

Underbody Coatings



Tectyl™ 5638W

- Water-Based Formulation – Eco-friendly
- Effective Sound & Vibration Reduction
- Fast Drying
- Versatile Application Methods
- Paintable Surface
- Anti-slip properties



Description:

Tectyl™ 5638W is a premium, water-based sound damping compound, free from organic solvents. It is fast drying and cures to a black, hard film, making it ideal for industrial applications on vehicles, trains, ventilation systems, containers, machinery, and heating equipment. Suitable for reducing sound and vibration on parts such as doors, hoods, and gear coverings, it can be applied by spatula or spray and painted over with synthetic resin-, epoxy-, or PVC-based paints.

Properties:

Tectyl™ 5638W features a high-solid, water-dispersed formulation designed for controlled film build and consistent thickness. The cured layer provides structural damping by reducing panel resonance and vibration transmission. The coating maintains dimensional stability and mechanical integrity under normal service conditions.

Advantages:

- ▶ Solvent-free formulation
- ▶ Effective structure-borne noise reduction
- ▶ Compatible with common industrial paint systems
- ▶ Suitable for manual and spray application
- ▶ Environmentally conscious alternative to solvent-based systems

Application areas:

- ▶ Vehicle body panels and interior structures
- ▶ Rail and rolling stock components
- ▶ Industrial ventilation systems
- ▶ Machinery housings and equipment casings
- ▶ Containers and heating system covers



Product	Tectyl 5638W	Colour	Dark Grey
Base Chemistry	Polymer Dispersion	Indoor Protection (months)	24
Carrier	Water-based	Outdoor Protection (months)	9
Application Method	Airless	Packaging	PL 20L



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 5638W is an airless application.

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Applicator:

- ▶ Airless spraygun
- ▶ Minimum Inlet pressure: 345 bar
- ▶ Z-swivel
- ▶ Reversible nozzle (depending on object): 227-435
- ▶ Pump ratio between: 50:1 till 65:1
- ▶ Pump material: stainless steel
- ▶ Packings: PE and/or PTFE
- ▶ Recommended spraying pressure: 200 - 325 bar
- ▶ Spraying distance: 20 - 30 cm.
- ▶ Material hose diameter: ½" at 7.5 meters and 3/8" at 3 meters
- ▶ Clean equipment after spraying: cold water



Pump example:

- Pump fitted with a following plate and 2 post ram unit
- ▶ Maximum working pressure: 580 bar
 - ▶ Fluid pressure ratio: 60:1
 - ▶ Air operating range: 3-9.7 bar



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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