

## Underbody Coatings



# Tectyl™ 120-EH

- Extra Heavy Protection
- Wide Application Range
- Tough & Abrasion Resistant
- Bronze-Colored Finish
- Thixotropic Formulation

<b>KEG</b> 59L	<b>DR - Drums</b> 200L	<b>IBC</b>
-------------------	---------------------------	------------

## Description:

Tectyl™ 120-EH is an extra heavy, wax/asphaltic-based, solvent cutback, thixotropic corrosion preventive compound. Designed for complete undercoating of vehicles, trailers, heavy equipment, and cargo containers, it is a flexible, bronze-colored film that is highly resilient, tough, and abrasion resistant, ensuring long-lasting protection in demanding conditions.

## Properties:

Tectyl™ 120-EH features a high-build formulation enabling effective coverage and uniform film thickness on complex structures. The coating demonstrates good adhesion to metal substrates and provides reliable resistance against mechanical impact, moisture, and environmental exposure. The cured film remains tough and protective under severe operating conditions.

## Advantages:

- ▶ High-build protective coating
- ▶ Strong mechanical and abrasion resistance
- ▶ Reliable long-term corrosion protection
- ▶ Good adhesion to metal surfaces
- ▶ Suitable for severe service environments

## Application areas:



- ▶ Heavy-duty truck underbodies
- ▶ Trailers and semi-trailers
- ▶ Off-road and construction vehicles
- ▶ Agricultural and industrial equipment
- ▶ Cargo containers exposed to harsh climates

<b>Product</b>	Tectyl 120-EH	<b>Colour</b>	Dark Brown
<b>Base Chemistry</b>	Wax/Asphaltic	<b>Indoor Protection (months)</b>	36
<b>Carrier</b>	Solvent	<b>Outdoor Protection (months)</b>	21
<b>Application Method</b>	Airless High Pressure	<b>Packaging</b>	KEG 59L, DR 200L, IBC



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 120-EH is an airless application.



## Applicator:

- ▶ Airless spraygun
- ▶ Minimum Inlet pressure: 345 bar
- ▶ Z- swivel
- ▶ Reversible nozzle (depending on object): 315-417
- ▶ Pump ratio between: 30:1 till 65:1
- ▶ Pump material: normal carbon steel
- ▶ Packings: PE and/or PTFE
- ▶ Recommended spraying pressure: 160 - 250 bar
- ▶ Spraying distance: 20 - 30 cm.
- ▶ Material hose diameter: ¼" at 7.5 meters
- ▶ Clean equipment after spraying: white spirit.



## Pump example:

Graco Fireball 50:1

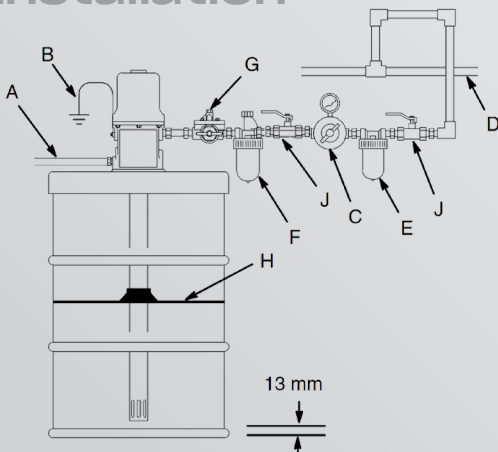
- ▶ Maximum working pressure: 580 bar
- ▶ Fluid pressure ratio: 50:1
- ▶ Air operating range: 3-9.7 bar
- ▶ Air consumption: 0.638 m3/min
- ▶ Volume per pump cycle: 0.0109 liters
- ▶ Maximum recommended pump speed: 76 cpm



## 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.

## Installation



- KEY**
- A Fluid dispense line
  - A Pump ground wire (required)
  - C Air regulator
  - D Main air supply line
  - E Air line fiber
  - F Air line lubricator
  - G Pump runaway valve
  - H Follow plate
  - J Blood-type Master Air Valve (required)

[www.tectyleurope.com](http://www.tectyleurope.com)