

## Valvoline Performance Products – Tectyl

Version: TE057/01

## Tectyl™ 5750W Black

**Premium water based, underbody coating.**

**TECTYL 5750W Black** is a High Non Volatile, filled latex/bitumen, waterborne, thixotropic, quick drying, non-flammable, corrosion preventive compound.

**TECTYL 5750W Black** is developed as an abrasion resistant underbody coating for railroad carriages, buses and truck cabins. It is also suitable for complete undercoating of containers, trailers, etc.

**TECTYL 5750W Black** is also an excellent sealant for wooden floors of buses, trucks, etc.

**TECTYL 5750W Black** cures to a black colored, abrasion resistant, resilient, firm film.

### Approvals/Performance levels

#### **Tectyl 5750W Black**

##### **Accelerated Corrosion tests:**

@ Average recommended DFT

##### **Accelerated Corrosion tests:**

Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS  
(EC Panels)

**21+ days**

Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH  
(EC Panels)

**21+ days**

### Surface Preparation:

The maximum performance of **TECTYL 5750W Black** 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 5750W Black**. Direct contact of **TECTYL 5750W Black** with PVC can cause compatibility problems. Please test prior to use.

### Application:

**TECTYL 5750W Black** 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 5750W Black** Valvoline recommends airless spraying with a slow moving, stainless steel piston pump with a ratio of 30:1 till 56:1, a flow per double stroke of at least 150 cc. 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 5750W Black** while curing.

### Removal:

**TECTYL 5750W Black** is not intended for removal. **TECTYL 5750W Black** in the wet phase can be removed and spray equipment can be cleaned with (hot) 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](http://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 5750W Black	
Flash Point, PMCC [°C]	Not applicable
Density @ 20°C [kg/ltr]	1,25
Recommended Dry Film Thickness over metal profile [microns]	350
Theoretical coverage @ recommended DFT [m <sup>2</sup> /ltr]	1,9
Non Volatile [weight %]	73
pH @ 20°C	7,5
Viscosity; Brookfield @ 20°C @ 20 RPM [mPa.s] [cP]	8000
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]	0

**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 5750W Black should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Do not freeze! Due to its composition Tectyl 5750W Black can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 5750W Black 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