

Valvoline Performance Products – Tectyl

Version: TE037/01

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 other **TECTYL** products up to a maximum wet film thickness of approx. 600 microns without sagging or dripping.

TECTYL 558-AMC dries to a dark amber colored, translucent, waxy, semi-firm, slightly tacky film.

Approvals/Performance levels

Tectyl 558-AMC
<p>Accelerated Corrosion tests: @ Average recommended DFT</p> <p>Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) 21+ days</p> <p>Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) 75+ days</p>
<p>Tectyl 558-AMC 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.</p>
<p>Estimated Protection Period Indoor: 18 months</p>
<p>Penetration capability after 30 minutes (MAN TUC15-015): > 50 mm</p>

Application

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 and a substrate temperature of 10-35 °C at the time of product application.

Application:

TECTYL 558-AMC is formulated to be used as supplied. DO NOT THIN **TECTYL 558-AMC**. Tectyl 558-AMC can be applied by low pressure air spray. DO NOT FREEZE **TECTYL 558-AMC**.

Removal:

TECTYL 558-AMC can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam. If dried and cured the film of **TECTYL 558-AMC** can also be removed with Tectyl Biocleaner.

Features and Benefits

Superior Protection

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

Economical

With a Dry Film Thickness of only 50 microns, Tectyl 558-AMC can protect a big surface with just a little product.

Strong penetration

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

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.

Health and Safety

For the health and safety related properties of this product reference is made to the Safety Data Sheet (SDS). A Safety Data Sheet is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

Do not discharge into drains, soil or water.

Storage

Tectyl 558-AMC should be stored at temperatures between 10-35 °C. 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 can have a shelf life of 36 months minimum.

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	
Flash Point, 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 Content ISO 11890-2 (10.4) [g/ltr]	495

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

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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

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 Typical Properties section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Author:

RdB, August 2015

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