

## TEROSON WT R2000

October 2015

### PRODUCT DESCRIPTION

TEROSON WT R2000 provides the following characteristics:

<b>Technology</b>	Highly Abrasion Resistant Coating Material for Underbody Coating
<b>Base</b>	Aqueous synthetic dispersion

TEROSON WT R2000 is a black coating compound based on aqueous synthetic dispersions, which can be spray-applied by using the Teroson-UBC gun. Drying time depends on film thickness, ambient temperature and on the relative humidity of the ambient air. Drying is accelerated by good ventilation and high temperatures (air circulated oven up to 60°C). As a result of the high solids content of TEROSON WT R2000 the material exhibit less shrinkage during the drying process. It's structurally more stable in its dry state than a solvent based material. The dried film shows good adhesion on cleaned underbodies, also to painted surfaces, PVC, galvanized and electro coated panels. Because of it's very high abrasion resistance and cold flexibility, TEROSON WT R2000 provides excellent chipping protection. After complete drying the coating can be sanded. TEROSON WT R2000 is temporarily resistant against fuel and cold cleaners.

### APPLICATION AREAS

TEROSON WT R2000 is suitable for repair work on the underbody, wheel house, front and rear aprons, spoilers, door sills, particularly as protection against road stones. The material is used as coating for painted parts or primer surfaced metals on the underbody and for repair works on coatings which are based on rubber/resins. TEROSON WT R2000 is also suitable for sound damping of wheel houses and side walls, and for covering and sealing of repair jobs, welding seams and overlaps.

### TECHNICAL DATA (Typical Test Results)

Colour	black
Odour	characteristic odour
Consistency	sprayable
Density	approx. 1.4 g/cm <sup>3</sup>
Solids	approx. 70 %
Sag resistance	good
Layer thickness wet	1.0 mm
Skin formation time	2 to 4 hrs
Curing through	24 to 48 hrs
Abrasion resistance	very high
Application temperature	10 to 25 °C
In service temperature	-25 to 80 °C
short exposure (up to 1h)	100 °C

### PRELIMINARY STATEMENT

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 TEROSON WT R2000 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. Areas not to be coated should be covered with masking paper. In the case of new vehicles, protective wax must be steam-cleaned. If applied to older vehicles, watch out for beginning of rust formation, which has to be removed with a wire brush.

### Application

TEROSON WT R2000 is applied with the Teroson UBC-Gun from 1-l-cans; application pressure: 4 - 5 bar. Shake the can well up side down for 1 minute before use. Opened containers must not be left open because the material will form a skin. On vertical surfaces, the underbody coating can be applied in one step up to 1 mm layer thickness (wet film). In order to avoid bare patches, the material should be sprayed in criss-cross fashion. Under favourable weather conditions, the vehicle is ready for use 2 - 4 hours after application. For final drying 24 - 48 hours are necessary.

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**Caution**

- Do not spray on joints, engine, gear box, prop shaft, transmissions, exhaust components, catalytic converter and the break system.
- A blocked gun may cause the can to burst.
- Follow the operating instructions for the gun.

**Cleaning**

Equipment and contaminated parts should be cleaned with water immediately after use, if necessary also use an aqueous detergent. Pure solvent based cleaners can't be used for cleaning (coagulation). Once TEROSON WT R2000 has dried it can only be removed mechanically.

**STORAGE**

Frost sensitive	yes
Recommended storage temperature	10 to 25 °C
Shelf life	12 months in original packaging

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