

Valvoline Performance Products – Tectyl

Version: TE021/02

Tectyl™ 210-R

Premium amber colored, wax based, corrosion preventive compound

Tectyl 210-R is an amber colored, solvent cutback, wax base, thixotropic corrosion preventive compound.

Tectyl 210-R is designed for protection at factory level of enclosed boxes, seams, joints and other creviced locations of vehicles, susceptible to corrosion.

Tectyl 210-R cures to a semi-hard, waxy, light amber colored, translucent slightly tacky film.

Approvals/Performance levels

Tectyl 210-R
<p>Accelerated Corrosion tests: @ Average recommended DFT</p> <p>Accelerated Corrosion tests: Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) At least 21 days</p> <p>Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) At least 100 days</p>
<p>Estimated Protection Period</p> <p>Indoor: 24 months</p>
<p>Tectyl 210-R when dried and cured, can be used from -20 -100 °C.</p>

Applications

Surface preparation

The maximum performance of Tectyl 210-R can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Valvoline recommends that the metal substrate temperature is 10-35 °C at the time of product application.

Application

Tectyl 210-R is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. Do not thin Tectyl 210-R. Incorrect thinning will affect film build, dry time and product performance. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. Tectyl 210-R can be applied by low pressure air spray. Details on application can be found in the application chart.

Removal

Tectyl 210-R can in the wet phase be removed with Tectyl Biocleaner, Valvoline 150 or low-pressure steam. If dried and cured the film of Tectyl 210-R can also be removed with Tectyl Biocleaner or Valvoline 150.

Features & Benefits

Excellent penetration

Tectyl 210-R penetrates in all small seams and joints, protecting creviced locations against corrosion.

Economical solution

With the thin layer of only 50 microns a large area can be protected against corrosion.

Suitable for OEM and aftermarket use

Tectyl 210-R is suitable to be applied at the manufacturing site as well as in the aftermarket. This makes Tectyl 210-R a flexible and attractive solution against corrosion.

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

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 210-R	
Flash Point, PMCC [°C]	40
Density @ 20°C [kg/ltr]	0.86
Recommended Dry Film Thickness over metal profile [microns]	50
Theoretical coverage @ recommended DFT [m²/ltr]	7.5
Non Volatile [weight %]	44
Viscosity; DIN (53211) Cup No. 4 @ 20°C (at time of manufacture) [sec]	25
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	464

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 210-R should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 210-R. Mild agitation is recommended prior to use. Due to its composition Tectyl 210-R can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 210-R is best before 36 months after production date.

Caution

Adequate ventilation is required for cure and to ensure against formation of combustible liquid. The partially cured film should not be exposed to ignition sources such as flares, flames, sparks, excessive heat or torches. 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 Performance level section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Replaces – TE021/01

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