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PRESS RELEASE



No Sandblasting Allowed? Try CorrVerter® for Rusty Surface Prep

Sandblasting, water blasting, and labor-intensive grinding are common methods of restoration and surface prep for rusty metal parts or structures. However, these techniques are sometimes prohibited or not preferred for a variety of reasons. To address this need, Cortec® offers an easy but effective surface prep alternative to abrasive blasting or grinding in the form of [CorrVerter®](#) Rust Converter Primer.



CorrVerter® is a fast-drying, water-based one-component primer for rusty surfaces. It contains a unique formulation of chelating agents combined with a high solids waterborne latex that has extremely low water vapor permeability. The combination of these materials converts surface rust into a hydrophobic passive layer, creating a specialty primer with excellent protection against re-rusting of metal surfaces.

How to Apply CorrVerter®



CorrVerter® can be used almost anywhere a tight layer of surface rust is present. Rather than requiring special equipment or labor-intensive abrasion to remove the corrosion, users of CorrVerter® simply need to brush off loose rust before priming right over the surface. Once the surface is primed and passivated, it can be top-coated with either a water-based or solvent-based paint (urethanes, epoxies, acrylics, and alkyds) for further protection and

aesthetics. CorrVerter® should be applied at 5.8-8.7 mils (147-221 μm) WFT (wet film thickness) in order to achieve a DFT (dry film thickness) of 3.0-5.0 mils (75-125 μm). It shows excellent 5B adhesion.

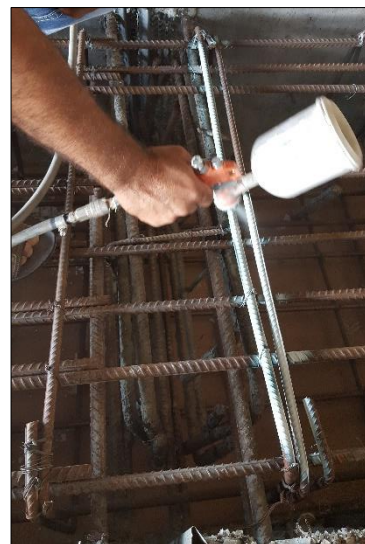
Simple Surface Prep—Plus!

In addition to simplifying surface prep, CorrVerter® has several advantages in and of itself. (1) As a water-based coating, CorrVerter® is considered to be a more environmentally responsible option and is also easier for workers to clean up. (2) It has an extremely low VOC of 0.1 lbs/gallon (12 g/L). (3) As a single-component system, it is much faster and more convenient to use than primers that require the mixing of two parts together.

Examples of CorrVerter® Used Globally

CorrVerter® has countless possible applications and has been used around the world for

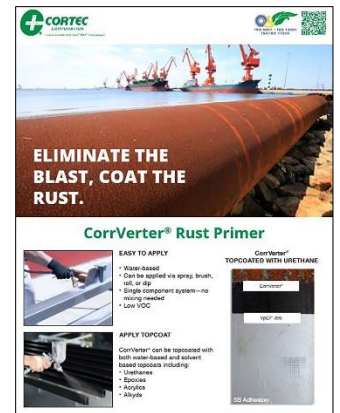
- Restoration of rusty forklift rental equipment
- Restoration of corrosion damaged car rims
- Restoration of 200 corroded electrical piers
- Priming of sunflower oil reservoirs where blasting was prohibited
- Preservation of a steel spiral staircase that would have been damaged by the force of mechanical rust removal
- Passivation of rusty equipment and structural surfaces in oil and gas layup projects
- Surface prep of rusty rebar for concrete repairs
- Restoration/preservation of rusty downhole casing joint pipe exteriors



Make Life Easier for Yourself and Others

For anyone who encounters rusty surfaces on a regular basis, CorrVerter® Rust Converter Primer is an excellent coating to have on hand for easy passivation and surface prep of corroded metals. Maintenance teams, painters, and concrete contractors will find that CorrVerter® opens up the exciting prospect of making life easier in the face of corrosion. Contact Cortec® to learn more about this exciting alternative to blasting for yourself or your clients:

<https://www.cortecoatings.com/contact-us-2/>



Keywords: sandblasting alternatives, CorrVerter, Cortec, rusty surface prep, rust converter primer, concrete repairs, rusty rebar, low VOC coating, environmentally responsible, water-based coating

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