

Formulated Specifically for use in the Marine Industry and Coastal Environments

Corroseau® has proven performance for over 25 years as the best performing rust converter and primer available for the the harsh marine industry and coastal environments.

Corroseau® is water based and environmentally friendly. No need to sandblast, grind away or chemically remove existing rust while at sea, on bridges, or in operational factories. Storage, use, cleanup and disposal are convenient when compared to other metal primers and rust removal methods

Converts Existing Rust into an Inert Paintable Compound

Corroseau® is a water based rust converter combined with an unpigmented high quality copolymer latex metal primer. Corroseau® chemically treats the rust (iron oxide), converting it into an inert and stable compound (magnetite) which then acts as a barrier layer against future rusting.

When using Corroseau® you are adding a double layer of protection against future rusting by also priming the new surface with unpigmented high quality copolymer latex metal primer. Then topcoat with additional pigmented paint as desired

Exceptionally Easy to apply, Lasts for Years

Remove all salt, loose rust, mill scale, dirt, grease, oil, old paint and other deposits through use of a solvent cleaner, and a high pressure power wash.

Use Corroseau undiluted, all tools and accessories easily clean up with water

Brush, roll or spray undiluted Corroseau® in a heavy white coat with no surface show through at 8-10 mils wet film thickness. When black color appears, rust conversion has started. Wait at least 24 hours before top coating. A second coat of Corroseau® may be applied while first coat is still tacky. Apply all topcoats according to manufacturer's specifications.



A rusted, weathered, and unattractive storage tank.



The same storage tank after an application of Corroseau



The same storage tank after an application of Corroseau

Comparing Corroseau® as a Rust Converter to Rust Encapsulators or Acid Treatments

A **rust converter** (Corroseau®) chemically treats the rust, converting it into an inert compound which then acts as a barrier layer against future rusting. When using a rust converter like Corroseau®, you are adding a double layer of protection against future rusting before you even topcoat.

Rust encapsulators & inhibitors encase existing surface rust, cutting off the oxygen supply that keeps that rust from growing. However, the existing rust is still there lurking under the encapsulating film, ready to continue growing upon any surface damage to the paint film or film failure.

Acids used for treating rust are by nature corrosive, and any unreacted acid residue will remain on the surface. This residue frequently interferes with the proper bonding of topcoats and can cause accelerated chalking. Acids, such as phosphoric acid, do work well to remove rust stains from painted surfaces, but are not as effective as rust converters on a rusted surface.

What is the Science behind Corroseau®?

Corroseau® converter chemistry is a proprietary technology based on a copolymer created from styrene butadiene (latex) chemistry

- (1) very mild acids that arrest rusting and convert existing rust to other compounds combined with
- (2) an unpigmented, improved metal primer that bonds with both the converted rust and with applied topcoats.