

TEROSON WT S3000 AQUA

April 2014

PRODUCT DESCRIPTION

TEROSON WT S3000 AQUA provides the following characteristics:

Technology	Abrasion-resistant chipping protection, multivarious dyable
Base	Aqueous synthetic resin dispersion
Appearance	black, grey, light

TEROSON WT S3000 AQUA is a coating compound based on an aqueous synthetic resin dispersion which can be spray-applied with UBC-guns, filler or paint pistols. Drying times are dependent on the thickness of the coating applied, on ambient temperatures and on the relative humidity of the ambient air. Drying is considerably faster if good ventilation and relatively high temperatures are provided. The dry film adheres well to zinc-coated and electro-coated steel sheet metal and to painted surfaces. Because of its high abrasion resistance and its good flexibility TEROSON WT S3000 AQUA offers excellent protection to scratches, stonechips and other such marks. TEROSON WT S3000 AQUA is processable / overpaintable with waterborne paints. When fully air dried (at the earliest after 6 hours) the coating can be painted over with standard vehicle refinish paint systems (including solvent born paints). After complete drying the coating can be sanded. TEROSON WT S3000 AQUA is temporarily resistant against fuels and cold cleaners. TEROSON WT S3000 AQUA is suitable for restoring the original structure after a repair.

IMPORTANT: The following information is only valid for the light version!

TEROSON WT S3000 AQUA also allows inking and mixing with water born refinish paints and is dilutable with deionized water. In case of dyeing TEROSON WT S3000 AQUA it is recommended not to exceed the addition of 30 vol.% of ready for use water born paint. By varying the mixing ratios, the spraying pressure and distance different surface textures can be obtained, from smooth to rough.

APPLICATION AREAS

TEROSON WT S3000 AQUA is used for repair/touch up jobs of the underbody, wheel houses, front and rear areas (aprons). It can be applied to visible parts of e.g. door sills as an overpaintable protection against road stone chip or as a

protection against corrosion caused by salt and humidity. TEROSON WT S3000 AQUA is ideally suited to recreate the different surface textures produced at original manufacture, for the perfect visible repair. Its outstanding benefit are the multifarious possibilities of the dyeing the material. Scratches or other small injuries of the paint remains nearly invisible.

TECHNICAL DATA (Typical Test Results)

Colour	white grey, black
Odour	slight odour of ammonia
Density	approx. 1.2 to 1.25 g/cm ³
Consistency	liquid
Solids	approx. 67 %
Sag resistance	up to 1 mm wet
ACOUSTIC DATA	
(ONLY relevant for the black version)	
Loss factor	approx. 0.1
DIN EN ISO 6721-3	
Temperature	20 °C
Frequency	200 Hz
Material	steel sheet 1 mm
Thickness ratio coating/ steel sheet	2 : 1

PRELIMINARY STATEMENT

Prior to application it is necessary to read the **Material 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

The surfaces to be coated with TEROSON WT S3000 AQUA have to be clean, dry and free of rust, oil, grease, dust and other contamination. Areas not to be coated should be properly covered. Bare sheet steel must always be coated with wash primer prior to coating with TEROSON WT S3000 AQUA.

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Application

TEROSON WT S3000 AQUA is applied with the Henkel UBC-Gun from 1-l-cans. Recommended application pressure is 3 - 5 bar. Shake the can well before use. Fine surface structures can be obtained with the spray gun.

Caution

Do not spray onto 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.

Overpainting

TEROSON WT S3000 AQUA can be painted over with water born or solvent-based paints. Due to the manifold paint systems existing in the market preliminary tests should always be carried out.

Waterborne paints

TEROSON WT S3000 AQUA is overpaintable with water borne paints at the earliest after 6 hours (mat surface) and up to 72 hours after application.

Conventional (solvent-based) paints

TEROSON WT S3000 AQUA is overpaintable with conventional (solvent based) paints after full drying and up to 72 hours after application.

TEROSON WT S3000 AQUA is a fast-drying thick layer system.

In the case of accelerated drying by using an airstream system or an air pistol, it has to be taken into account that the quickly formed skin on the surface is not ripped and blown off onto wet material because this could lead to crack formation and affect the surface.

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 S3000 AQUA has dried it can only be removed mechanically.

STORAGE

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

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