Tectyl™

Product information

Valvoline Performance Products – Tectyl

Version: **TE049/02**

Tectyl™ 4D750 Brown OEM

Premium ultra-low VOC containing, hollow section, corrosion preventive compound.

Tectyl 4D750 Brown OEM is a resin/oil based, dark brown, liquid corrosion preventive compound.
Tectyl 4D750 Brown OEM is formulated with a minimum of volatile organic components.
Tectyl 4D750 Brown OEM is designed for industrial application giving good penetration into folds, flanges and cracks, making it very suitable as a corrosion protective for the inside of car doors and other hollow sections of cars and rolling equipment.
Tectyl 4D750 Brown OEM cures to a dark brown, translucent, semi-soft film.

Approvals/Performance levels

Tectyl 4D750 Brown OEM
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) **50+ days**
Tectyl 4D750 Brown OEM is Approved according to TR 338:2010, **SFS 4086:2006**, 02-12-2010 Granted certificate by Inspecta Sertifionti Oy for Anti-corrosion agents for internal hollow.
As Tectyl 4D750 Brown OEM is a chemical drying product, the cure time is depending on the application and environmental conditions

Applications

Surface Preparation:
The maximum performance of **TECTYL 4D750 Brown OEM** 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 4D750 Brown OEM is formulated to be used as supplied. DO NOT THIN **TECTYL 4D750 Brown OEM**. DO NOT FREEZE **TECTYL 4D750 Brown OEM** while curing. Tectyl 4D750 Brown OEM can be applied by low pressure air spray application. As **Tectyl 4D750 Brown OEM** is a chemical drying product, care should be taken to avoid prolonged contact of the product in the container with air (oxygen) as much as possible. During use this can be achieved by binding the plastic innerliner around the suction tube with a plastic binder. If not in use, keep the container tightly closed!

Removal:
TECTYL 4D750 Brown OEM can be removed with mineral spirits or any similar petroleum solvent. Also Tectyl Biocleaner can be used to remove Tectyl 4D750 Brown OEM.

Features & Benefits

Superior Protection
At the recommended DFT, the hollow sections are protected against corrosion.

Efficient
With a DFT of only 40 microns, Tectyl 4D750 Brown OEM is an efficient corrosion protection, protecting a large area with only little amount of the product.

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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 4D750 Brown OEM	
Flash Point, PMCC [ºC]	>180
Density @ 20°C [kg/ltr]	0,91
Recommended Dry Film Thickness over metal profile [microns]	40
Theoretical coverage @ recommended DFT [m²/ltr]	23,6
Non Volatile [weight %]	96
Viscosity; Brookfield @ 20°C @ 2 RPM [mPa.s] [cP] @ 20 RPM [mPa.s] [cP]	 7000 1600
Penetration [mm] (In house test)	40
Dry to touch time @ 20°C [hours]	72
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	62

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. Comply with local regulations. Do not discharge into drains, soil or water.

Storage
Tectyl 4D750 Brown OEM should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use.
Due to its composition Tectyl 4D750 Brown OEM can be subject to postproduction viscosity changes during storage.
Under proper storage conditions Tectyl 4D750 Brown OEM is best before 18 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 – TE049/02

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