Tectyl™

Product information

Valvoline Performance Products – Tectyl

Version: **TE037/02**

Tectyl™ 558-AMC

Premium solvent based corrosion preventive compound

Tectyl 558-AMC is an amber colored, solvent cutback, slightly thixotropic wax base corrosion preventive compound with good water displacing properties.
Tectyl 558-AMC is primarily intended for spray application to enclosed boxes, seams, joints and other creviced locations of vehicles, susceptible to corrosion.
Tectyl 558-AMC is recommended as a primer coat for 2-layer systems. After a relatively short drying period **Tectyl 558-AMC** can be sprayed over with several solvent based **Tectyl** products.
Tectyl 558-AMC dries to a dark amber colored, translucent, waxy, semi-firm, slightly tacky film.

Approvals/Performance levels

Tectyl 558-AMC
Accelerated Corrosion tests: @ Average recommended DFT Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) **At least 21 days** Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) **At least 75 days**
Tectyl 558-AMC meets **SFS 4086:2006**
Estimated Protection Period Indoor: 24 months
Penetration capability after 30 minutes (MAN TUC15-015): > 50 mm

Applications

Applications

Surface preparation
The maximum performance of **Tectyl 558-AMC** 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.

Application
Tectyl 558-AMC is formulated to be used as supplied. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. Do not thin **Tectyl 558-AMC**.
Tectyl 558-AMC can be applied by low-pressure air spray. Details on application can be found in the application chart.

Removal
Tectyl 558-AMC can be removed in the wet phase with Tectyl Biocleaner or Valvoline 150 or low-pressure steam. If dried and cured the film of **Tectyl 558-AMC** can be removed with Tectyl Biocleaner or Valvoline 150.

Features & Benefits

Strong penetration
With its strong penetration, **Tectyl 558-AMC** will protect the surface against corrosion, even in small seams and crevices.

Economical
With a DFT of only 50 microns, **Tectyl 558-AMC** can protect a big surface with just a little amount of the product.

Superior Protection

Tectyl 558-AMC will protect against corrosion and will displace water where needed.

Dual coating with Tectyl 120, Tectyl 120-EH, Tectyl 121-LV, Tectyl 122-A
When applying Tectyl 120, Tectyl 120-EH, Tectyl 121-LV or Tectyl 122-A on top of Tectyl 558-AMC, the combination makes an underbody coating with excellent corrosion resistance. The top layer can be immediately applied, no drying time is necessary.

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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.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 558-AMC	
Flashpoint; PMCC [°C]	40
Density @ 20°C [kg/ltr]	0.86
Recommended Dry Film Thickness over metal profile [microns]	50
Theoretical coverage @ recommended DFT [m²/ltr]	7.0
Non Volatile [weight %]	42
Viscosity; DIN (53211) Cup No. 4 @ 20°C (at time of manufacture) [sec]	21
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]	496

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 558-AMC should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 558-AMC. Mild agitation is recommended prior to use. Due to its composition Tectyl 558-AMC can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 558-AMC is best before 36 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 (SDS) for additional handling and first aid information.

Note
The addition of any product 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 – TE037/01a