



PolyRustOff

Chloride / Sulphate Free Liquid Rust Remover

DESCRIPTION

PolyRustOff is chloride and sulphate free liquid rust remover. It effectively removes rust from steel surfaces. Preferably, PolyRustOff is applied before application of any protecting coating.

TECHNICAL DATA

Colour	Light Pink	Nature	Acidic
Theoretical Coverage	0.12 – 0.15 kg/m ²	Specific Gravity	1.18 ± 0.02

***Depending upon surface condition.**

APPLICATIONS

- Steel structures
- Tanks
- Water pipelines
- Shuttering plates
- Other steel surfaces

ADVANTAGES

- Contains corrosive, being free from any chloride component
- Effective rust remover, even removes from areas difficult to reach
- Excellent for equipment and structural rust removal
- Economical, cost effective and easy to use / apply

APPLICATION METHODOLOGY

- Remove dust, flakes or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before proceeding application
- Remove majority of rust scales from surface of rusting steel structure / reinforcement by wire brush, chipping or grinding



- Thoroughly dust down the surfaces
- Ensure that the substrate temperature is in the range of 5 – 40 °C
- Apply PolyRustOff on affected surface by using cotton waste swab or by brush
- Leave the surface coated with PolyRustOff for at least 15 – 30 minutes
- Rusty surface will change its colour to original blackish steel
- Then remove the loose rust particles by scrubbing or simple dusting with brush
- Still if any rust remains on surface of steel, apply second coat of PolyRustOff on bone dry first coat. When applied over corroded reinforcement steel, wash the surface with clean water, before taking up further works of repairs
- PolyRustOff is acidic in nature, when applied to clean rusted rebars. Ensure that traces of acid are removed completely with water jet before applying coatings or primers
- Do not apply PolyRustOff to clean rusted rebars in critical RCC structures.

HEALTH AND SAFETY

- Use mask, nose cover and hand gloves during application
- Ensure adequate ventilation and avoid inhalation of vapours
- Clean hands with soap after application
- Avoid contact with skin / eye. In case of unlikely contact with skin / eyes, rinse immediately with plenty of clean water, then clean with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

PACKAGING

Available in 1 kg container.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

SHELF LIFE

If stored in original unopened sealed under the above conditions, it has a shelf life of 12 months.