



Rust Converter

Samson Rust Converter is an anti-corrosive polymer based waterborne preparatory product for use on rusted mild steel.

Colour: Creamy White – converts to blue-black

PRODUCT USES

- Corrosion protection to rusted surfaces eliminating need for intensive surface preparation.
- Burglar Bars, fencing, structural steel.
- Area where it is impractical or impossible to remove rust completely.

ADVANTAGES

- Corrosion resistant – effectively stops further corrosion.
- Water insoluble after curing.
- Superior adhesion – converts to a firmly adherent bluish-black film.
- Easy application
- Can be over coated with water based and solvent paints.

THEORETICAL SPREAD RATE

- 12-14m² per litre per coat
- With a recommended DFT of 50 microns per coat.
- This is a guide only and the practical spread rate depends on substrate porosity and profile as well as technique and tools used

SURFACE PREPARATION

- Remove all loose rust using wire brush
- Remove oil, grease and other contaminants using suitable degreaser and rinse thoroughly with clean water.
- In coastal areas ensure surface rinsed thoroughly to remove salt deposits before application.

APPLICATION

- Apply in undiluted wet coats using brush or roller to ensure maximum penetration into remaining rust.
- Only decant what is required for application in order to prevent brush residue contamination of unused product.
- Conversion of rust will occur within 2-4 hours of application.
- Overcoat with Samson Metal Etch Primer and then Samson Roof Coat or any alkyd paint system.

IMPORTANT

- Do not apply if rain is expected.
- Samson Rust Converter is to be applied at temperatures between 10°C and 40°C.
- Do not apply emulsions directly to Samson Rust Converter.
- Not for use on galvanized iron substrates or surfaces with temperatures exceeding 60°C
- Do not put used product back into the container, this will result in product gelling.
- Ensure container sealed tightly to avoid product going hard.

SAFETY PRECAUTIONS

- Handle with care as product is acidic
- Ensure good ventilation during application and drying
- Skin contact: Wash thoroughly with soap and water or recognized skin cleaner.
- Eye contact: Flush immediately with water and contact a physician.
- Respiratory problems: Remove affected person to fresh air immediately and contact a physician.
- Not for consumption. If swallowed, contact a doctor immediately. Do not induce vomiting. Drink water.
- Keep out of reach of children.
- Do not pour down the drain

TECHNICAL DATA

- Pack size 1L, 5L and 20L buckets
- Touch dry 30 minutes at 23°C
- Hard dry 1 hours at 23°C
- Over coating time 1 hour if over coating with itself, 4 hours for over coating with other paints
- Volume solids ±41%
- Dry Film Thickness 50 microns
- Application temperature 10°C to 40°C
- Density 1.1 – 1.25g /l
- PH 1.5-3.5
- Flash point Non flammable
- Shelf life 6 months (dependent on storage conditions)
- Storage Away from direct sun, heat and severe cold

Properties listed above are for guidance only and not a guarantee on performance.

Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use.

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