

# PRODUCT DATA SHEET

## ADVANCED RANGE OF LIGHT INDUSTRIAL COATINGS

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THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

# Rust Converter



### Product Description

A two in one rust converter and primer for application directly onto rusted steel and galvanised iron. Low VOC and Lead Free. **NJR Steel Advanced Range Rust Converter** is easy to use for interior and exterior use where it is difficult to remove red rust completely. It reacts chemically with rust and effectively stops further corrosion. It converts red rust to a stable bluish black film and is water based for easy clean-up. Can be over coated with a variety of top coats (alkyd enamels, acrylic emulsions, vinyl's, polyurethane and epoxies).

### Composition

Water based polymer dispersion.

### Physical Properties

Colour:	Milky White / Cream
Viscosity:	60 - 70 Ku@25°C
Volume Solids:	35% by mass (typical)
Theoretical Spreading Rate:	7m <sup>2</sup> /l (depending on substrate porosity)
Dry Film Thickness:	20 - 30 microns per coat (Recommended)
Shelf Life:	12 Months
Storage Conditions:	Away from direct sunlight and/or heat and extreme cold
Pack Size:	1 Lt, 5 Lt and 20Lt
S.G:	1.100 - 1.139kg/l
Drying Time:	Touch Dry 1 Hr at 25°C. Do not apply at temperatures below 10°C. Dry to handle - 2 Hrs at 25°C
Recoating:	Minimum of 4 Hrs at 25°C. It is recommended to allow 18 Hrs prior to overcoating to ensure film is completely dry and free from moisture.

### Application Properties and Surface Preparation

- Product can be applied by brush, roller or airless spray (without thinning) onto properly sanded red rust.
- Ensure the surface to be painted is free from loose or flaking rusted material and is stable after sanding.
- Ensure the surface to be painted is free of grease, oil or grime (wash with **NJR Steel Advanced Range Degreaser**, rinse thoroughly and allow to dry completely)
- Rinse thoroughly with clean water twice.
- NB! Ensure the surface is completely dry and free from moisture prior to application.
- This product is not to be applied onto existing paints.
- A second coat is recommended on top of very badly rusted steel for better primer and rust conversion.

### Precaution

- Keep out of reach of children.
- Ensure adequate ventilation during painting and drying.
- Wash off with water and soap in the case of skin contact.
- Avoid eye contact - Rinse eyes with water and contact medical help for accidental contact.

Flash Point: N/A. Water based product

Toxicity: Non-Toxic (Normal precautions apply when handling paint. Refer to Material Safety Data Sheet for further information.)

*No guarantees are implied by the recommendations contained herein; since the data sheet is issued for information only. Method of application, surface cleanliness, conditions of use etc. are beyond our control.*