

ShaliRustOff - A

Alkaline Rust Converting Primer



STP Limited

Description

ShaliRustOff - A is an alkaline liquid rust converter. It's effectively converts rust on steel surfaces. Preferably, **ShaliRustOff - A** is applied before application of any protective coating.

Characteristics

Specific Gravity	1.06	Nature	Alkaline
Theoretical Coverage*, kg / m ²	0.13 to 0.15	Colour	Brownish
% Solid Content	29.41	pH	11.88
Viscosity, cps	50.8		

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

➤ Application of Material

- Apply **ShaliRustOff - A** on affected surface by using cotton waste swab or by brush.
- Leave the surface coated with **ShaliRustOff - A** 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 - A** on bone dry first coat.
- Do not apply **ShaliRustOff - A** 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 containers.

Storage

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

Shelf Life

12 months in original unopened 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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