



# TECTYL™ TRANSPORTATION SOLUTIONS

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# TECTYL™ PROTECTIVE COATINGS

## THE DRIVING FORCE FOR THE TRANSPORTATION INDUSTRY

**TECTYL™ UNDERBODY AND HOLLOW-SECTION PROTECTIVE COATINGS HAVE BEEN EXTENDING THE WORKING LIFE OF VEHICLES AND PROTECTING THEM DURING OVERSEAS SHIPPING AND LONG-TERM STORAGE FOR MORE THAN 80 YEARS. THE TECTYL NAME IS SYNONYMOUS WITH QUALITY COATINGS THAT ARE EASY TO APPLY, LONG-LASTING AND BACKED UP BY A KNOWLEDGEABLE CUSTOMER SUPPORT ORGANIZATION**



### **Protect your product's reputation with Tectyl**

Even the most advanced paint coatings and plating techniques cannot guarantee total corrosion protection for steel in bus, truck, railway, automotive and other transportation applications. Rugged conditions, extremes of temperature and weather, salt and other minerals will eventually get through hard finishes and corrosion will take hold. The solution is to protect potentially vulnerable surfaces, cavities, seams and joints by applying specially formulated Tectyl products. This will keep corrosion away for years in all situations.

### **Sound damping**

Our many years' experience in developing corrosion prevention coatings has also led to breakthroughs in other transportation applications, including coatings that significantly reduce noise and distracting vibrations. Both drivers and passengers in railway transport confirm that the application of sound damping has contributed to a more pleasant environment .

### **Underbody coating**

Due to the friction between wheels and railway track or road surface, stones, sand and other loose parts hit the wheel arches and the underbody at high speed. By creating an elastic coating on the underside of the vehicle, Tectyl underbody coatings provide an excellent protection against stone chipping. This prevents the start of many corrosion problems.



## WHERE TECTYL MAKES A DIFFERENCE

**Tectyl protective coatings for the transportation industry are used by leading manufacturers who build products for all conditions. They provide underbody, chassis and cavity protection for extra long-life and enable you to confidently give an extended warranty. Tectyl products also meet today's and future environmental legislation.**

### **Truck trailers**

Truck trailers are faced with the same operating conditions as trucks, and therefore need to be as well protected. Tectyl also gives extra protection to hydraulic and electrical parts of specialty trailers.

### **Passenger cars and light commercial vehicles**

Although most modern cars and light commercial vehicles are manufactured to very high standards in terms of corrosion protection, they still need temporary protection during shipping – where they are often exposed to potentially corrosive environments on board ships for extended periods. All Tectyl coatings are easy to apply, and when the vehicles are ready to go to customers, the coatings are also

easily removed. Importers and dealers can also increase customer satisfaction by offering extra corrosion protection – particularly in countries where winter roads are strewn with salt – and by applying sound damping to enhance the driving experience.

### **Snow moving vehicles and equipment**

Snow moving vehicles and equipment (for example at airports) are particularly vulnerable to corrosion damage since they only work for a few months in very harsh winter conditions and then go into storage for the rest of the year. This contributes to rapid deterioration of expensive moving parts. A Tectyl coating considerably extends the working life and reduces costly service when putting the equipment back into service a year later.

### **Road sweepers and municipal fleets**

Another category of equipment that typically has periodic use with extended pauses between uses is road sweepers and other vehicles in municipal fleets. Again, A Tectyl coating treatment will prolong the operational life of these vehicles as well as reduce the maintenance costs.

# WHY CHOOSE TECTYL?



## **A sound business investment**

Choosing Tectyl means you have the reassurance of a market-leading brand with a reputation for reliability and quality. Our proven coatings not only protect your products, they also protect your company's reputation. Using Tectyl is a sound business investment as it can reduce potentially costly warranty repairs and extend the lifetime of your products.

## **Know-how and experience**

Thanks to over 80 year of experience in the in the metal protection business and a proven track record in a wide range of industries and applications, you can be confident that we have the know-how and experience to help you choose the best product for your application.

## **Customer support**

Our customer support goes much further than simply helping you choose the best product for your corrosion protection requirements, we also provide expert guidance in application techniques such as spraying and dipping, commissioning production line equipment, and provide service and maintenance programs.



## **A product that exactly matches your needs**

With so many dedicated solutions for the transportation industry – covering permanent and temporary (transport and long-term storage) applications – there is one that exactly matches your needs. The range includes water based, non-solvent based and solvent based compositions and they can be specified in a range of film hardness grades (resin, hard, thixotropic, semi-soft, semi-firm, soft, oil, wax). You also have a choice of appearances and colours, such as clear, transparent, colourless, black, grey, tan, bronze, and more.

## THE BENEFITS OF USING TECTYL

### **Excellent adhesion**

Because Tectyl is formulated for an active polar-bound coating that bonds to the surface, it gives predictable performance during the required protection period. This preserves the value, quality and functionality of industrial products during storage, transportation and down-time.

### **Various consistencies available**

The Tectyl products include soft, semi-soft and semi-firm grades that remain flexible so they do not crack or break. These products also offer protection against stone impact. Where extra resistance to abrasion is required, hard grades of Tectyl can be specified.

### **Long-term protection**

Depending on the application, Tectyl products can give protection ranging from some months to many years. Our products for long-term protection are extremely durable,

while the products for temporary protection are easy to remove when needed.

### **Film types**

The full range of types includes types for general industrial applications. By offering bitumen, oil, wax and resin, greasy, flow characteristics and layer thickness requirements can easily be met. In addition to aerosols, various application techniques can be used for larger quantities of after-market Tectyl products. In addition to coloured and opaque types, there are also clear and transparent Tectyl products. This enables visual inspection after application (for example, on delivery) as well as later in operating life.

# PROVEN RUST PREVENTION AROUND THE WORLD

# TRANSPORTATION PRODUCT OVERVIEW



Tectyl Product	Application	Product category	Product characteristic	Colour	Abrasion resistance	Corrosion resistance	Penetration	Non dripping	Comments
Tectyl 1079	Paint protection	Solvent	Wax	White / Transp	*	*	N/A	N/A	Remove with white spirit within three months
Tectyl 120	UBC	Solvent	Wax/asphaltic	Dark Brown	***	***	*	***	
Tectyl 120-EH	UBC	Solvent	Wax/asphaltic	Dark Brown	***	***	*	***	
Tectyl 121-LV	UBC	Solvent	Wax/asphaltic	Black	***	***	*	***	
Tectyl 122-A	UBC	Solvent	Wax/asphaltic	Black	**	***	*	**	
Tectyl 125	UBC	Solvent	Wax/asphaltic	Black	***	***	N/A	**	
Tectyl 210 EH	Hollow sections	Solvent	Wax	Light brown	N/A	****	**	****	
Tectyl 210-R	Hollow sections	Solvent	Wax	Light brown	N/A	***	**	**	
Tectyl 300G Black E	General protection	Waterbased / Co-solvent	Resin	Black	***	***	*	**	Hard, paint-like transparent coating, non-removable
Tectyl 300G Clear E	General protection	Waterbased / Co-solvent	Resin	Transparent	***	***	*	**	Hard, paint-like transparent coating, non-removable
Tectyl 3217 E	Engine protection	Waterbased / Co-solvent	Copolymer dispersion	Transparent	***	***	*	**	Hard, paint-like transparent coating, non-removable. Does not discolour until 180°C
Tectyl 435-D	General protection	Non-solvent	Apply when hot	Brown	**	***	**	*	
Tectyl 472	General protection	Solvent	Oil	Transparent	N/A	***	****	*	Very thin film possible (3 micron)
Tectyl 477-D	General protection	Non-solvent	Oil concentrate	Transp/Amber	N/A	***	**	***	
Tectyl 4D750	Hollow sections / General protection	Non-solvent	Oil/resin	Light brown	N/A	****	****	**	Chemical drying
Tectyl 4D750 Brown OEM	Hollow sections / General protection	Non-solvent	Oil/resin	Brown	N/A	****	****	**	
Tectyl 502-C	General protection	Solvent	Oil/wax	Light brown	N/A	***	***	N/A	Disolves in engine or gearbox oil.
Tectyl 502-C EH	General protection	Solvent	Oil/wax	Light brown	N/A	****	***	**	Disolves in engine or gearbox oil.
Tectyl 511-M	General protection	Solvent	Oil	Brown / Transp	*	****	****	*	
Tectyl 558 AMC	Hollow sections	Solvent	Wax	Light brown	N/A	***	***	***	
Tectyl 5638W	Sound damping	Waterbased	Resin	Dark grey	****	*	N/A	****	Stainless equipment required. Damping of vibrations of metal surfaces. Use ram with follow-plate for application
Tectyl 5660W	UBC	Waterbased	Copolymer dispersion	Dark grey	****	***	N/A	****	
Tectyl 5661W	UBC	Waterbased	Copolymer dispersion	Dark grey	****	***	N/A	****	Designed for direct to metal application
Tectyl 5750W	UBC	Waterbased	Bitumen polymer dispersion	Black / Grey	****	*	N/A	****	Stainless equipment required. Pump capacity 150 cc per double stroke
Tectyl 5765W OEM	UBC	Waterbased	Bitumen polymer dispersion	Dark grey	***	*	N/A	****	
Tectyl 5765W-A	UBC	Waterbased	Copolymer dispersion	Dark Grey	****	*	N/A	****	Stainless equipment required. Can be applied on PVC
Tectyl 800-D	General protection	Oil	Oil	N/A	N/A	**	***	N/A	Phosphating after removal possible
Tectyl 802-A	General protection	Non-solvent	Oil	N/A	N/A	****	N/A		
Tectyl 810	General protection	Non-solvent	Oil	N/A	N/A	***	N/A	***	Military approvals
Tectyl 858-F	General protection	Non-solvent	Grease	Amber	N/A	****	N/A	****	Military approvals
Tectyl 859-B	General protection	Solvent	Oil	N/A	N/A	****	****	N/A	Approved according MIL-PRF-46002C, Class 1
Tectyl 900	General protection	Oil	Oil	N/A	N/A	**	***	N/A	Approved according MIL-PRF-32033
Tectyl 910	Engine protection	Oil	Oil	N/A	N/A	****	N/A	N/A	Internal protection. For use in gearboxes
Tectyl 915W40	Engine protection	Oil	Oil	N/A	N/A	***	N/A	N/A	Internal protection. Engine oil for engines in storage or transport
Tectyl 930	Engine protection	Oil	Oil	N/A	N/A	****	N/A	N/A	Internal protection. For use in engine where SAE 30 is specified
V-Damp 3680	Sound damping	Waterbased	Copolymer dispersion	Light brown	N/A	N/A	N/A	****	Only for indoor application

## Innovative solutions, service and expertise

Since 1930, customers around the world have chosen Tectyl for innovative solutions, service and expertise – making it the driving force in rust protection. The Tectyl brand is owned by Ashland Consumer Markets (Valvoline) in Europe, the Middle East and Africa. Ashland Consumer Markets is part of Ashland Inc., one of the largest independent international oil companies in the world with sales and operations in more than 100 countries.

## Listening to customers is the key to quality

Through extensive market research, product development and quality control, we can supply exactly the right Tectyl product for almost every kind of preservation process. Tectyl users include:

- **Original equipment manufacturers (OEMs) of passenger cars, trucks, buses and railway stock**
- **General manufacturing industries such as spare parts, pumps, generators and engines**
- **The concrete industry, military applications, containers and power generation**
- **After-market consumers and small businesses to extend the life of vehicles**

## A complete range

Tectyl products are formulated in a variety types, ranging from thin, clear coatings and heavy-duty wax to black bituminous products. Available in non-solvent or waterborne formulations for conditions where products with a high solvent content are not permitted for environmental, health or safety reasons. The Tectyl product range also includes a sound-damping product line with applications in industries where sound inducing vibrations need to be reduced.

## An active rust preventive barrier

Tectyl protective coatings adhere strongly to metal surfaces, forming an active rust preventive barrier. There are types that are engineered for short- as well as long- term protection, and for indoor and outdoor applications. Tectyl helps metal surfaces resist the effects of moisture, salt spray and even harsh corrosives. These properties have resulted in many types of Tectyl products with multi-functional performance.