

Underbody Coatings

121-LV



High-Performance Corrosion Protection

Versatile Application

Heat & Condensation Resistant

Tough & Abrasion Resistant

Black Protective Finish

PL Pail Can
20L

DR - Drums
200L

BL
Bulk Truck

Description:

Tectyl™ 121-LV is a wax/asphaltic-based, solvent cutback, thixotropic corrosion preventive compound. It is designed for complete undercoating of vehicles, trailers, heavy equipment, and cargo containers, and is also ideal for industrial structures such as ovens and chimneys exposed to high temperatures and severe condensation. The coating cures to a firm, black, resilient, and abrasion-resistant film, ensuring durable protection in demanding environments.

Properties:

Tectyl™ 121-LV features a low-viscosity formulation allowing excellent penetration into seams, joints, and overlapping areas. The coating ensures controlled film formation and good adhesion to metal substrates. Its balanced composition enables effective moisture displacement and consistent protection on complex geometries.

Advantages:

- ▶ Low-viscosity for superior penetration
- ▶ Effective corrosion protection on complex structures
- ▶ Uniform thin-film coverage
- ▶ Good adhesion to ferrous metal surfaces
- ▶ Suitable for professional and industrial use

Application areas:

- ▶ Heavy-duty truck underbody components
- ▶ Trailer chassis and structural elements
- ▶ Off-road vehicles exposed to moisture and dirt
- ▶ Industrial metal constructions with overlapping joints
- ▶ Corrosion prevention in areas requiring deep penetration



Product	Tectyl 121-LV	Colour	Black
Base Chemistry	Wax/Asphaltic	Indoor Protection (months)	36
Carrier	Solvent	Outdoor Protection (months)	21
Application Method	Low Pressure Airspray	Packaging	PL 20L, DR 200L, Bulk Truck



This Application Guide is intended as a general guideline only and is based on our current technical knowledge and experience. The information provided is believed to be accurate; however, it is given without warranty, express or implied, including any warranty of merchantability or fitness for a particular purpose. Actual application conditions, surface preparation, and environmental factors may vary and are beyond our control. Users are responsible for evaluating the suitability of the product and the application method for their specific requirements prior to use.



Advised application for Tectyl 121-LV is an airless application.

Tectyl™ 121-LV

Applicator:

- ▶ Airless spraygun
- ▶ Minimum Inlet pressure: 345 bar
- ▶ Z-swivel
- ▶ Reversible nozzle (depending on object): 311-415
- ▶ Pump ratio between: 28:1 till 50:1
- ▶ Pump material: normal carbon steel
- ▶ Packings: PE and/or PTFE
- ▶ Recommended spraying pressure: 100 - 210 bar
- ▶ Spraying distance: 15 - 25 cm.
- ▶ Material hose diameter: ¼" at 7.5 meters
- ▶ Clean equipment after spraying: white spirit



Pump example:

- Graco Fireball 50:1
- ▶ Maximum working pressure: 580 bar
 - ▶ Fluid pressure ratio: 50:1
 - ▶ Air operating range: 3-9.7 bar
 - ▶ Air consumption: 0.638 m³/min
 - ▶ Volume per pump cycle: 0.0109 liters
 - ▶ Maximum recommended pump speed: 76 cpm



Tectyl 121-LV can also be applied with a brush.

Attention:

- ▶ Before operating a pump, read the manufacturer's recommendations on maximum pressures and operating instructions.
- ▶ Before removing any part of the equipment, shut off pump and discharge contents of gun.

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