

Valvoline Performance Products – Tectyl

Version: TE052/02

Tectyl™ 5350W

Premium water based, corrosion preventive compound.

TECTYL 5350W is a waterborne, wax based, brown colored and thixotropic corrosion preventive compound. **TECTYL 5350W** is non-flammable and can be used for the protection of ferrous objects like spare parts, steel casings, pipes, etc. **TECTYL 5350W** is not suitable for outside exposure in direct sunlight. **TECTYL 5350W** dries to a brown colored, firm, translucent film.

Approvals/Performance levels

Tectyl 5350W

Accelerated Corrosion tests:
@ Average recommended DFT

Accelerated Corrosion tests:
Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS
(Q-Panels, Type R, ASTM A1008)
15+ days

Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH
(Q-Panels, Type R, ASTM A1008)
100+ days

Estimated Protection Period

Indoor: 27 months
Outdoor: 15 months (Undercover, avoiding direct sunlight)

Surface Preparation:

The maximum performance of **TECTYL 5350W** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale and a substrate temperature of 10-35 °C at the time of product application.

Application:

TECTYL 5350W is formulated to be used as supplied. DO NOT THIN **TECTYL 5350W**. DO NOT FREEZE **TECTYL 5350W** while curing. Tectyl 5350W can be applied by airless spray, brush or dipping.

To prevent product instability when circulating **TECTYL 5350W** employ only Diaphragm or other type displacement pumps. DO NOT USE CENTRIFUGAL PUMPS as these will cause product instability. Cover diptanks during weekends and a long standstill. DO NOT FREEZE **TECTYL 5350W** while drying.

Removal:

TECTYL 5350W in the wet phase can be removed and spray equipment can be cleaned with water. To prevent corrosion flush the spray unit after cleaning with a mixture of 3 % TECTYL TPC Invisible in water. (Add TECTYL TPC Invisible to the water!) The cured film can be removed with mineral spirits or any similar petroleum solvent or alkaline cleaner. Also Tectyl Biocleaner can be used to remove Tectyl 5350W.

Features & Benefits

Superior Protection

At the recommended DFT, the substrates are protected against future corrosion. many different parts, such as tools and pipes but also steel castings and flanges.

Multi-functional Tectyl 5350W can be applied on many different parts, such as tools and pipes but also steel castings and flanges.: Tectyl 5350W can be applied on

Environment

Tectyl 5350W is a water based compound with low Volatile Organic Content (VOC's).

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 5350W	
Drop melting point [°C]	96
Density @ 20°C [kg/ltr]	0,97
Recommended Dry Film Thickness over metal profile [microns]	40
Theoretical coverage @ recommended DFT [m²/ltr]	8
Non Volatile [weight %]	31
Viscosity; Brookfield @ 20°C @ 20 RPM [mPa.s] [cP]	1900
pH @ 20°C	8,3
Dry to touch time @ 20°C [hours]	2
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	35

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 5350W should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Do not freeze! Due to its composition Tectyl 5350W can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 5350W 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 – TE052/01

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