



Technical Data Sheet

PC: 5000

Protex Rust Remover - 102

Rust removing material for clean & phosphate rust

FEATURES

- Cleaning rusted iron metal, oil remove from surface
- Create rust free surface prior to painting / coating
- Can be use as a eaching agent for gavelnise surface
- Convert the inner rusted in to protective oxide by chemical reaction

Uses

A better option when send blasting is not possible, small articles surface preperation, oil / grease removing, tipical areas where wire brush or scrub papers are an able to reach, spark free working area, plant structure, platforms, coils, gear box etc..

PROTEX – 102 A Unique Rust Remover Chemical

PROTEX - 102 is a unique clear solution. It acts as a combined Rust Remover cum phosphates agent, it is chemical treatment with metal means not remove the metal but phosphate the rust of metal.

PROTEX - 102 is effectively useful for rust or rust-free or slightly damp iron and steel surface, prior to painting and similar anti-corrosive treatments. It can be applied over intact paint-work and on slightly damp metal or in humid conditions. It is also suitable for reinforce bars. PROTEX - 102 works as wash/etch primer for iron and steel surface.

OPERATING PROCEDURE

Clean thoroughly any loose flakes of mill-scale, rust, blistered paint or dirt, preferably with wire-brush/sand-paper/water-jet, however, also rub-down to bare metal or to remove rust/sound paint/moisture.

Apply PROTEX - 102 by hard brush or spray gun. Small articles are even be dipped. No addition or dilution is required. However, Preferable second or more coats are necessary for heavy rusted/scaled surfaces, remove excess scale and rust by any suitable available methods like using scrapper, wire-brush, etc, and wet/moistened the surface by water-jet before application of a PROTEX - 102 (This will reduce the consumption of CREATIVE PROTEX - 102)

You will notices the change in colour to something between gray to black, depending upon the rust present. The surface will normally become touch-dry within 15/20-minutes.

After application of rust remover, wait for 10 minutes @ temp. 30 c for chemical reaction, some white spots are created on iron surface, now it is the start rubbing with sand paper 60 – 80 no or wire brush – grinder by this method remove all white spot & lose particles. Clean it with protex thinner – 400, Painting with any desired decorative and/or protective paints. Including enamels, lacquers, zinc chromate metallic/aluminium, polyester, alkyds, cellulose, epoxy, chlorinated rubber, polyurethane, phenolic, bituminous, etc,

Why PROTEX 102 (benefits)

Protex 102 react with rust not with metal, special types of additives & corrosion inhibitors are added during formulation,

Property of metal is not damage during application

- **No pine holes ocher**
- **Property of steel remain same**
- **Penetrate in rust up to depth**
- **Easily removable**
- **Oil free surface**

IMPORTANT

The coverage depends on the number of factors, but approximately about 15 - 25 sq. mt. Per kg. However, may increase or decrease depend upon various factors, including condition of the surface to be treated method of application, number of coats applied, etc.

Should clean of PROTEX - 102 is required or washing of spray-gun or brush, Special thinner (PROTEX - 400) will be supplied on your request.

When stored in cool dark condition, unopened container of PROTEX – 102 may be kept for 1 year However, it is advisable to turnover stock on first-in, first-out basis.

PROTEX - 102 contains flammable solvents and so it must stored in fire-proof atmosphere, away from red-hot surface, open flames and in well ventilated area.

All protective cloth including face-mask, respirators, eye-protector, hard-gloves, etc. must be wear by when handling/using PROTEX – 102

The product, PROTEX - 102 contain acids so take every precaution handling acids, please refer our MSDS before use.

NOTE:

No liability is accepted for any accidents or damages arising in handling or use of this product PROTEX - 102 under any circumstances.

All technical data's in this bulletin are based on the test results and are believed to be correct, However since the end use of this product, PROTEX - 102 (and the manner of storing, handling, application, etc,) are beyond our control, we make no warranty express or implied as to the fitness of use. Results to be obtained from or affects use with respect to those materials. Their use shall be solely by the judgment of and at the risk of the users not withstanding any statement contained in this bulletin.

All information is without engagement.

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