

TEROSON WX 400

Known as Terotex-HV 400 October 2013

PRODUCT DESCRIPTION

TEROSON WX 400 provides the following product characteristics:

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

TEROSON WX 400 is a solvent containing anticorrosive agent for cavity conservation with high solids, based on waxes, polymers and anticorrosive additives. The material is a thixotropic solution which can be well atomized. This leads to optimum protection even of those areas which are difficult to reach and also between narrow sheet metal tolerances. TEROSON WX 400 infiltrates and displaces humidity. The product contains a high content of corrosion inhibitors.

TEROSON WX 400 atomizes to a fine fog during spraying, has excellent penetration characteristics, 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 starting at 10°C, but penetration is improved when product and car body have normal room temperature.

After complete drying TEROSON WX 400 forms a plastic, water-repellent film with a beige transparent colour.

APPLICATION AREAS

TEROSON WX 400 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.

TECHNICAL DATA

(Typical Test Results)

Colour	beige transparent
Odour	characteristic odour
Consistency	thixotropic
Density	approx. 0.96 g/cm ³
Solid	approx. 60 %
Dripping Temperature of the solids (DIN 51801)	approx. 150 °C
Sag resistance	min. 100 µm

Penetration	>55 mm; gap 0,1 mm
Paint compatibility	no permanent changes of the top-coat
Removability after 24 hrs	dried material can easily be removed
Behaviour in the repair paint oven (1.5 hrs at 90°C)	no running off
Behaviour in the cold:	no cracks
Layer thickness	40 µm
Storage	2 d -40 °C
Mandrel	70 mm Ø
Corrosion resistance	no corrosion
salt spray test to DIN 50021 (35°C, salt solution 5%, 240 hrs)	
Application temperature	15 to 25 °C
In service temperature	-40 to 90 °C
Short exposure (up to 1 h)	120 °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

Processing with the can:

TEROSON WX 400 can be applied, with the HV Cup Pistol with the respective probes. Application pressure for the HV Cup Pistol is 2 - 4 bar. Do not spray onto rubber parts!

After a longer storage period as well as at temperatures below 10°C the material builds up a certain thixotropy. However, this is broken during spraying procedure - the material, therefore, exhibits its normal characteristics after application.

Depending on the cavity to be treated the drying period can last up to several days; assure sufficient ventilation during drying.

Processing with the Aerosol Can:

Any items of trim and covers should be removed. Any rust should be removed as far as possible. Can should be shaken vigorously before use. To spray awkward areas the special spray head with the spray tube can be used. The body parts which should be free from dust and grease should be sprayed evenly, with the can held upright during spraying.

NOTE:

As TEROSON WX 400 in Aerosol Cans contains a

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combustible propellant gas, care should be taken to allow good air access before closing the cavity off; ventilate the vehicle well during drying process. Depending on the cavity to be treated the drying period can last up several days.

Cleaning

TEROSON WX 400 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.

STORAGE

Frost sensitive	yes
Recommended storage temperature	15 to 25 °C; thickness at lower temperatures must be brought to application temperature prior to use
Shelf life	24 months

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