Tectyl™

Product information

Valvoline Performance Products – Tectyl

Version: **TE079/01**

Tectyl™ 300G Black E Matt

Premium waterborne matt black corrosion preventive coating.

TECTYL 300G Black E Matt is a waterborne corrosion preventive coating. The cured film is hard and flexible and has a matt black appearance.
TECTYL 300G Black E Matt provides an effective barrier against corrosive environments for ferrous and non-ferrous fabrications and industrial components.

Approvals/Performance levels

Tectyl 300G Black E Matt
Weathering resistance: 500 hours PASS [ASTM G-23]
Accelerated Corrosion tests: @ Average recommended DFT **Accelerated Corrosion tests:** Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (5 x 10 x 0.6 cm Cold Rolled Steel panels) **13+ days** Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (5 x 10 x 0.6 cm Cold Rolled Steel panels) **21+ days**
Estimated Protection Period: Inside and covered storage: 36 months Outdoor: 12 months

Applications

Surface preparation:
The maximum performance of **TECTYL 300G Black E Matt** can be achieved only when the metal surface to be protected are clean, dry and free of rust, oil and mill scale. Valvoline recommends that the metal substrate temperature be 10-35 °C at the time of product application.

Application:
TECTYL 300G Black E Matt is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of water and coalescing during use, contact Valvoline. DO NOT THIN **TECTYL 300G Black E Matt**. Incorrect thinning will affect film build, dry time and product performance.
TECTYL 300G Black E Matt can be airless spray or dip applied.

Removal:
The dry film is not normally intended for removal. The product can be stenciled over after the film is cured. Citrus or alkaline cleaner will remove fresh residue accumulated on application equipment.

Features & Benefits

Excellent flexibility
Due to its mechanical properties, the surface will be protected for a long period, even with a 180° Mandrell Bend.

Overcoatable
Tectyl 300G Black E Matt is overcoatable with top coat systems. Try on a small area first to ensure compatibility between Tectyl 300G Black E Matt and topcoat.

End result
Tectyl 300G Black E Matt leaves an excellent end result which makes the surface easy to inspect visually.

Apply almost everywhere
Because of the black, flexible coating, Tectyl 300G Black E Matt can be used almost everywhere.

Tectyl™

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**

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 300G Black E Matt	
Flash Point, PMCC [ºC]	47
Density @ 20°C [kg/ltr]	1,07
Recommended Dry Film Thickness over metal profile [microns]	50
Theoretical coverage @ recommended DFT [m²/ltr]	6
Non Volatile [weight %]	33
Dry to touch time @ 20°C [minutes]	30 – 50
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	333

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 300G Black E Matt is NOT frost-resistant! DO NOT FREEZE Tectyl 300G Black E Matt during transport and storage. Tectyl 300G Black E Matt should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Packs with product should be protected from direct sunlight and heat. Due to its composition Tectyl 300G Black E Matt can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 300G Black E Matt is best before 9 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 Typical Properties section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Replaces –

™ Trademark of Valvoline, registered in various countries © 2017

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ellis Enterprises B.V. and its affiliates assume legal responsibility.