkyd.

The scope for CorrVerter[®] use is almost as vast as the industrial settings in which a person can find rusty metal surfaces in need of a new protective coat of paint. From metal doors to stairways, from pipelines to storage tanks, from cranes to salt spreader trucks, from electrical poles to bridges, CorrVerter[®] is ready to prime the way to easy prep and protection of rusty surfaces. It can even be used to prep rusty rebar for concrete repair in the construction industry. The following are some snapshots of where CorrVerter[®] has been used in diverse applications around the world.

Preserving Rusty Powerline Piers in the Mountains

Some rusty powerline piers in the mountains of southeastern Europe required surface prep, but sand and water blasting were not an option because of the location. Instead, CorrVerter[®] was applied after removal of loose rust with a wire brush. Epoxy and enamel coatings were painted over the primer, and the customer was satisfied with CorrVerter[®] as an economical and effective alternative to conventional surface prep.



Medieval Cathedral Restoration



CorrVerter[®] was also chosen as an economical, minimally invasive option for repairs done in 2012 on the Gothic Zagreb Cathedral, constructed in the Middle Ages. During restoration work on the ancient landmark, rust was detected on many of the steel bands surrounding the south tower at 3-meter (10 ft) intervals. A university team was called in to investigate. They performed experiments on the corroded bands in their laboratory and recommended the application of an anti-corrosion protection product along with fortification of the bands in damaged areas. CorrVerter[®] was applied, and the solution was implemented with minimal cost and intrusion as the project specified.

Protection of Rusty Base Bolts at Wind Farm

CorrVerter[®] was also part of a corrosion maintenance plan on a relatively new wind farm in Brazil, where a harsh environment near the ocean was already causing corrosion problems. CorrVerter[®] was selected to passivate any severely rusted areas the maintenance team encountered on the base bolts and base flange faces as they maintained the wind towers one at a time.



There are many more examples of how, when, and where CorrVerter[®] has been used to simplify surface prep on rusty surfaces. Potential applications abound, making it an excellent primer to have in stock for building maintenance crews, offshore layup teams, commercial painters, and even concrete restoration specialists. By applying CorrVerter[®], workers can eliminate blasting while creating an excellent base for a good protective coatings system or successful concrete repair. Learn more about CorrVerter[®] here:

<https://www.cortecoatings.com/product/corrverter-rust-primer/>.

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