Tectyl™ 800-D BF

Premium oil based, Barium Free, general purpose, corrosion preventive compound

Tectyl 800-D BF is a water displacing, low viscosity, lubricating corrosion preventive oil. The film is light, transparent and oily. Tectyl 800-D BF is recommended for the protection and lubrication of small arms and automatic weapons, industrial equipment, tools, pneumatic controls and light duty machinery and motors in moist, cold conditions. Tectyl 800-D BF serves as a light gauge wire preservative and a tube coating for undercover shipment and storage.

Approvals / Performance Levels

Tectyl™ 800-D BF	
Recommended Dry Film Thickness over metal profile	7 µm
Salt Spray Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008)	min. 2 days
Humidity Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008)	min. 40 days
US Federal Standard STD 791-3007	PASS
Protection Indoor (min. months)	min. 24
Protection Outdoor (min. months)	min. 12

Applications

Surface Preparation

The maximum performance of Tectyl 800-D BF 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 800-D BF 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. Do no thin Tectyl 800-D BF. Tectyl 800-D BF can be applied by low pressure air spray, line lubricators or dip. Details on application can be found in the application chart.

Removal

In the wet and dried phase Tectyl 800-D BF can be removed with Tectyl Biocleaner or Tectyl 150.

Features & Benefits

Superior protection

At the recommended DFT, water resistance and displacement provide exceptionally protection against corrosion.

Processing

Tectyl 800-D BF is an easy-to-apply, protective coating.

Environment

Tectyl 800-D BF is completely barium-free.

Economical

Due to the thin film required, larges area can be protected with little product.

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™ 800-D BF	
Flash Point	140°C PMCC
Density @ 20°C	0.87 kg/ltr
Theoretical Coverage @ Recommended dry film thickness	155 sqm/ltr
Viscosity @ 40°C	14 mm²/s
Cure Time @ 20°C Range	2 - 3 hours
Storage Temperature	10 - 35°C
Application Temperature	10 – 35°C
VOC Content ISO 11890–2 (10.4)	20 g/ltr

https://tectyleurope.com

Storage

Tectyl 800-D BF should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 800-D BF. Mild agitation is recommended prior to use. Due to its composition Tectyl 800-D BF can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 800-D BF is best before 36 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 this coating is not possible and use of a primer 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.

State of the information

August 13, 2026

Validity

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

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