Tectyl™ 5401W RC

Premium water based, rust converter

Tectyl 5401W RC (Rust Converter) is a milky white-cream liquid, based on water reducible chelating polymers. It does not contain phosphoric acid. Tectyl 5401W RC can be used on rusted steel and sandblasted steel as a pre-coating preparation. It is compatible with most paint types and coating systems, such as alkyd systems, modified alkyds, chlorinated rubber, epoxies, polyurethanes, and vinyl's. The product is non-hazardous, non-flammable. Tectyl 5401W RC can be applied 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. Tectyl 5401W RC can also be used on sandblasted surfaces to prevent or passivate 'flash rust.' It's also particularly suitable for use in the highly corrosive marine atmosphere.

Approvals / Performance Levels

Tectyl™ 5401W RC	
Chemical Resistance	3 hours

Applications

Surface Preparation

The maximum performance of Tectyl 5401W RC can be achieved only when the metal surfaces to be protected are clean, dry and free of oil and mill scale. CorPro recommends a substrate temperature of 10-35 °C at the time of product application.

Application

Tectyl 5401W RC is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. Do not thin Tectyl 5401W RC. CorPro recommends that the ambient and product temperature be 10-35°C at the time of product application. For application Tectyl 5401W RC CorPro recommends low pressure air spraying using a stainless-steel piston pump. Tectyl 5401W RC can also be applied with a brush. Details on application can be found in the application chart.

Removal

Tectyl 5401W RC cannot be removed.

Features & Benefits

Convert corrosion

Tectyl 5401W RC converts corrosion. After application the substrate is suitable to be (re)painted or protected with a Tectyl corrosion protectant.

Efficient

Tectyl 5401W RC can convert up to 20 m² per liter.

Environment

Tectyl 5401W RC is a water-based compound.

Trusted since 1930

Since 1930, Tectyl™ protective coatings have been extending the operational life of cars, trucks, buses and other vehicles and equipment. The Tectyl name is synonymous with quality coatings that are easy to apply, long-lasting and easy to remove when no longer required.

For more information on Tectyl products, programs and services please visit www.tectyleurope.com.

Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office.

Protect the environment

Comply with local regulations. Do not discharge into drains, soil or water.

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Tectyl™ 5401W RC

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Tectyl specifications, variations in these characteristics may occur.

Tectyl™ 5401W RC	
Density @ 20°C	1 kg/ltr
Theoretical Coverage @ Recommended dry film thickness	20 sqm/ltr
Reaction Time	3 hours
Storage Temperature	10 - 35°C
VOC Content ISO 11890–2 (10.4)	30 g/ltr
pH @ 20°C Bereich	3 - 5

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Storage

Tectyl 5401W RC should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 5401W RC. Mild agitation is recommended prior to use. Under proper storage conditions Tectyl 5401W RC is best before 36 months after production date.

Caution

Refer to the Safety Data Sheet for additional handling and first aid information.

Note

The addition of any product under this coating is not recommended. Product should be used as intended; on bare 'rusted metal.' After application additional Tectyl coatings, e.g. Tectyl 506 for solvent based or Tectyl 5506W for water based are recommended to prevent future rust. Contact CorPro for recommended products, as this depends on the used substrate.

State of the information

November 09, 2026

Validity

This information only applies to products manufactured in the following regions: Europe

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