

## Underbody Coatings



# Tectyl™ 5660W FR

Corrosion & Abrasion Protection

Water-Based & Non-Toxic

Fire Resistant

Sound & Vibration Damping

Quick Drying

Dark-Grey Durable Finish

DR - Drums  
190 L

## Description:

Tectyl™ 5660W FR is a premium, high non-volatile, waterborne, thixotropic corrosion preventive compound with fire resistance specification. Specially developed as an abrasion-resistant, sound-damping underbody coating for buses, truck cabins, trains, and trams requiring EN 45545 HL2 classification, it is also suitable for containers, trailers, and various industrial applications. The coating cures to a dark-grey, tough, resilient, and abrasion-resistant film, effectively reducing vibration and radiated noise while offering exceptional aging performance.

## Properties:

Tectyl™ 5660W FR features a high-solid, water-based formulation with controlled rheology for stable film build on vertical and complex surfaces. The coating provides structural damping by dissipating vibrational energy while maintaining mechanical integrity under long-term service exposure. It complies with fire performance requirements for rail applications according to EN 45545 HL2.

## Advantages:

- ▶ EN 45545 HL2 compliant for rail applications
- ▶ Fire-resistant specification
- ▶ High abrasion and mechanical resistance
- ▶ Combined corrosion protection and sound damping
- ▶ Long-term durability and aging stability

## Application areas:

- ▶ Rail vehicles including trains and trams
- ▶ Bus and coach underbodies
- ▶ Truck cabins and transport structures
- ▶ Containers and trailers
- ▶ Industrial structures requiring fire-rated protection



|                    |                    |                             |           |
|--------------------|--------------------|-----------------------------|-----------|
| Product            | Tectyl 5660W FR    | Colour                      | Dark Grey |
| Base Chemistry     | Polymer Dispersion | Indoor Protection (months)  | 12        |
| Carrier            | Water-based        | Outdoor Protection (months) | 12        |
| Application Method | Airless            | Packaging                   | DR 190L   |



Advised application for Tectyl 5660W FR is an airless application.

## Tectyl™ 5660W FR

### Applicator:

- ▶ Airless spraygun
- ▶ Minimum Inlet pressure: 345 bar
- ▶ Z-swivel
- ▶ Reversible nozzle (depending on object): 215–521
- ▶ Pump ratio between: 36:1 till 65:1
- ▶ Pump material: stainless steel
- ▶ Packings: PE and/or PTFE
- ▶ Recommended spraying pressure: 180 – 240 bar
- ▶ Spraying distance: 20 – 30 cm.
- ▶ Material hose diameter: 3/8" at 7.5 meters and 1/4" at 3 meters
- ▶ Cold water
- ▶ Clean equipment after spraying:



### Pump example:

- Pump fitted with a following plate and 2 post ram unit
- ▶ Maximum working pressure: 580 bar
  - ▶ Fluid pressure ratio: 52:1
  - ▶ Air operating range: 3–9.7 bar

Or Graco Merkur 36:1.



### 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.



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