Tectyl™ 5506W-I

Premium general purpose, corrosion preventive compound

Tectyl 5506W-I is a waterborne, quick drying, general purpose polymer/ wax-based corrosion preventive compound. Tectyl 5506W-I is excellent for long term protection of metallic surfaces against corrosion in either indoor or outdoor exposure, like machinery, machine rolls/tools, dies, tubing, and spare parts. Tectyl 5506W-I cures to a clear-light yellow/amber colored, translucent firm and elastic film.

Approvals / Performance Levels

Tectyl™ 5506W-I	
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. 40 days
Humidity Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008)	min. 40 days
Protection Indoor (min. months)	min. 48
Protection Outdoor (min. months)	min. 36

Applications

Surface Preparation

The maximum performance of Tectyl 5506W-I 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. Please test prior to use. Practical evaluation is preferred when planning to exchange solvent based corrosion preventatives by water-based corrosion preventatives.

Application

Tectyl 5506W-I 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 not thin Tectyl 5506W-I. Tectyl 5506W-I can be applied by SST airless spray system or low-pressure air spray. The product can also be dipped or painted. Details on application can be found in the application chart.

Removal

Tectyl 5506W-I in the wet phase can be removed with water or Tectyl Biocleaner. If dried and cured Tectyl 5506W-I can be removed with Tectyl Biocleaner.

Features & Benefits

Superior Protection

At the recommended DFT, Tectyl 5506W-I provides extraordinary long protection against corrosion.

Environment

Tectyl 5506W-I is a water-based compound with low Volatile Organic Compound (VOC).

Processing

Tectyl 5506W-I 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.

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.

CorPro GmbH
Düsseldorfer Straße 40a
65760 Eschborn
Germany

+49 6196 56100-0
+49 (0)6173 9373-30
info@corpro.gmbh
corpro.gmbh

tectyleurope.com

™ Trademark of CorPro, registered in various countries © 2022

Tectyl™ 5506W-I

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™ 5506W-I	
Density @ 20°C	1.04 kg/ltr
Theoretical Coverage @ Recommended dry film thickness	20 sqm/ltr
Viscosity (Brookfield @ 20°C) @ 20 RPM	950 mPa·s (cP)
Non Volatile Weight	42%
Dry to Touch @ 20°C	0.5 hours
Cure Time @ 20°C	24 hours
Storage Temperature	10 - 35°C
Application Temperature	10 – 35°C
VOC Content ISO 11890–2 (10.4)	36 g/ltr
Bending Test DIN 53152	PASS
Temperature Resistance	-30 - 120°C

https://tectyleurope.com

Storage

Tectyl 5506W-I should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 5506W-I. Mild agitation is recommended prior to use. Do not freeze Tectyl 5506W-I. Due to its composition Tectyl 5506W-I can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 5506W-I 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 under this coating is not recommended. The addition of any product over this coating is not possible. 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

CorPro GmbH
Düsseldorfer Straße 40a
65760 Eschborn
Germany

+49 6196 56100-0
+49 (0)6173 9373-30
info@corpro.gmbh
corpro.gmbh

TM Trademark of CorPro, registered in various countries © 2022