

Technical Information Sheet

RUSTOFIX 1411

(Rust Converter , Rust Preventive & Metal Primer Solution)

SCOPE: RUSTOFIX 1411 is one of the novel innovation incorporating the latest technology in the field of corrosion prevention & protection of metals against atmospheric oxidation and rust formation and can be used as a primer for rusted MILD STEEL Fabrications and surfaces.

RUSTOFIX 1411 is most ideally suited for the pretreatment of rusted ferrous components. RUSTOFIX 1411 treatment requires very little surface preparation, it is very easy to work with and it is non-toxic. The Rust converted surface can then be painted or Lacquered. RUSTOFIX 1411 reacts with the loose and adherent rust on the metal surface and converts the rust into a very inert & adherent organo-metallic coating with the help of formula incorporated Chelating (Complexing) Agents and additives. The treated surface touch dries in 15 minutes and hard dries in 24 hours. A second Coat is recommended (Wet on Wet) after 30 min to 60 Min from the first coat.

Method of Application: RUSTOFIX 1411 can be used on rusted as well as clean metal surfaces. Due to the formation of inert coating, further rusting is totally stopped. The Bluish / Brownish Black Feroxo-Ferric oxide Complex coating formed on the coated surface acts as an Excellent PRIMER / Rust Preventive. This can be subsequently painted to impart additional rust protection.

Technical data: RUSTOFIX 1411 is an inert emulsified solution, incorporating Modified Acrylic Co-polymeric emulsions, oxygen scavengers, sequestering chemicals, solvents, stabilizers & oxidants.

Color	: White to off Light brownish coloured solution
Suspended matter	: Present
Specific Gravity	: 1.03- +0.02
PH	: almost neutral
Method of use	: Brush / Dip or Spray (under Very low Pressure)
Diluent	: NO DILUTION RECOMMENDED
Shelf Life	: 8 to 12 months from the date of Supply.

Method of Use : Remove the loose rust & scales by means of a wire brush & wipe the surface with a dry cloth. Apply RUSTOFIX 1411 liberally on the cleaned and surface by **brushing** (as supplied) , **swabbing** (As supplied) , **Spraying** (50 % Solution) & **Dipping** (as supplied). Allow the solvents to dry. The surface will become touch dry within 15-30 minutes. Further Coating may be done if necessary after 24 hours. After drying the surface becomes bluish black. After the surface is completely dried, wipe with a dry cloth to remove loose particles. Apply any suitable paint on the substrate.

ADVANTAGES : RUSTOFIX 1411 is very easy to handle, entire pre-cleaning cost is reduced, needs unskilled labor & process very economical. Coating offers ultimate corrosion prevention.

APPLICATIONS / USES of RUSTOFIX 1411 : RUSTOFIX 1411 can be used on :

- Mild steel sheets & fabricated WIP steel components,
- Tank Farms fabrication, Silos, Water & Chemicals Storage Tanks of MS
- Chimneys, heavy Machinery structures, trusses, Bridges, Girdles,
- Irrigation, Underground & Over-ground water Pipe Lines,
- Electric & Transmission towers, Sub-Stations, Transformers & Power Plants,
- Irrigation & Dam structures of Fabricated Steel,
- Pre-Fabricated Steel Buildings / Steel Plants / Heavy Steel Fabrications
- Mild Steel Pipes, Tubes, Angles, Channels, Sheet Metal
- Steel Bars / Angles, Channels used in Industry & Building construction
- Off-shore construction, Ship Building, Chemical & Petrochemical Plants etc.

PRECAUTIONS : RUSTOFIX 1411 contains Acrylic Co-Polymer Emulsions and should be handled using rubber hand-gloves/Face-shield. Flush any affected area of the body with plenty of free flowing water. RUSTOFIX 1411 is roHS Compliant & in Non-Flammable.

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