RUST CONVERTER

Anti-Corrosion

RESTORES CORRODED METAL

Rust Converter converts the rust formed from the oxidation of steel and iron into a paintable anti-corrosion layer. The cured coating is impermeable, tough and durable, preventing further corrosion. When dry, the dark grey coating acts as an effective primer for coloured top-coat application.

Totally free of lead and chromates, with no need for sand blasting, Rust Converter is fast acting: results visible in <5 minutes.

It's water based, with no chlorinated solvents and it can be finished with Galva Colour as top coat.

PRODUCT CODES / FILL SIZES

30301 / 750ml

APPLICATIONS

Suitable for use throughout the industry on: mechanical handling equipment, rolling stock, agricultural equipment, steel construction, ship repair, surface treatment, corrosion protection of all ferrous materials.

Rust Converter acts in three ways:
1. Inactivates existing rust: the unstable ferric hydroxide, formed at the start of the corrosion process of iron, is transformed into an inert complex, halting the corrosion process immediately.
2. Formation of a passivating protective coating: the formed complexes combine with the unique resin in Rust Converter creating a non-permeable coating, providing anti-corrosion protection.
3. Function as a primer: the cured dark grey, protective coating has an ideal structure and composition to act as a primer for future cosmetic over-painting.

DIRECTIONS

- Stir or mix product before use.
- Stir frequently during application.
- Use only with adequate ventilation.
- Apply an even coat with a standard paint brush within a temperature range of 15 to 25°C. (dispose of brush, do not re-use).
- Allow Rust Converter to work – results will be visible in >5 minutes.
- Rust conversion at room temperature is approximately 30 minutes.
- Rust Converter will cure to a dry, dark grey finish – time dependent on application and rust.
- Leave for 24 hours before over-painting.

TECHNICAL DATA (WITHOUT PROPELLANT)

Appearance	Viscous Liquid
Colour	Blue-green
Odour	Odourless
Density	1.2 g/cm3 (@ 20°C)
pH	2.5-3.5
Flash Point	None
Rust Conversion Active Product	30 minutes
Rust Conversion Active Product	1 hour
Operational Temperature (Cured)	Maximum 60°C
Typical Coat Weight	20 µm
Coverage Per Litre	7m^2/litre
Adhesion On Steel Dry Coating	0 GT
Salt Spray Resistance (ASTM B 117)	340 Hours at film thickness of 25 µm
Flexibility (Mandrel Test)	Pass : 7mm

MATERIALS COMPATIBILITY

OK -
CAUTION -
NOT OK -

STORAGE & SHELF LIFE

The product should not be stored at temperatures below 5°C and do not mix with other products and has a shelf life of not less than 2 years with correct storage.

HEALTH AND SAFETY

A separate Safety Data Sheet (SDS) according to EC Regulation 73/404/EEC and 648/2004/EC is available from Ambersil.com or via info.uk@crcind.com

MISREPRESENTATION ACT 1967 TRADE DESCRIPTIONS ACT 1968

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