

Rust Converter & Inhibitor



ACR® Rust Converter & Inhibitor was developed and created to dissolve and convert rust into a rust preventative compound. ACR Rust Converter & Inhibitor removes rust from iron, steel, aluminum, copper, and brass. Also removes rust stains from other substrates including; wood, painted surfaces, glass and porcelain.

When reinforcement steel is found exposed within a concrete application, and a TechCrete Limited Labor and Material warranty is to be issued, ACR Rust Converter & Inhibitor is required to be used to protect the reinforcing steel prior to the application of any TechCrete waterproofing products.

KEY BENEFITS

Effective, long term solution to rust and corrosion with a simple and easy application procedure.

TYPICAL APPLICATIONS

- Equipment
- Automotive
- Marine
- Outdoor Metal Fixtures
- Metal Fences, Gates, and Posts
- Brick and Granite
- Bolts & Hardware
- Batteries
- Plumbing

PERFORMANCE CHARACTERISTICS

- Dissolves and converts rust.
- Easy application.
- Non-Toxic.

LIMITATIONS

TechCrete Rust Converter & Inhibitor is not a sealing solution but is used in conjunction with other TechCrete products to enhance the sustainability and longevity of the TechCrete Waterproofing System.

PACKAGING

TechCrete Rust Converter & Inhibitor is supplied in the following sizes;

- 1 gallon bottles (3.8 liters)
- 5 gallon pails (18.92 liters)
- 55 gallon drums (208.2 liters)

APPLICATION

TechCrete warrantied applications require the use of this product and many of the other ACR products. When applying chemical cleaners, contact the Technical Department for a list of approved equipment and cleaning methods.

Other ACR products that may be utilized for surface preparation on warrantied applications;

- ACR Concrete & Masonry Cleaner
- ACR Emulsifying Cleaner
- ACR Paint & Stain Remover
- ACR Concrete & Masonry Etch

Contact the Technical Department for help and directions for which products provide the best option.

Application Method

1. Remove all loose rust and debris from the surface, this may require either manual wire brushing or a grinder with a steel wire brush. Loose rust and debris may cause the product to not adequately cover the entire surface.
2. Using a roller or a standard paint brush, apply a liberal coat of ACR Rust Converter & Inhibitor to the surface, making sure to cover all exposed areas.
3. ACR Rust Converter & Inhibitor will immediately begin working on the existing rust. A creamy color may occur during this process. This will let you know the product is working and converting the rust.
4. Once the conversion process has stopped (3-4 minutes) the residue may be rinsed off. Using either clean water or one of the ACR cleaning products, remove the residue and allow the surface to dry.
5. Once the ACR Rust Converter & Inhibitor is dry, after rinsing, an application of TechCrete Waterproofing Agent may be made or an application of the ACR repair products may be used.

Application Rates

Normal: 1 gallon per 100 square feet on average. Coverage can vary depending on substrate and the amount of rust coverage. Application rates may also vary depending on application method.



JANUARY, 2019

TECHNICAL DATA

SHELF LIFE & STORAGE

Containers should be sealed and kept in a cool, dry location. Avoid prolonged exposure to direct sunlight. If properly maintained this product has a shelf life of one (1) year.

WARRANTY & SYSTEMS

The following warranties require the use of **ACR Rust Converter & Inhibitor**, when exposed steel is present or could be present, and are only available through *TechCrete Certified Applicators*;

- New Construction: TechCrete **DIAMOND**
30-Year Limited Liability Material & Labor Warranty.
- New & Existing Construction: TechCrete **EMERALD**
15-Year Limited Liability Material & Labor Warranty.

The following warranties are available when using **ACR Rust Converter & Inhibitor**;

- New & Existing Construction: **ACR 20-Year Limited Liability Material Warranty.** This warranty requires that the project be registered with Alchemco.

For additional information about the Alchemco system specifications or available warranties, either contact your local Alchemco distributor or Alchemco's Technical Department at info@alchemco.com or call 800-610-2895.

WARNINGS



This product may be harmful if swallowed. Wash hands, face and any exposed skin thoroughly after handling. Keep container tightly closed. Do not eat, drink or smoke when using this product.

IF SWALLOWED: Immediately call a POISON CONTROL CENTER or doctor/physician. Rinse mouth.

See Safety Data Sheet for further details regarding safe use of this product. Alchemco 8590 Sanford Drive, Henrico, VA 23228. 800-610-2895.



WARRANTY DISCLAIMER

Because of conditions of use which may be beyond our control, Alchemco shall not be held responsible in any manner for any personal injury or property loss resulting to the buyer or any other person from handling, storage, or use of this material not in accordance with directions. The buyer and/or user assumes all risk and liability resulting from improper handling or usage. There is no warranty expressed or implied of any kind, except as supplied in writing.

TECHNICAL DATA