

## TECHNICAL DATASHEET

**Eracoat RC50** is a water reducible emulsion that has been designed for field application to rusted untreated steel which has or has not been hand or power cleaned or blasted.

**Eracoat RC50** neutralises the corrosion process. It reacts quickly with the rust and transforms iron oxides into a stable blue black metallic organic complex which is ready for painting.

### Application

Metal surfaces contaminated with rust/oxidation.

### Product Specification

Appearance	Milky white liquid
Viscosity at 20°C (KU)	60 - 70
Specific Gravity at 25°C	1.00 – 1.05
pH	1.0 – 2.0
Shelf Life at 25°C	12 months

### Features and Benefits

- **Eracoat RC50** offers a barrier effect.
- It reacts quickly with rust. Average reaction time is 3 hours. The film that formed is insoluble in water and even hydrophobic.
- It is an excellent adhesion promoter. Contrary to most chemical treatments of rust, it is not necessary to wash the treated surface with water before application of the first coat.
- It can be carried out on humid surfaces.

### Packaging

5kg Plastic Containers.

This information is of general nature and is supplied without recommendation of guarantee. It does not make claim to be free from patent infringement. Properties shown are typical and do not imply specification tolerances. Era Polymers cannot accept liability for loss or damage through use. Whilst these technical details are based on expert knowledge, practical experience and laboratory testing, successful application depends upon the nature and conditions in which the products are supplied. Users must, by comprehensive testing, evaluate this product in their own application.

## Processing Procedure

Eracoat RC50 is low in volatile organic compounds, and non- corrosive.

It penetrates directly into the residual rust.

It reacts with steel that has been blasted to white metal or thoroughly cleaned with abrasive disc or paper.



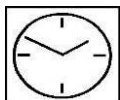
Clean the surface by removing oil, grease, dirt and old paint.



Apply with a brush.



Or with a roller brush.



Allow to dry for 3hours. The surface turns blue black.



Can be coated after 3 hours.

## Handling and Storage

Please read the Material Safety Data Sheet (SDS) for the most current 'Handling and Storage' information.

Eracoat RC50 should be stored in sealed containers, in a cool, dry area, and away from food stuffs.

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