

TEROSON WX 300

Known as Terotex-HV 300 October 2013

PRODUCT DESCRIPTION

TEROSON WX 300 provides the following product characteristics:

Application	Anticorrosive Agent
Technology	Anticorrosive Agent for cavity conservation
Basis	Waxes, Polymers and Anticorrosive additives

TEROSON WX 300 is a solvent containing anticorrosive agent based on waxes, polymers and anticorrosive additives, which is primarily used for cavity conservation of rust-endangered cavities of motor vehicles. The material is a liquid wax solution. TEROSON WX 300 infiltrates and displaces humidity because the wax characteristic acts water repellent. The product contains a high content of rust inhibitors which optimize the corrosion protection. TEROSON WX 300 atomizes to a fine fog during spraying and has good penetration characteristics. This leads to optimum protection even of those areas which are difficult to reach and also between narrow sheet metal tolerances. It penetrates well into the gaps to be protected (e.g. welding seams), but does not run off significantly from lower seams. The material may also be applied at temperatures below 15°C, but penetration is improved when product and car body have normal room temperature.

After complete drying TEROSON WX 300 forms a plastic, waxlike, slightly tacky, water-repellent film with a beige transparent colour. The protective film changes the surface tension causing water to drip off.

APPLICATION AREAS

TEROSON WX 300 is primarily used in garages for spraying cavities in motor vehicle bodies in addition to the existing cavity conservation applied to new cars, for follow-up treatment after 2 - 3 years and after an accident damage repair.

TEROSON WX 300 can also be used for care and maintenance of the entire underbody: it protects from rust, has a brightening effect on all parts looking shabby or slightly rusty. In this case spray the underbody just lightly. TEROSON WX 300 is also fitted removable protection of bare metal parts, e.g. when shipping on boats.

TECHNICAL DATA (Typical Test Results)

Colour	light beige transparent
Odour	mild odour
Consistency	liquid. slightly thixotropic
Density	approx. 0.85 g/cm ³
Solid	approx. 43 %
Dripping Temperature of the solids (DIN 51801)	approx. >160 °C
Viscosity	approx. 20 mPa.s
Equipment	Rheomat 15
Measuring system	A
Flow time acc. DIN 53211	approx. 16 s
Temperature	20 °C
Nozzle	4 mm Ø
Penetration	>35 mm; gap 0,1 mm
Application temperature	15 to 25 °C
In service temperature	-40 to 100 °C
Short exposure (up to 1 h)	130 °C

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.

Application

Shake well before processing bundle content. TEROSON WX 300 can be applied both, with the HV-Cup Pistol with the respective probes. Application pressure for the HV-Cup Pistol is 2 - 4 bar. For the treatment of the entire underbody we recommend the pressure fed cup pistol with the hook probe for surface coating and areas particularly difficult to reach, e.g. under the wheel arch.

Important

Do not spray on exhaust, catalyst and onto rubber parts!

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Cleaning

TEROSON WX 300 drips can easily be wiped off. For cleaning dried material TEROSON VR 10 is suitable; larger areas can be steam jet cleaned. Contamination on painted areas should be removed immediately.

Machinery parts which are protected with TEROSON WX 300 for shipping purposes only may be dewaxed by spraying and presoaking with cold cleaner, final cleaning by steam jet equipment.

Note

As TEROSON WX 300 is a product with inflammable solvents, care should be taken to allow good air access before closing the cavities off (e.g. door trim) and assure good aeration during drying phase (depending on the cavity the drying period can last up to several days). Power-window switch may only be manipulated after completion of aeration.

STORAGE

Frost sensitive	yes
Recommended storage temperature	15 to 25 °C; the product stays liquid even at lower temperatures
Shelf life	18 months

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Henkel AG & Co. KGaA

D-40191 Düsseldorf, Germany
Phone: +49-211-797-0
www.henkel.com

Henkel Central Eastern Europe GmbH

A-1030 Wien, Austria
Phone: +43-1711-040
www.henkel.com

Henkel & Cie AG

CH-4133 Pratteln, Switzerland
Phone: +41-61-825-7000
www.henkel.com

