

PRODUCT INFORMATION



ULBRICH

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Valvoline Performance Products – Tectyl

Version: TE055/01

Tectyl™ 5660W

Premium water based, underbody coating.

TECTYL 5660W is a High Non Volatile, filled, waterborne, thixotropic, quick drying, (co)polymer dispersion based corrosion preventive compound.

TECTYL 5660W is developed as an abrasion resistant underbody coating for buses and truck cabins. It is also suitable for complete undercoating of containers, trailers, etc.

TECTYL 5660W is also an excellent sealant for wooden floors of buses, trucks, etc.

TECTYL 5660W cures to a dark-grey colored, abrasion resistant, resilient and tough film.

Approvals/Performance levels

Tectyl 5660W

Accelerated Corrosion tests:
@ Average recommended DFT

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

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

Stone Chipping Resistance
(Erichsen VDA 508) ≥ 20 kg

Fire Resistance
(FMVSS 302) 0 mm/min

Surface Preparation:

The maximum performance of **TECTYL 5660W** can be achieved only when the surfaces to be protected are clean, dry and free of rust and oil. Non-galvanized steel and raw aluminum must be protected with an anti-corrosion primer prior to application of **TECTYL 5660W**.

Application:

TECTYL 5660W is formulated to be used as supplied. Ensure uniform consistency prior to use. Avoid contamination with other products in pumps and lines. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. For application **TECTYL 5660W** Valvoline recommends SST airless spraying with a slow moving, stainless steel piston pump with a ratio of 45:1 till 56:1, a flow per double stroke of at least 150ml. For the gun a maximum inlet pressure of 345 bar and reversible nozzle with an orifice of 0.017" minimum and 40° angle. **DO NOT FREEZE TECTYL 5660W** while curing.

Removal:

TECTYL 5660W is not intended for removal. **TECTYL 5660W** in the wet phase can be removed and spray equipment can be cleaned with water.

Features & Benefits

Superior Protection

At the recommended DFT, the water resistance provides extraordinary protection against stone chipping and corrosion.

Multi-functional

The underbody coating can also be used on different substrates, like the metal chassis, but also other materials, such as the wooden underside of a camper, caravan or trailer.

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 5660W	
Flash Point, PMCC [°C]	Not applicable
Density @ 20°C [kg/ltr]	1,3
Recommended Dry Film Thickness over metal profile [microns]	500
Theoretical coverage @ recommended DFT [m ² /ltr]	1,2
Non Volatile [weight %]	70
pH @ 20°C	8,5
Viscosity; Brookfield @ 20°C @ 20 RPM [mPa.s] [cP]	18000
Dry to touch time @ 20°C [hours]	1
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	2

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

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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 5660W should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Do not freeze! Due to its composition Tectyl 5660W can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 5660W 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 –

Tectyl
PROTECTIVE PRODUCTS