



Version: TE001/06

Tectyl™ 3217 E

Premium water based, fast drying, corrosion preventative compound

TECTYL 3217 E has been specially designed for use as an environmentally 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.

Tectyl 3217 E

Accelerated Corrosion tests:
@ Average recommended DFT

Accelerated Corrosion tests:
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 100 days

Estimated Protection Period

Indoor: 36 months
Outdoor: 12 months

Weathering resistance:
≥ 1000 hours PASS [ISO 4892-3]

Excellent yellowing resistance at elevated temperatures

Tectyl 3217 E when dried and cured, can be used up to 150 °C.

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

Application

Tectyl 3217 E is formulated to be used as supplied. CorPro recommends that the ambient and product temperature be 10-35 °C at the time of product application. Always ensure uniform consistency prior to use. Avoid contamination with other products in pumps and lines. CorPro recommends that the ambient and product temperature be 10-35 °C at the time of product application. For application **Tectyl 3217 E** CorPro recommends a low pressure airspray application or airless application with a small airless nozzle. Details on application can be found in the application chart.

Removal

Tectyl 3217 E is not intended for removal. **Tectyl 3217 E** can in the wet phase be removed with water. If dried and cured, **Tectyl 3217 E** cannot be removed.

Approvals/Performance levels

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 VOC content.

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.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 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

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.

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. Do not freeze Tectyl 3217 E. Mild agitation is recommended prior to use. 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 Performance level section. If a primer, other than a CorPro recommended product is required, written authorization must be obtained from CorPro.

Replaces – TE001/05a

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