

Rust Converter Super

Rust converter for use on rusted steel and sandblasted steel as pre-coating preparation.

- Neutralizes the corrosion process
- Reacts quickly with the rust and transforms iron oxides into a stable, insoluble blue-black metallo-organic complex inert surface
- Effects a thorough chemical passivation of substrate, making it a sound base for application of subsequent paint or coating systems
- Gives a water-insoluble hydrophobic film
- Is non-hazardous, non-flammable and dry film is fire retardant
- Can be applied easily by brush, roller or spray; 1 litre covers approx. 20 m²
- May also be applied to damp/wet rusted surfaces
- Reaction time required is 3 hours
- Gives you cost-effective corrosion control and long-term protection qualities
- Compatible with mostly used paint types and coating systems, alkyd systems, modified alkyds, chlorinated rubber, epoxies, polyurethanes, vinyls and the new water-based paint systems.

Application

On all rusted steel surfaces before painting or repainting when preparation by sandblasting is a problem, e.g. cargo holds, decks, hatch covers, superstructures, pipelines, winches, rails etc. It is also used on sandblasted surfaces to prevent or passivate "flash rust". Beyond being particularly suitable for use in the highly corrosive marine atmosphere, it is indeed also suitable for use on offshore oilrigs, in shipyards and refineries.

Directions for use

Remove loose rust, rust scales/flakes by thorough wire brushing. Mill scale, rust chips, blisters, deteriorated paints, oil, grease etc. should also be removed if present. In heavy industrial and marine atmospheres, rust always contains soluble salts. It is important to remove atmospheric salts by water wash with freshwater prior to application of RUST CONVERTER SUPER. The product is ready for use. One single thin application is sufficient. Apply by brush, roller or spray. One litre covers approximately 20 m². Reaction time is 3 hours and paint/coatings must not be applied sooner. If the rust converter is applied in confined areas, reaction time may be somewhat longer.

RUST CONVERTER SUPER is not a paint. Treated surfaces must be protected by suitable paints/coatings, preferably within 48 hours after application of RUST CONVERTER SUPER. Equipment should be washed and flushed in clean water after use. CAUTION: The rust converter should not be applied on hot surfaces above 40 °C, such as for instance a deck area in sunny tropical climate. Such area's should be treated only when the area has cooled down during the evening and left for reaction overnight.

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Properties

RUST CONVERTER SUPER is a milky cream-white liquid, based on water reducible chelating polymers. It does not contain phosphoric acid.

Specific Gravity (20 °C)	: 1.0
Flash point	: none
pH (1% solution)	: 1.6
IMO-code	: none
Viscosity	: 15 mPa.s
Stability	: more than 2 years in case of storage at 5 to 35 °C.

Protect from frost and direct sunlight.

Nature of special risks and safety advice

See our Material Safety Data Sheet.

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