

ShaliRustOff®



Chloride / Sulphate Free Liquid Rust Remover

STP Limited

Description

ShaliRustOff® is chloride and sulphate free liquid rust remover. It effectively removes rust from steel surfaces. Preferably, **ShaliRustOff®** is applied before application of any protective coating.

Characteristics

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

*Depending upon surface condition.

Application

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

Advantages

- Simple, economical, cost effective and easy to apply.
- Contains no corrosive salts, being free from any chloride component.
- Effective rust remover, even removes from areas difficult to reach.
- Excellent for equipment and structural rust removal.

Application Methodology

➤ Surface Preparation

- 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 application.
- Thoroughly dust down the surfaces.
- Remove majority of rust scales from surface of rusting steel structure / reinforcement by wire brush, chipping or grinding.
- Ensure that the substrate temperature is in the range of 5°C - 40°C.

➤ Material Preparation

- Stir **ShaliRustOff®** by a slow speed mixture fitted with a suitable mixing paddle to ensure a homogenous mix.
- After stirring, wait for the product to settle in order to let entrapped air escape.

➤ Application of Material

- Apply **ShaliRustOff®** on affected surface by using cotton waste swab or by brush.
- Leave the surface coated with **ShaliRustOff®** for at least 15 to 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 **ShaliRustOff®** on bone dry first coat.
- When applied over corroded reinforcement steel, wash the surface with clean water before taking up further works of repairs.
- **ShaliRustOff®** 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 **ShaliRustOff®** to clean rusted rebars in critical RCC structures.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

Packing

Available in 1 kg and 5 kg container.

Storage

Store in a cool dry place under shed away from heat.

Shelf Life

12 months in original unopened sealed condition.



STP Limited
Enhancing Structures' Life

Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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