Tectyl™ 121-LV

Premium wax/asphaltic based, corrosion preventive underbody coating

Tectyl 121-LV is a filled, solvent cutback wax/asphaltic base, thixotropic, corrosion preventive compound. Tectyl 121-LV is suitable for the complete undercoating of undersides of autos, trucks, buses, truck trailers, camp trailers, heavy construction equipment and cargo containers. Tectyl 121-LV is very suitable as a coating in industrial constructions of ovens and chimneys, where high temperatures and in between periods under the dew point can occur. Tectyl 121-LV dries to a firm, black, resilient, tough and abrasion resistant film.

Approvals / Performance Levels

Tectyl™ 121-LV	
Recommended Dry Film Thickness over metal profile	250 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. 100 days

Applications

Surface Preparation

The maximum performance of Tectyl 121-LV 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. Avoid direct contact of the product with PVC due to possible material incompatibility.

Application

Tectyl 121-LV is formulated to be used as supplied. It is recommended that the ambient and product temperature be 10-35 °C at the time of product application. Tectyl 121-LV can be applied by airless spray or brush. Details on application can be found in the application chart.

Removal

Tectyl 121-LV in the wet phase can be removed in the wet phase with Tectyl Biocleaner or Tectyl 150 or low-pressure steam. If dried and cured the film of Tectyl 121-LV can be removed with Tectyl 150.

Features & Benefits

Protection at high temperatures

Tectyl 121-LV is very suitable as a protective coating in areas where high temperatures in combination with periods under the dew point occur.

Processing

Tectyl 121-LV is an easy to apply, elastic, protective underbody coating.

Multi-functional

Tectyl 121-LV can be applied on many different vehicles, such as cars, trucks, busses, campers and construction equipment, but also trailers and caravans.

Multiple substrates

The underbody coating can also be used on different substrates, such as the wooden underside of a camper or caravan.

CORPRO

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Tectyl™ 121-LV

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. Comply with local regulations. Do not discharge into drains, soil or water.

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™ 121-LV	
Operating Temperature Range when dried and cured	max. 180°C
Flash Point	40°C PMCC
Density @ 20°C	1.03 kg/ltr
Theoretical Coverage @ Recommended dry film thickness	2.1 sqm/ltr
Viscosity (Brookfield @ 25°C) @ 2 RPM	30000 mPa·s (cP)
Viscosity (Brookfield @ 25°C) @ 20 RPM	8000 mPa·s (cP)
Non Volatile Weight	65%
Drop/Melting Point	200°C
Dry to Touch @ 20°C	3 hours
Cure Time @ 20°C	24 hours
Storage Temperature	10 - 35°C
Application Temperature	10 – 35°C
VOC Content ISO 11890–2 (10.4)	354 g/ltr

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Storage

Tectyl 121-LV should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 121-LV. Mild agitation is recommended prior to use. Due to its composition Tectyl 121-LV can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 121-LV 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

November 09, 2026

Validity

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

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