



RUST CONVERTER

1. Product Description

Rust Converter is a water-based, polymeric solution designed to chemically convert rust (iron oxide) into a stable, inert black protective layer. This prepares corroded metal surfaces for painting or coating without the need for extensive mechanical cleaning.

2. Uses

- Steel structures, pipelines, tanks, and metal equipment
- Automotive parts and bodywork
- Outdoor fences, gates, railings, and metal roofs
- Maintenance and repair in industrial, marine, and construction applications

3. Advantages

- Converts active rust into a stable, paintable surface
- Prevents further corrosion
- Eliminates the need for complete rust removal
- Water-based, low VOC, and environmentally friendly
- Easy brush, roller, or spray application

4. Application Instructions

1. Surface Preparation

- Remove loose rust, scale, grease, and dirt with a wire brush or scraper.
- Surface must be dry and free of oil.

2. Application

- Stir well before use.
- Apply directly onto rusted areas by brush, roller, or spray.
- Coverage: ~8–10 m²/L depending on surface condition.

3. Curing

- Reaction occurs within 20–30 minutes (surface turns black).

- Allow 24 hours before applying a topcoat.

5. Technical Data

- Appearance: White/blue liquid (turns black on rust contact)
 - Density: ~1.05 g/cm³
 - pH: 2.0 – 3.0 (acidic)
 - Drying time: Touch dry 20–30 min, full cure 24 hours
 - Coverage: 8–10 m²/L (depending on rust thickness)
 - Shelf life: 12 months (sealed container, cool/dry storage)
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6. Packaging

- 1 L plastic container
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7. Health & Safety

- Contains acidic components – avoid skin and eye contact.
- Wear gloves, goggles, and protective clothing during application.
- Use in well-ventilated areas.
- Keep out of reach of children.

