Tectyl™ 300G Clear E

Premium waterborne transparent corrosion preventive coating

Tectyl 300G Clear E is a waterborne corrosion preventive coating. The cured film is hard, transparent and flexible. Tectyl 300G Clear E provides an effective barrier against corrosive environments for ferrous and non-ferrous fabrications and industrial components.

Approvals / Performance Levels

Tectyl™ 300G Clear E	
Recommended Dry Film Thickness over metal profile	50 µm
Salt Spray Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008)	min. 21 days
Humidity Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008)	min. 21 days
Weathering Resistance ASTM G23	500 hours
Protection Indoor (min. months)	min. 36
Protection Outdoor (min. months)	min. 12

Applications

Surface Preparation

The maximum performance of Tectyl 300G Clear E can be achieved only when the metal surface to be protected are clean, dry and free of rust, oil and mill scale. CorPro recommends that the metal substrate temperature be 10-35 °C at the time of product application.

Application

Tectyl 300G Clear E is formulated to be used as supplied. Ensure uniform consistency prior to use. If the product thickens due to cold storage or loss of water and coalescing during use, contact CorPro. Do not thin Tectyl 300G Clear E. Incorrect thinning will affect film build, dry time and product performance. Tectyl 300G Clear E can be airless spray or dip applied. Details on application can be found in the application chart.

Removal

Tectyl 300G is not intended for removal. In the wet phase Tectyl 300G in the wet phase can be removed with water or Tectyl Biocleaner. If dried and cured the film can be removed with ethyl acetate.

Features & Benefits

Excellent flexibility

Due to its mechanical properties, the surface is protected over a long period of time, even with a 180° Mandrell bend.

Final result

Tectyl 300G Clear E leaves an excellent transparent finish that facilitates visual inspection of the surface.

Overcoatable

Tectyl 300G Clear E is recoatable with topcoat systems. Test on a small area first to ensure compatibility between Tectyl 300G Clear E and the topcoat.

Can be applied almost anywhere

Due to the transparent, flexible coating, Tectyl 300G Clear E can be used almost anywhere.

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.

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.

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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 Clear E	
Flash Point	46°C PMCC
Density @ 20°C	1.02 kg/ltr
Theoretical Coverage @ Recommended dry film thickness	6.3 sqm/ltr
Viscosity (Brookfield @ 25°C) @ 2 RPM	720 mPa·s (cP)
Viscosity (Brookfield @ 25°C) @ 20 RPM	660 mPa·s (cP)
Viscosity (Zahn Cup) Cup No. 3	78 s
Viscosity (DIN 53211) Cup No. 4	114 s
Non Volatile Weight	27%
Dry to Touch @ 20°C	30 - 50 minutes
Storage Temperature	10 - 35°C
Application Temperature	10 – 35°C
VOC Content ISO 11890–2 (10.4)	162 g/ltr
Cure Time @ 20°C Range	max. 24 hours

https://tectyleurope.com

Storage

Tectyl 300G Clear E should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 300G. Mild agitation is recommended prior to use. Packs with product should be protected from direct sunlight and heat. Due to its composition Tectyl 300G Clear E can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 300G Clear E 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

This product is over coatable. Try on a small area first. 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.

State of the information

November 09, 2026

Validity

This information only applies to products manufactured in the following regions: Europe

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