Tectyl™ 506-WD

Premium solvent based corrosion preventive compound

Tectyl 506-WD is solvent cutback, wax base, thixotropic, dark amber, water displacing corrosion preventive compound. Tectyl 506-WD is recommended for long-term protection of ferrous and non-ferrous metals, as an underbody coating of autos, trucks, trailers, etc. Tectyl 506-WD cures to a relatively firm, dark amber, resilient film. Tectyl 506-WD is the Water Displacing version of Tectyl 506.

Approvals / Performance Levels

Tectyl™ 506-WD	
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. 25 days
Humidity Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008)	min. 100 days
Protection Indoor (min. months)	min. 24
Protection Outdoor (min. months)	min. 12

Applications

Surface Preparation

The maximum performance of Tectyl 506-WD can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale and a substrate temperature of 10-35 °C at the time of product application.

Application

Tectyl 506-WD is formulated to be used as supplied. Due to its composition Tectyl 506-WD can be subject to postproduction viscosity changes and/or wax sedimentation. Always ensure homogeneous consistency by agitation before use. If the product thickens due to cold storage or loss of solvent during use, thinning with max. 1-2% of Tectyl 150 is possible to get the desired consistency. Incorrect thinning will affect film build, dry time and potentially product performance. Tectyl 506-WD can be applied by airless spray, low pressure air spray or brush. Details on application can be found in the application chart.

Removal

Tectyl 506-WD can in the wet phase be removed with Tectyl Biocleaner, Tectyl 150 or low-pressure steam. If dried and cured Tectyl 506-WD can be removed with Tectyl Biocleaner or Tectyl 150.

Features & Benefits

Superior Protection

At the recommended DFT Tectyl 506-WD will protect against corrosion during storage, domestic and overseas transport.

Processing

Tectyl 506-WD is easy to apply and easy to remove, when no longer needed.

Inside and outside protection

Tectyl 506-WD has excellent water displacement properties, which makes it suitable for inside and outside protection.

Economical

With a DFT of only 50 microns, Tectyl 506-WD can protect a large surface with just little amount of the 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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Tectyl™ 506-WD

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™ 506-WD	
Operating Temperature Range when dried and cured	max. 100°C
Flash Point	40°C PMCC
Density @ 20°C	0.87 kg/ltr
Theoretical Coverage @ Recommended dry film thickness	9.6 sqm/ltr
Non Volatile Weight	54%
Dry to Touch @ 20°C	1 hours
Cure Time @ 20°C	24 hours
Storage Temperature	10 - 35°C
VOC Content ISO 11890–2 (10.4)	403 g/ltr

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Storage

Tectyl 506-WD should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 506-WD. Mild agitation is recommended prior to use. Due to its composition Tectyl 506-WD can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 506-WD is best before 36 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

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.

State of the information

August 13, 2026

Validity

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

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