

Valvoline Performance Products – Tectyl

Version: TE001/05

Tectyl™ 3217 E

Premium water based, fast drying, corrosion preventative compound.

TECTYL 3217 E has been specially designed for use as an environmental friendly protector of unfinished metal and industrial finishes. The dry film is tack free and prevents dust build up.

TECTYL 3217 E is excellent for use on aluminum and galvanized surfaces as protector. Eliminates water spotting caused by acidic rain or hard water.

TECTYL 3217 E cures to a transparent, resilient, firm film.

Approvals/Performance levels

Tectyl 3217 E
<p>Accelerated Corrosion tests: @ Average recommended DFT</p> <p>Accelerated Corrosion tests: 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) 100+ days</p>
<p>Estimated Protection Period</p> <p>Indoor: 36 months Outdoor: 12 months</p>
<p>Weathering resistance: ≥ 300 hours PASS [ISO 4892-3]</p>
<p>Excellent yellowing resistance at elevated temperatures</p>

Surface Preparation:

The maximum performance of TECTYL 3217 E can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale.

Application:

TECTYL 3217 E is formulated to be used as supplied. Ensure uniform consistency prior to use. Avoid contamination with other products in pumps and lines. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. For application TECTYL 3217 E Valvoline recommends a low pressure airspray application or airless application with a small airless nozzle. The advised airless system contains an SST airless pump with a ratio of 20:1 till 50:1 and a nozzle 209 or 211. DO NOT FREEZE TECTYL 3217 E while curing.

Removal:

TECTYL 3217 E is not intended for removal. TECTYL 3217 E in the wet phase can be removed and spray equipment can be cleaned with (hot) water. To prevent corrosion, flush the spray unit after cleaning with a mixture of 3 % TECTYL 810 in water (Add TECTYL 810 to the water!)

Features & Benefits

Superior protection

Tectyl 3217 E is an excellent preservative for the storage or transit protection of finished and unfinished automotive parts.

Environment Tectyl 3217 E is a water based product with low amount of VOC.

Easy application

Due to the viscosity Tectyl 3217 E is easy to apply and forms excellent film formation at suitable layer thickness for highest efficiency.

Fast drying: With a dry to touch time of 30-60 minutes and a cure time of 8 hours Tectyl 3217 E is a fast drying protective coating.

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 3217 E	
Flash Point, PMCC [°C]	Not applicable
Density @ 20°C [kg/ltr]	1,02
Recommended Dry Film Thickness over metal profile [microns]	25-50
Theoretical coverage @ recommended DFT [m ² /ltr]	10,4
Non Volatile [weight %]	28
pH @ 20°C	9,7
Viscosity; Brookfield @ 20°C	
@ 2 RPM [mPa.s] [cP]	760
@ 20 RPM [mPa.s] [cP]	700
Zahn Cup No.3 @ 20°C [sec]	78
DIN Cup No.4 @ 20°C [sec]	131
Dry to touch time @ 20°C [hours]	1
Cure time @ 20°C [hours]	8
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	118

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

™ Trademark of Valvoline, registered in various countries © 2018

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.

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 3217 E should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Do not freeze! Due to its composition Tectyl 3217 E can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 3217 E is best before 12 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 – TE001/04