

Rust Remover

Product Description

Type: An aqueous solution of surfactants and organic acids in water

Uses: For safe and effective removal of rust from ferrous metal objects.

Substrates: Galvanised Iron, Wrought Iron, Mild Steel railings, piping, gates and structures.

Advantages: Good penetration, passivation of the surface and de-greasing properties. No need to apply etch primer

Conditions during application; The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight).

PRODUCT DATA:

Colour Range: Green Liquid

Pack Sizes: ½L, 1 Litre and 5Litres

Finish: Matt

Thinner & equipment cleaner: Water

Dilution Ratio: Supplied ready for use but may be diluted with water as directed below. Shake well before use.

Application: *Diluted Rust Remover:* Shake the container well and pour the required amount into a plastic container. Dilute 1-part Crown Rust Remover with 9 parts water by volume and mix thoroughly. Immerse the rusty item in the solution overnight. Remove and rinse thoroughly under running water using a wire brush to remove any residual rust. If the rust has not been completely removed repeat procedure and leave for 24 hours. Leave to dry and overcoat with a suitable finish. For heavy or stubborn rust deposits, use Crown Rust Remover without dilution

Undiluted Rust Remover: Shake the container well and pour the required amount into a plastic container. Immerse the rusty item for about 15 – 30 minutes. For large items, apply a liberal coating with an old paint brush to all affected areas working the solution well into the metal surface. Allow the solution to react with the metal for 20 - 30 min

Rinse in clean fresh water, abrade with coarse abrasive paper and dry with a clean cloth. Leave to dry and overcoat with a suitable finish

NOTE: Do not return any surplus Crown Rust Remover after use.

TECHNICAL DATA SHEET



Drying Times: Dip overnight or leave applied item for 20 – 30 minutes

APPLICATION DATA:

The product can be applied by: Brush or Dipping

Spreading Capacity per coat: Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

10 - 20 m²/l

DIRECTIONS FOR USE

Surface preparation & Paint System:

Surface	Preparation	1 st coat	2 nd coat
Rusted metal	Use a wire brush or coarse abrasive paper to remove loose rust. Remove oil and grease contamination using Crown White Spirit.	1 coat Crown Rust Remover	Only if 1 st coat has not been effective. 1 coat Crown Rust Remover

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Disclaimer: The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control. Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice. It is the responsibility of the user to ensure that the latest TDS is being used for reference.



Toxic/Harmful



Harmful/Irritant



Dangerous for the Environment

For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)