

# Terotex-Wax

(anthracite)

Solvent Containing Coating Material as Anticorrosive Agent for Vehicle Underbodies for Repair and Secondary Treatment of all Protective Coatings

Basis: Wax

Status: 2000-04-10

## Product Description

Terotex-Wax is a solvent containing, bitumen free anticorrosive agent based on wax, polymers and anticorrosive additives. The product is applied with the Teroson UBC-Gun from 1 l cans, but can also be airless sprayed from drums. Due to its excellent sag resistance, the material can be applied up to a layer thickness of approx. 1 mm.

## Application Areas

Terotex-Wax is primarily used on vehicle underbodies, particularly for the treatment of all protective coatings, like those based on PVC, PVC/wax, bitumen/rubber and rubber/resins.

## Technical Data

|  | 1 l Can                              | Material in Drums              |
|--|--------------------------------------|--------------------------------|
| Colour:  | anthracite                           |                                |
| Odour:   | characteristic odour; like wax, mild |                                |
| Consistency:                                   | thick-flowing, thixotropic           |                                |
| Density:                                       | approx. 0.86 g/cm <sup>3</sup>       | approx. 0.87 g/cm <sup>3</sup> |
| Solids:  | approx. 48 %                         | approx. 50 %                   |
| Viscosity:                                     | approx. 250 mPa.s                    | approx. 350 mPa.s              |
| Equipment:                                     | Rheomat 15                           |                                |
| Measuring system:                              | A                                    |                                |
| Behaviour in the cold:                         | no cracking, no flaking off          |                                |
| Storage:                                       | 8 hrs -25°C                          |                                |
| Mandrel:                                       | 70 mm Ø                              |                                |
| Temperature resistance:                        | no running off up to 100°C           |                                |
| Corrosion resistance                           |                                      |                                |
| Salt spray test DIN 50021:<br>(dry film 50 µm) | minimum 400 hrs without rust         |                                |
| climate test DIN 50017-KK:<br>(dry film 50 µm) | minimum 400 hrs without rust         |                                |
| Application temperature:                       | 15°C to 25 °C                        |                                |
| Inservice teperature range:                    | -25°C to 80°C                        |                                |
| Short exposure (up to 1 h):                    | 100°C                                |                                |

## Preliminary remark

Prior to application it is necessary to read the Safety Data Sheet for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

## Pretreatment

Surfaces to be treated with Terotex-Wax have to be cleaned well and rust must be removed. The areas must be dry and free of grease, dirt and to a great extent free of dust. Terotex-Wax may only be

applied to dry surfaces. Coating materials based on resin/wax can lead to adhesion and compatibility problems with Terotex-Wax. Therefore, if applied to new vehicles, the underbody has to be steam jet cleaned from protection wax, or compatibility has to be assured by a test application. If applied to older vehicles, first remove existing rust with a wire brush.

### Temperature behaviour

The vehicle underbody should not be too cold in order to assure good spreading and good adhesion of the sprayed material. Temperature of material and underbody should be the same, not less than 15°C.

### General

On vertical surfaces, the underbody coating can be applied in one step. In order to avoid bare patches the material should be sprayed in criss-cross fashion. After drying over night the vehicle is ready for use again. For final drying 24–48 hours are necessary.

### Application from 1 l cans

Terotex-Wax is applied from 1 l cans with the Teroson-UBC gun (operating pressure approx. 3 bar). Prior to application the can should be shaken. Recommended coating thickness: approx. 0.5 mm wet. With this equipment a high spraying output with only little mist formation is achieved.

### Application with the pressure fed cup spray gun

Terotex-Wax can also be applied with a pressure fed cup spray gun when the venturi hook probe (16139 SATA) is used. Ideal application air pressure approx. 3 bar. With this venturi hook probe also areas difficult to reach can be coated very well, e.g. under the wheel house.

### Application from drums

Terotex-Wax is applied from drums with the Teroson Airless Equipment 1:17 GS (nozzle: 0.48 mm, pressure: 4 bar). Recommended thickness coating: approx. 1 mm wet.

### Application Equipment

For application from drums airless equipment is necessary. The Teroson Airless Equipment 1:17 is particularly designed for drum application. Because of its pressure ratio 1:17 the material pressure is 17 times the air pressure resulting in material pressures up to 120 bar. The output depends on the air pressure, preferably 5–6 bar.

### Warning

Do not spray on joints, engine, drive, cardan shaft, exhaust, catalyst and brake system. Blow out the Teroson-UBC gun immediately after use and finally purge it with Cleaner-FL.

**A blocked gun may lead to the can exploding.**

**(The instruction for use of the gun must be followed!)**

**On airless spraying the safety regulations and handling instructions of the equipment manufacturer have strictly to be heeded!**

### Cleaning

Overspray should immediately be removed with benzine or Cleaner-FL. Terotex-Wax can as well be easily removed with white spirit or petroleum. Larger areas can also be steam jet cleaned. Consequently, an underbody treated with Terotex-Wax must not be cleaned by steam jet equipment, unless the old coating is to be removed prior to applying a new coating.

### Storage

|                           |              |
|---------------------------|--------------|
| Frost-sensitive           | yes          |
| Recommended storage temp. | 15°C to 25°C |
| Shelf-life                | 18 months    |

## Packaging

|      |      |                               |
|------|------|-------------------------------|
| Tin  | 1 l  | Art.-No. 114.59 F (D/GB/F/NL) |
| Tin  | 1 l  | Scandi-Code 124               |
| Can  | 10 l | Art.-No. 141.85 T (D/GB/F/NL) |
| Drum | 60 l | Art.-No. 120.96 Y (D/GB/F/NL) |
| Tin  | 60 l | Scandi-Code 134               |

## Hazard Indications/

## Safety Recommendations/

## Transport Regulations

see Safety Data Sheet

## Important

The above data, particularly the recommendations for application and use of our products are based on our knowledge and experience. Due to different materials and conditions of application which are beyond our knowledge and control we recommend strongly to carry out sufficient tests in order to ensure that our products are suitable for the intended processes and applications. Except for wilful acts any liability based on such recommendations or any oral advice is hereby expressly excluded.

**This Technical Data Sheet supersedes all previous editions.**

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