Tectyl™ 300G Black E

Premium waterborne black corrosion preventive coating

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

Approvals / Performance Levels

Tectyl™ 300G Black 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 Black 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 Black 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 CorPro. Do not thin Tectyl 300G Black. Incorrect thinning will affect film build, dry time and product performance. Tectyl 300G Black can be airless spray or dip applied. Details on application can be found in the application chart.

Removal

Tectyl 300G Black is not intended for removal. In the wet phase Tectyl 300G Black 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 will be protected for a long period, even with a 180° Mandrell Bend.

Apply almost everywhere

Because of the flexibility and strong adhesion, Tectyl 300G Black can be used almost everywhere.

Overcoatable

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

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 offices.

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 Black E	
Flash Point	46°C PMCC
Density @ 20°C	1.07 kg/ltr
Theoretical Coverage @ Recommended dry film thickness	6 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
VOC Content ISO 11890–2 (10.4)	172 g/ltr
Cure Time @ 20°C Range	max. 24 hours

https://tectyleurope.com

Storage

Tectyl 300G Black should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 300G Black. 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 can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 300G Black 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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