

General Corrosion Preventive



Tectyl™ 506-WD

-  Excellent Water Displacement
-  Perfect for Underbody Coating
-  Versatile Applications
-  Long-Term Storage & Shipment
-  Durable Film

 **PL Pail Can**
20L

 **DR - Drums**
203 L

Description:

Tectyl™ 506-WD is the water displacing version of Tectyl™ 506 – a premium, solvent cutback, wax-based, thixotropic corrosion preventive compound. Specially designed for long-term protection of ferrous and non-ferrous metals, it is ideal for underbody coating of automobiles, trucks, trailers, and more. Suitable for automotive, marine, industrial, and household use, as well as indoor/outdoor storage and long-haul shipments. The cured film is dark amber, waxy, resilient, and relatively firm.

Properties:

Tectyl™ 506-WD features a thixotropic formulation that allows controlled application and stable film build on vertical and irregular surfaces. The coating penetrates seams and overlaps while forming a durable barrier against environmental exposure. Its composition enables protection even when minor residual moisture is present on the substrate.

Advantages:

- ▶ Water-displacing protection for metal surfaces
- ▶ Strong adhesion to ferrous and non-ferrous metals
- ▶ Suitable for demanding outdoor environments
- ▶ Reliable corrosion protection during storage and transport
- ▶ Effective coverage on complex structures and assemblies

Application areas:



- ▶ Vehicle underbodies and chassis components
- ▶ Trucks, trailers and transport equipment
- ▶ Marine hardware exposed to moisture and salt environments
- ▶ Industrial machinery and metal constructions
- ▶ Metal parts stored outdoors or transported over long distances

Product	Tectyl 506-WD
Base Chemistry	Wax
Carrier	Solvent
Application Method	Low Pressure Airspray

Colour	Amber
Indoor Protection (months)	24
Outdoor Protection (months)	12
Packaging	PL 20L, DR 203L



Advised application for Tectyl 506-WD is a low pressure airspray application.

 Tectyl™
506-WD

Applicator:

Low pressure airspray system

- ▶ A low pressure air spray gun mounted with a 1.2mm nozzle.
- ▶ Pump ratio between: 1:1 till 3:1
- ▶ Pump material: normal carbon steel
- ▶ Packings: PE and/or PTFE
- ▶ Recommended spraying pressure: 4 – 6 bar
- ▶ Recommended air pressure: 4 – 6 bar
- ▶ Material hose diameter: ¼" at 7.5 meters
- ▶ Air hose diameter: ¼" at 7.5 meters
- ▶ Clean equipment after spraying: white spirit



Pump example:

If a pump is required our advice is a Graco low pressure air spray pump with a ratio of 1:1 till 3:1. A good example is a graco Fireball 1:1 or a Eagle 3:1.

Tectyl 506-WD is also suited to be applied by all low pressure application equipment, like low pressure sprayguns, it is even possible to apply by brush, although it will be difficult to control the layer thickness in that situation.

Important:

- ▶ The surface to be treated must be clean, dry, and free from dust, mill scale, and other contaminants. Prior to application, it is recommended to clean the surface using clean compressed air to remove loose particles.
- ▶ All areas of the structure should be treated, including sections that will become inaccessible after assembly. Special attention should be given to contact areas where different types of metals meet. These areas should be coated prior to assembly to help prevent galvanic corrosion.
- ▶ Tectyl™ 506-WD possesses water-displacing properties. This means the product can displace small amounts of residual moisture from the surface during application. However, the substrate should not be excessively wet or soaked with water prior to treatment.

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