

PRODUCT INFORMATION



Valvoline Performance Products – Tectyl

Version: TE054/02

Tectyl™ 5638W

Premium water based, sound dampener.

TECTYL 5638W is a water dispersed special filler/binder, sound damping compound and is **free from organic solvent**.

TECTYL 5638W is very suitable for industrial application on cars, trains, and other rolling equipment.

TECTYL 5638W can also be used for sound reduction on vehicle parts (doors, hoods, gear coverings, etc.), air ventilation systems, containers (for glass, garbage, etc.), machine constructions and boiler covers in the heating sector.

TECTYL 5638W can be applied with a spatula or with special spray equipment.

TECTYL 5638W can be painted over, when dry, with synthetic resin-, epoxy- and PVC-based paints

TECTYL 5638W is fast drying (by evaporation of water) to a black, hard film.

Approvals/Performance levels

Tectyl 5638W

Dry Time @ 20°C / 50% R.H.:

For a thickness of 4 mm wet, ± 20 hours
(40°C = 8 hours, 60°C = 3 hours, drying temperatures up to 80°C are possible).

Acoustic properties (DIN 5340):

‘Oberst’ sound loss factor of 0.1 to 0.3.
Depending on the thickness applied, a sound loss factor of 0.1 is generally considered adequate.

Fire Properties tested according to DIN 54837 @ 1mm DFT on a steel sheet:

DIN 5510-2 Classification: S4, SR2, ST2

Chemical resistance @ 20°C:

Aliphatic solvents, oils and water.

Applications

Surface Preparation:

The maximum performance of **TECTYL 5638W** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Non-galvanized steel and raw aluminum must be protected with an anti-corrosion primer prior to application of **TECTYL 5638W**.

Application:

TECTYL 5638W is formulated to be used as supplied. Ensure uniform consistency prior to use. Avoid contamination with other products in pumps and lines. Valvoline recommends that the ambient and product temperature be 20-25 °C at the time of product application. To small areas **TECTYL 5638W** can be applied with a spatula. For larger areas **TECTYL 5638W** spraying is advised. Valvoline recommends the use of a stainless steel airless spray system with a following plate, ratio of 50:1 till 60:1. DO NOT FREEZE **TECTYL 5638W** while curing.

Removal:

When in the wet phase **TECTYL 5638W** can be removed with (hot) water. When dry, **TECTYL 5638W** can only be removed with Ethyl Acetate.

Features & Benefits

Sound dampening

Tectyl 5638W dampens vibrations and reducing the sound.

Environment

Tectyl 5638W is a water based compound with a minimum amount of Volatile Organic Compound Content. The product is also pH neutral.

Tectyl
PROTECTIVE PRODUCTS

PRODUCT INFORMATION



Trusted since 1930

Since 1930, Tectyl™ protective coatings have been extending the operational life of cars, trucks, buses and other vehicles and equipment. The Tectyl name is synonymous with quality coatings that are easy to apply, long-lasting and easy to remove when no longer required.

For more information on Tectyl products, programs and services please visit www.tectyl-europe.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Tectyl specifications, variations in these characteristics may occur.

Tectyl 5638W	
Flashpoint, PMCC [°C]	Not applicable
Density @ 20°C [kg/ltr]	1,25
Recommended Wet Film Thickness (Depending on desired effect) [kg/m²]	2-5
Non Volatile [weight %]	79
Viscosity; Epprecht Rheomat, MS4 @ 20°C @ 200 RPM [mPa.s] [cP]	9000
pH @ 20°C	7
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	7

This information only applies to products manufactured in the following location(s): Europe

Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://sds.valvoline.com>

Protect the environment

Comply with local regulations. Do not discharge into drains, soil or water.

Storage

Tectyl 5638W should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Do not freeze! Due to its composition Tectyl 5638W can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 5638W is best before 12 months after production date.

Caution

Refer to the Safety Data Sheet for additional handling and first aid information.

Note

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus affecting the performance of this coating as stated in the Typical Properties section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Replaces – TE054/01

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Tectyl
PROTECTIVE PRODUCTS