

EAZY RUST CONVERTER (formerly RC559)

Product Code:	2512	Packaging:	25L & 200L
Product Group:	Anticorrosion	Issue/Date:	1.30 - 31/07/2015

eazy Rust Converter is a mineral-acid free rust treatment that has been specially formulated to neutralise corrosion on ferrous materials and act as a base coating before primer.

Product has been designed to rapidly neutralise corrosion leaving a tough insoluble acrylic coating without the use of hazardous mineral acids. Once dry, the coating can be over painted with primer or undercoat.

It is ideal for automotive applications, ships, oil rigs, refineries, power stations, boat yards, bridges, railways, in fact anywhere that corroded ferrous materials can be found.

Features & Benefits

- Neutralises the corrosion process
- Produces a hard, water insoluble, hydrophobic film
- Mineral-acid free / Not classified as hazardous
- Minimum surface preparation required
- Can be applied to damp surfaces
- Fast drying and curing
- Highly cost-effective
- Water based – Environmentally Friendly
- Self priming - Compatible with most paint products
- Free from Nonyl-Phenol Ethoxylates
- Vinyl acrylic copolymer latex
- Converts iron oxides to a stable ferrous organic complex

Application and use

See “Direction for use” for detailed information. Clean off any oil, grease, loose flakes of rust etc. eazy Aquaclean HD is ideal if chemically cleaning. Brush, roll or spray on to surface (coverage approx. 10-15m²/litre). Allow at least one hour after touch dry before attempting to apply additional coat. Allow 24 hours curing time before applying undercoat or paint.

How does it work?

When product comes into contact with rust, the milky white fluid rapidly starts to react, initially forming a blue film as the product converts the corrosion to a stable, ferrous, organic complex. As the process fully develops, the corroded areas turn black as the rust convertor becomes fully cured, halting further corrosion. Any corrosion that is still evident can be treated with further applications. The durable film produced acts as a primer, ready for over coating as desired.

DO NOT DILUTE PRODUCT - SUPPLIED READY TO USE
THIS PRODUCT IS NOT A COATING
AVOID EXTREMES OF HEAT

Directions for use

PRODUCT MUST ONLY BE APPLIED TO RUSTED FERROUS METALS SUCH AS IRON OR STEEL.
DO NOT REMOVE ALL RUST AS SOME IS REQUIRED FOR THE CHEMICAL REACTION TO TAKE PLACE.
PRODUCT MAY BE APPLIED TO DAMP SURFACES.

Surface Preparation

It is not necessary or desirable to remove all traces of rust however any non-adhering scale, rust, paint or dirt must be removed if present and high peaks of rust reduced in order to be covered adequately by product. Saltwater deposits must be removed by high pressure clean water blasting.

Alkali, grease, oil, salt and chemical contamination must be removed with detergent wash such as eazy Aquaclean HD and then rinsed with cold clean water.

Eazychem Ltd

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Application

Surface temperature at application should be above the dew point and below 40°C and surfaces can be either dry or damp.

Transfer a quantity of product into a non-metallic container ready for application.

Apply product by brush, roller or airless spray. Work well into deeply pitted areas using a brush ensuring all areas of corrosion are fully covered.

Depending on the condition of the surface and environment conditions (see Coverage & Drying Time) up to three coats may be required to ensure complete coverage and conversion of all corrosion present.

Do not pour any unused product back into the original container as any contamination will taint remaining product.

Product is self-priming and will accept most paints for over coating, extended life or cosmetic finish. Overcoat paint must be tested for compatibility before full-scale painting.

For chemical liquid tanks, or applications below the water line, overcoat with epoxy and leave 7 days before immersion.

Coverage

This is dependant on application method and surface conditions e.g. rough, smooth, depth of rust etc. As a rough guide 1 litre of product applied as one coat at a wet film thickness of 50-100 microns covers 10-15m² with a resulting dry film thickness of around 20 microns.

Drying Time (approx. per coat)

Depending on temperature and humidity product is touch dry in 15-45 minutes.

Do not apply additional coats for at least one hour after the previous coat is dry to touch. Do not allow the coating to get wet whilst drying and allow to cure for 24 hours before applying an overcoat. Test compatibility of any coatings on a small area before use.

Protect from rain during drying and in confined areas, high humidity and low temperature will delay drying time. Continuous warm air circulation will accelerate the drying process.

Flash rusting will occur if:

- Product is applied too thinly
- Temperature is below 50°C and drying time is delayed
- Salt deposits are not removed from the rust
- Weld areas flux salt deposits are not removed

Health and Safety

Please refer to the Material Safety Data Sheet and Product Label for specific information.

Limitation of Liability

Eazychem's standard **terms and conditions** of sale, available on request, apply and contain limitations on any liability that may be incurred by Eazychem arising in any way from the sale and use of products supplied by Eazychem.

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