

Cavity Waxes

Tectyl™ 4D750



Ultra-Low VOC

Deep Penetration

Hollow Section Protection

Versatile Industrial Use

Semi-Soft Protective Film



Description:

Tectyl™ 4D750 is a premium, ultra-low VOC resin/oil-based corrosion preventive compound with a minimum of volatile organic components. Designed for industrial use, it provides excellent penetration into folds, flanges and cracks, making it ideal for protecting inside car doors, hollow sections of vehicles, and other rolling equipment. The product offers reliable long-term protection while being more environmentally responsible. It cures to a light yellow, translucent, semi-soft film.

Properties:

Tectyl™ 4D750 features a low-viscosity formulation that enables deep penetration into narrow cavities and complex geometries. The coating spreads effectively across internal surfaces, forming a continuous protective layer. Its composition supports controlled application in enclosed areas while maintaining coverage on hidden metal surfaces.

Advantages:

- ▶ Ultra-low VOC formulation
- ▶ Excellent penetration into cavities and seams
- ▶ Suitable for complex and enclosed structures
- ▶ Reliable long-term internal corrosion protection
- ▶ Improved environmental profile

Application areas:

- ▶ Internal cavities of vehicle doors
- ▶ Hollow sections of cars and transport equipment
- ▶ Structural seams, folds and flanges
- ▶ Industrial components with enclosed geometries
- ▶ Metal parts requiring internal corrosion protection



Product	Tectyl 4D750	Colour	Light Yellow, Transparent
Base Chemistry	Oil/Resin	Indoor Protection (months)	36
Carrier	Non-solvent	Outdoor Protection (months)	N/A
Application Method	Low Pressure Airspray	Packaging	PL 20L, 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 4D750 is a low-pressure air spray application.



Applicator:

Low pressure air spray system

- ▶ 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 pump fitted with a low-pressure air spray gun mounted with a quick release coupling for the hook nozzle.

Important:

- ▶ The applied surface must be free of dust and mill scale and clean.
- ▶ Before application it is better to clean the surface with clean pressured air.
- ▶ Every cavity should be treated, also the areas which are closed after mounting the rest of the construction.
- ▶ Also the areas where different types of metal are in contact together should be treated before the mounting to prevent galvanic corrosion.

Application:

A good application of Tectyl 4D750 is with a pressure cup gun Type Sata HRS with a hook nozzle. With this equipment it is possible to reach every area of the construction. The air pressure on the gun should be regulated to 2,5 till 4 bar of air pressure.

Tectyl 4D750 is also suited to be applied by an electronic controlled dosing equipment.



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