



HIND RUST CLEAN

PRODUCT DATA SHEET

LIQUID RUST REMOVER FOR STEEL REINFORCEMENT AND STEEL SURFACES

DESCRIPTION

Hind Rust Clean is a unique formulation in liquid form for removing of rust from steel surfaces. It is chloride free and on its application it forms a passive layer on the steel surface and prevent further rusting of the steel structure.

USES

- Used for removal of cement mortar over tile & marble fixed on floors & walls.
- Used for removal of rust from corroded steel and prevents further rusting.
- Over rusted reinforcements for repairing of distressed RCC structure.
- Protection of reinforcements in concrete having inadequate cover or concrete with thin section.
- Cleaning of New/Old steel reinforcement, and other steel sections used in construction.
- Maintenance and cleaning of steel structures like water tank, water pipelines, steel super structure, steel shuttering plate and any type of steel surface which has corroded due to weathering action.
- Used for removal of old set concrete from Truck mounted Transit Mixer used by RMC Plants & Construction sites for transportation of Concrete.

ADVANTAGES

- Easy application by brush or spray gun.
- Single component, ready to use.
- To remove rust from the most affected steel reinforcement section in concrete.
- Chloride free and prevents further corrosion.
- It is cost effective due to high coverage.

APPLICATION

Before application the steel surface to be vigorously cleaned by wire brush, chipping or grinding so that it becomes free from any rust scale. Over the cleaned dry surface. **Hind Rust Clean** is to be applied by cotton waste or brush. After application, the coated surface to be left as it is for 15-30 minutes. The reddish colour of the rusted steel surface will change to the original blackish colour of the steel. The loose particles is to be removed by scrubbing or brushing. Finally the steel surface is to be water jetted to remove all acidic residue on the surface and cleaned with cotton cloth.

PROPERTIES

Aspect	Transparent Liquid
pH	Acidic
Specific gravity	1.19 ± 0.02 at 27 ⁰ C.
Coverage	3-6 Sq. Mtr/Kg in two(2) coats. (This depends on the diameter of the rod) 0.120-0.160Kg/Sq. Mtr per coat depending on the quantum of corrosion and the nature of the substrate.

SHELF LIFE

Best before 12 months from the date of manufacture in unopened container. The material should be stored under shed and away from direct sunlight at room temperature ranging between 5⁰ C (Min.) and 45⁰ C (Max.)

PACKING

100 gm, 500gm, 1 Kg, 5 Kg & 20 Kg or as required.

HANDLING PRECAUTIONS

Hind Rust Clean is non-toxic and ingestion must be avoided. Any splashes on skin happens, wash with water. If contact with eyes occurs, immediately wash with water and seek medical advice.

Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

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