

Cavity Waxes



Tectyl™ 558-AMC

- Durable Shield
- Water-Displacing Action
- Primer-Ready
- Automotive-Grade Corrosion Protection
- Precision Spray Application



Description:

Tectyl™ 558-AMC is an amber-colored, solvent cutback, slightly thixotropic wax-based corrosion preventive compound with excellent water-displacing properties. It is specially formulated for spray application to protect enclosed boxes, seams, joints, and other creviced locations in vehicles that are highly susceptible to corrosion. Designed for use as a primer coat in two-layer protection systems, Tectyl™ 558-AMC is ideal under several solvent-based Tectyl™ products, such as Tectyl™ 120 or Tectyl™ 120H. Tectyl™ 558-AMC cures to a dark amber, translucent, waxy, semi-firm, slightly tacky film.

Properties:

Tectyl™ 558-AMC provides a uniform base layer with good adhesion to metal substrates, supporting subsequent coating systems. The formulation allows effective penetration into seams and overlaps while maintaining stable film formation on complex geometries.

Advantages:

- ▶ Ideal primer for multi-layer corrosion protection systems
- ▶ Excellent water-displacing performance
- ▶ Good adhesion to metal surfaces
- ▶ Supports enhanced performance of topcoat systems
- ▶ Suitable for complex and enclosed structures

Application areas:

- ▶ Enclosed vehicle box sections and structural cavities
- ▶ Seams, joints and overlapping metal surfaces
- ▶ Vehicle chassis and body structures prior to topcoat application
- ▶ Industrial components requiring multi-layer protection
- ▶ Areas exposed to high corrosion risk environments



Product	Tectyl 558-AMC	Colour	Dark Brown
Base Chemistry	Oil/Wax	Indoor Protection (months)	18
Carrier	Solvent	Outdoor Protection (months)	6
Application Method	Low Pressure Airspray	Packaging	KEG 59L, DR 203L



Advised application for Tectyl 558-AMC is a low-pressure air spray application.

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Applicator:

Low-pressure air spray 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 558-AMC is also suitable for application with all low-pressure equipment, such as low-pressure spray guns. It can also be applied by brush, although controlling the coating thickness may be difficult in that case.

Important:

- ▶ Surfaces 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 before application.
- ▶ Ensure all cavities are fully treated, including areas that will become inaccessible after assembly.
- ▶ Apply to contact areas between different metals prior to assembly to help prevent galvanic corrosion.



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