

General Corrosion Preventive

Tectyl™ 5506W-I



- Long-Term Protection
- Eco Alternative
- Water-Based & Non-Flammable
- Quick Drying
- Versatile Use

- PL Pail Can 20L
- DR - Drums 200 L

Description:

Tectyl™ 5506W-I is a premium, water-based, quick-drying, general-purpose polymer/wax-based corrosion preventive compound. It provides long-term protection for metallic surfaces against corrosion in both indoor and outdoor environments, making it ideal for machinery, machine rolls/tools, dies, tubing, and spare parts. Developed as the water-based alternative to the Tectyl™ 506 range, it is non-flammable and environmentally safer. Cures to a clear to light yellow/amber, translucent, firm, and elastic film.

Properties:

Tectyl™ 5506W-I forms a flexible protective film that adheres well to metal substrates and maintains stability during environmental exposure. The water-based formulation allows uniform application and controlled film formation while supporting safe handling and reduced solvent emissions.

Advantages:

- ▶ Water-based alternative to solvent-based corrosion protection
- ▶ Non-flammable formulation
- ▶ Flexible protective film with good adhesion
- ▶ Suitable for indoor and outdoor protection
- ▶ Reliable protection for industrial components and stored parts

Application areas:

- ▶ Industrial machinery and equipment
- ▶ Machine rolls, tools and dies
- ▶ Metal pipes and tubing
- ▶ Spare parts during storage and transport
- ▶ Metal structures exposed to outdoor conditions



Product	Tectyl 5506W-I	Colour	Amber
Base Chemistry	Polymer Dispersion	Indoor Protection (months)	48
Carrier	Water-based	Outdoor Protection (months)	36
Application Method	Airless/ Low Pressure Airspray	Packaging	PL 20L, DR 200L



Advised application for Tectyl 5506W-I is an airless or low airspray application.

Tectyl™ 5506W-I

Applicator:

Airless spraygun

- ▶ Minimum Inlet pressure: 345 bar
- ▶ Z-swivel
- ▶ Reversible nozzle (depending on object): 209-413
- ▶ Pump ratio between: 28:1 till 36:1
- ▶ Pump material: stainless steel
- ▶ Packings: PE and/or PTFE
- ▶ Recommended spraying pressure: 80 - 120 bar
- ▶ Spraying distance: 20 - 30 cm.
- ▶ Material hose diameter: ¼" at 7.5 meters
- ▶ Clean equipment after spraying: cold water
- ▶ It is also possible to apply with a brush.



Airless pump example:

Graco Merkur 30:1

- ▶ Maximum working pressure: 210 bar
- ▶ Fluid pressure ratio: 30:1
- ▶ Air operating range: 3-9.7 bar
- ▶ Volume per pump cycle: 0.100 liters
- ▶ Maximum recommended pump speed: 60 cpm



Low pressure air spray application:

If a pump is required our advice is a Graco low pressure air spray pump with a ratio of 1:1 till 3:1. Also a membrane pump with the right membranes can be used as a feeding pump.

A good example is a Graco Fireball 1:1 or a Eagle 3:1 pump fitted with a low pressure air spraygun mounted with a 2 mm nozzle.

A Gravity feed paint gun with a 2.2 mm nozzle fitted can also be used, the air pressure setting should be between 4 till 5 bars.

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.

www.tectyleurope.com