

Valvoline Performance Products – Tectyl

Version: TE053/01

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 vinyls. The product is non-hazardous, non-flammable and the dry film is fire retardant.

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

Directions for use

- Remove loose rust and rust scales/ flakes by thorough wire brushing. Mill scale, rust chips, blisters, deteriorated paints, oil, and grease 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 fresh water prior to application of Tectyl 5401W RC.
- Tectyl 5401W RC is not a paint. Treated surfaces can be overpainted in 3-6 hours normally. Treated surfaces must be protected by suitable paints/ coatings, preferably within 48 hours after application of the product.

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.

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.** Valvoline recommends that the ambient and product temperature be 10-35°C at the time of product application. For application **TECTYL 5401W RC** Valvoline recommends low pressure air spraying using a stainless steel piston pump with a ratio of 1:1 till 3:1, or a membrane pump. Also a normal gravity feed paint gun with a nozzle 1.4mm can be used. **TECTYL 5401W RC** can also be applied with a brush. **DO NOT FREEZE TECTYL 5401W RC** while curing.

Removal:

TECTYL 5401W RC cannot be removed.

Features & Benefits

Convert corrosion

Tectyl 5401W RC converts corrosion, so the substrate is suitable to be (re)ainted or protected with a Tectyl corrosion protectant.

Environment

Tectyl 5401W RC is a water based compound.

Efficient

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

Tectyl
PROTECTIVE PRODUCTS

PRODUCT INFORMATION



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.tectyl-europe.com

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	
Flashpoint, PMCC [°C]	Not applicable
Density @ 20°C [kg/ltr]	1,00
Reaction time [hours]	3
Theoretical coverage @ recommended DFT [m ² /ltr]	20
pH @ 20°C	3-5
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	30

This information only applies to products manufactured in the following location(s): Europe

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 or via the internet <http://sds.valvoline.com>

Protect the environment

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

Storage

Tectyl 5401W RC should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Do not freeze! Under proper storage conditions Tectyl 5401W RC is best before 12 months after production date.

Caution

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

Note

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus affecting the performance of this coating as stated in the Typical Properties section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Replaces –

™ Trademark of Valvoline, registered in various countries © 2017

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ellis Enterprises B.V. and its affiliates assume legal responsibility.

Tectyl
PROTECTIVE PRODUCTS