



MADE
 IN
 GERMANY
Technical Information



Rust Converter

Available container sizes, order number, and SKU

| | | |
|--------------|-------|--------|
| 1.01 fl. oz. | 20020 | PU: 24 |
| 8.5 fl. Oz. | 22220 | PU: 18 |
| 1.1 qt. | 22620 | PU: 6 |
| 1.32 Gal. | 22820 | PU: 4 |



Description and properties

FERTAN Rust Converter is a product which pulverizes rust and leaves a layer of "burnished" metal on the underlying surface. Unlike many other products, FERTAN does not cover the rust, but dissolves it chemically. It does not leave an acidic surface and does not convert the rust into a dry film. FERTAN breaks down the rust into an inert powder and dissolves it from the affected metal. It exposes the bare metal and forms a new protective film of an iron-tannin compound on this now rust-free surface, which is recognizable by its color depending on the carbon content of the metal and protects against new corrosion.

FERTAN Rust Converter has a double effect: the existing rust is decomposed until the product has bonded with the underlying non-corroded metal. It then forms a very compact layer of iron and tannin on the surface. This layer is insoluble in water and forms a perfect base for subsequent coatings. (Primers, rust preventives, waxes, etc.) It can be used on lightly rusted, heavily rusted and bare metal. Since it is a water-based product, it penetrates even the smallest joints, overlaps and even under cracked paint. It can be applied to dry and wet areas. It is not harmful to plastic, plastic, rubber, chrome, glass and homogeneously painted surfaces. FERTAN becomes active only when it encounters rust or metal. Surfaces such as concrete, interlocking stones and old layers of paint should be protected, otherwise discoloration of the surface may occur. The protective effect of the FERTAN rust converter lasts for years, provided that there is a covering product, such as varnish, wax, etc., on the surface. FERTAN rust converter can be used outdoors in almost any weather, except frost.

Application and usage instructions

Remove the scale or surface rust with a brush, a water jet, or other aids such as light sandblasting, and remove all separating substances such as oil, grease, silicone, etc., from the surface. Then apply FERTAN with a brush, roller, sponge, or spray gun. Depending on the type of application and the roughness of the surface, one Gal. of FERTAN rust converter is sufficient for an area of approx. 600 sq. ft.. FERTAN rust converter works excellently in a humid environment, i.e., even in light rain or the presence of condensation.

In very dry conditions, care should be taken to keep the product moist (foggy). If necessary, the treated surface should be slightly moistened by water spray, for example. The reaction time depends on the air humidity and the ambient temperature. Because it varies a lot, it is recommended that the product be left to react for up to 48 hours. After this time, check whether the rust has changed into a black, compact layer. The metal treated in this way can be left for several weeks, even up to 6 months, without any additional protective layer. No new rust or corrosion can form. Before each post-treatment, the surface must always be cleaned thoroughly with water to wash off the loose, black dust that would have developed as a result of the conversion. To avoid darkening the skin, for all applications, always ensure that the user wears gloves, which can be rubber or plastic, for example. Clothing must also be protected from splashes by using a suitable protective suit. The application should also consider that draining product or rinsing water can lead to discoloration on composite blocks, concrete substrates, and so forth, which is why it is advisable to lay a (plastic) film beneath it. If the product nevertheless gets onto open-pored surfaces that are not to be treated, these must be cleaned immediately with water.

FERTAN LLC



Advantages:

- Very economical to use
- Even poorly accessible areas can be reached
- Uncomplicated application
- Easy after-treatment with filler and primer
- Prevents rust on bare metal
- Surfaces correspond to min SA 2.5 or better

Technical data

Basis: aqueous solution

Density: 1.18 g/cm³

Danger and safety information

Please observe the printed safety and hazard information before use. You can request the safety data sheet directly from us.

IMPORTANT!

FERTAN Rust Converter is a product of FERTAN LLC, and its general terms and conditions apply exclusively.

The latter does not assume any guarantee for product properties, which are to be checked by each user according to his requirements. Information not contained in this data sheet must not induce the user to use the product for particular purposes.

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