

RAPID-RC90

Product Technical Data Sheet

Rust Converter

Rapid-RC90 is a special formulated rust converter which reach react with rust formed from the oxidation of steel and iron into a paintable anti-corrosion layer and preventing further corrosion. When dry, the dark grey coating acts as an effective primer for coloured top-coat application. Rust Converter is fast acting; results visible in few minutes. Rust conversion at room temperature is slow. Rust Converter will cure to a dry, dark grey finish – time dependent on application and rust.

Uses

For industrial applications such as machines, agricultural machinery, container manufacture, steel structures and automotive maintenance / repair.

Features

- ❖ Excellent conversion,
- ❖ Excellent adhesion,
- ❖ Good mechanical Strength
- ❖ Excellent abrasion Strength

Application Procedure

Surface Preparation: Remove the excess dust, soil or rust with a stiff, bristled brush. Clean the oil and grease.

Stir or mix product before use. Stir frequently during application. Use only with adequate ventilation.

Apply the **Rapid-RC90** with a brush or roller. Rust conversion time is 10-15 minutes and second ensure the proper conversion. Leave for 24 hours before over-painting.

Rust Converter acts in following ways: -

- ❖ Inactivates existing rust: the unstable ferric hydroxide, formed at the start of the corrosion process of iron, is transformed into an inert complex, halting the corrosion process immediately.
- ❖ Formation of a passivating protective coating: the formed complexes combine with the unique resin in Rust Converter creating a non-permeable coating, providing anti-corrosion protection.
- ❖ Function as a primer: the cured dark grey, protective coating has an ideal structure and composition to act as a primer for future cosmetic over-painting.

Technical Data

S. No.	Appearance	Greenish Liquid/Colourless Liquid
1.	Odour	Odourless
2.	Density	1.2-1.4 g/cm ³
3.	pH	3 ± 1
4.	Flash Point	None
5.	Rust Conversion Time	15-30 Minutes
6.	Coverage	5-7 sqmtr/ Ltr
7.	Chloride Content (%)	Nil

Shelf Life

The shelf-Life of product is 36 months if stored in unopened containers, under Shade and at normal ambient temperature.

Storage

Store in a cool place and protect from direct sunlight /Extremes of heat.

Packing

The product is available in 500 Grams, 1 Kgs, 5 kgs and 20 Kgs Packing.

Health & Safety

Acidic in Nature, use gloves, Safety Googles, non-toxic, non- Flammable.

Product Information

Although the basic formulation of our products generally remains unchanged production refinements arising from continuing research and evolution program may occasionally result in marginal changes in properties.

FIRST AID!

- ❖ Eyes and skin: Flush eyes with water for 15 minutes. Contact a physician if irritation persists.
- ❖ Wash skin thoroughly with soap and water. Remove and wash contaminated clothing before reuse.
- ❖ Inhalation: Remove subject to fresh air.
- ❖ Swallowing: Dilute by giving water to drink and contact a physician promptly.

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- ❖ Never give anything to drink to an unconscious person.

Note: - Keep out of reach of children for professional and industrial use only.

Products Range of CEMEK

- ❖ Alkali Free Accelerator for wet Shotcrete in Liquid form
- ❖ Alkali Free Accelerator for Dry Shotcrete in powder form.
- ❖ Modified Sodium Silicate based accelerator for Shotcrete.
- ❖ Integral Water Proofing Compound.
- ❖ Crystalline Water Proofing Compound.
- ❖ Heat Resistance Coatings/Paints with application
- ❖ Cement, Micro Fine Cement, Epoxy, PU and Colloidal Silica based grouts with application.
- ❖ Wax Based, Resin Based and Resin Based Aluminized Concrete Curing Compound.
- ❖ Ready to use High Strength, Rapid Set, Non-Shrink, Self-Levelling, Crack Repair, Heavy Duty Machine Installation product.

Services

- ❖ Water Proofing (Epoxy, PU, Acrylic, SBR etc.)
- ❖ Dry & Wet Shotcrete
- ❖ Crack Repairing
- ❖ PU, Epoxy, Polyester Grouting (Tunnelling & Mining & Structures)

House, Industrial & Institutional Cleaners

- ❖ Steeliness Steel Cleaner
- ❖ Degrease & Oil Removers
- ❖ Paint & Coating Striping Agents
- ❖ Concrete Removing Agents
- ❖ Tar Removing form car body
- ❖ Rust Removing Agent
- ❖ Rust Converter

Ref.: - CEMEK/RR/18/001
Rev.: -Nil

Date: -01/01/2018
Date: Nil

CEMEK (I) PRIVATE LIMITED

(An ISO 9001:2015 Certified Company)

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