



RUST CONVERTER



Rust Converter is a single component water based active chemical (liquid) which reacts with the adherent rust on the metal surface and forms a stable protective film. This film prevents further rusting of steel.

Rust converters are water-based primers which contain two active ingredients: tannic acid and an organic polymer. Tannic acid reacts with iron oxide (rust) and chemically converts it to iron tannate, a dark-colored stable material. Tannins are a group of water- and alcohol soluble natural products extracted from fruits, trees and grasses. The second active ingredient, 2-Butoxyethanol, is an organic polymer that provides a protective primer layer. The overall chemical reaction converts rust into a stable black protective polymeric coating that serves as an excellent primer for both oil and epoxy based paints.

TECHNICAL DATA

Appearance : Blackish Brown hazy coloured Liquid
Coverage : 80 to 100 sq.ft/Kg
Shelf Life : 12 to 18 months+

APPLICATION PROCEDURE

- First remove the loose rust from the desired surface by a wire brush/emery paper.
- Then apply **RUST CONVERTER** Solution by brush /spray
- Allow it to react with the surface for around two hours.
- The surface turns black on reacting with the chemical
- Converts rust into a stable black protective polymeric coating

APPLICATIONS

A rust converter can be used on any rusty iron or steel object. It can be used on vehicles, trailers, fences and gates, iron railings and staircases, sheet metal, cast iron, outsides of tanks, lawn equipment, mower decks, farm equipment and tractors to name just a few. It will not work on aluminum, copper, stainless steel or galvanized metal. As a general rule, a rust converter is a good solution to fixing rust on items you would consider painting.

Good surface preparation will enable a rust converter to work effectively and leads to a high quality end result. Remove large rust and scale particles with a stiff bristled brush, hammer or sandpaper. This step provides a stable surface by removing any loose or flaking rust. The point is not to remove all the rust. This defeats the purpose of a rust converter. The rust converter chemically bonds to the rust and seals it in. A rust converter cannot penetrate grease or oil, so clean and degrease the surface first, then let it dry to ensure that other surface other surface contaminants will not interfere with the reaction of the rust converter on the rusted surface. If the surface is subject to salt-water spray for deicing salts, rinse the surface thoroughly with water and allow it to dry prior to applying a rust converter.

ADVANTAGES

- Forms a long lasting protective film on the metal surface
- Penetrates through all the rust layers.
- Stabilizes and binds the rust layers into a 100% protective neutral coat.
- Easily applicable by brush/spray
- Non-toxic/ No obnoxious odour/Non Hazardous
- Non irritant to skin
- Acts as a primer prior to painting on rusted surfaces

USES

- Corroded Reinforcement bars,
- Shipbuilding Structures
- Factory structures, Storage tanks, Heavy machinery and Engineering equipment
- Steel frames, Cranes, Pipe lines, Oil Refinery
- Steel Structures and various other uses, for all rusted surfaces prior to painting or repainting

PACKING : 5 Kgs, 25 Kgs, 50 Kgs

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