

Valvoline Performance Products – Tectyl

Version: TE014/03

Tectyl™ 120

Premium general purpose, corrosion preventive compound

Tectyl 120 is a filled, solvent cutback, wax/asphaltic base, thixotropic, corrosion preventive compound.

Tectyl 120 is suitable for the complete undercoating of undersides of autos, trucks, buses, truck trailers, camp trailers, heavy construction equipment and cargo containers.

Tectyl 120 dries to a firm, bronze colored, resilient, tough and abrasion resistant film.

Approvals/Performance levels

Tectyl 120

Accelerated Corrosion tests:

@ Average recommended DFT

Accelerated Corrosion tests:

Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008)

At least 40 days

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

At least 100 days

Estimated Protection Period

Indoor: 36 months

Outdoor: 21 months

Applications

Surface preparation

The maximum performance of Tectyl 120 can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Valvoline recommends a substrate temperature of 10-35 °C at the time of product application. Avoid direct contact of the product with PVC due to possible material incompatibility.

Application

Tectyl 120 is formulated to be used as supplied. It is recommended that the ambient and product temperature be 10-35 °C at the time of product application. Tectyl 120 can be applied by airless spray or brush. Details on application can be found in the application chart.

Removal

Tectyl 120 can in the wet phase be removed with Tectyl Biocleaner or Valvoline 150 or low-pressure steam. If dried and cured the film of Tectyl 120 can also be removed with Valvoline 150.

Features & Benefits

Superior Protection

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

Multi-functional

Tectyl 120 can be applied on many different vehicles, such as cars, trucks, busses, campers, but also trailers and caravans.

Processing

Tectyl 120 is an easy to apply, elastic, protective underbody coating.

Multiple substrates

The underbody coating can also be used on different substrates, such as the wooden underside of a camper or caravan.

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 120	
Flash Point, PMCC [°C]	40
Density @ 20°C [kg/ltr]	1.02
Recommended Dry Film Thickness over metal profile [microns]	250
Theoretical coverage @ recommended DFT [m ² /ltr]	1.9
Non Volatile [weight %]	61
Viscosity; Brookfield @ 25°C @ 2 RPM [mPa.s] [cP] @ 20 RPM [mPa.s] [cP]	20000 6000
Dry to touch time @ 20°C [hours]	3
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	386

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 120 should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 120. Mild agitation is recommended prior to use. Due to its composition Tectyl 120 can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 120 is best before 24 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 – TE014/02

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