

TEROSON VR 2000

Known as Rust Converter August 2015

PRODUCT DESCRIPTION

TEROSON VR 2000 provides the following characteristics:

Technology	Rust Converter Emulsion Film-Forming, Water-Based Rust-Converting Emulsion
Base	Synthetic Resin Emulsion
Additional Information	free from Phosphoric Acid

TEROSON VR 2000 is used to treat Areas of rust of all kinds. Organic chelating agents convert the rust (iron oxides) into a stable complex compound; during this process, the originally milky-white emulsion changes through green/blue to a deep black. The synthetic resin emulsion forms a paint-like protective film when dry. This protective film remains on the metal and may be used as a primer. No additional priming is required.

APPLICATION AREAS

TEROSON VR 2000 is suitable for use on all ferrous substrates, e. g. on cars and in the home, for items such as railings, fences, bicycles etc. TEROSON VR 2000 is not suitable for parts subject to high temperatures such as exhaust systems, stove chimney pipes etc.

TECHNICAL DATA

(Typical Test Results)

Colour	white liquid
Odour	slight
Density	approx. 1.2 g/cm ³
Solids	approx. 50 %
pH value	1 to 2
Application thickness	0.1 to 0.2 mm per coat
Coverage	approx. 0.25 l/m ²
Drying time	
Touch dry	1 hour
Fully dry	16 hours
Application temperature	15 to 25 °C
In service temperature range	-30 to 80 °C
short exposure (up to 1h)	100 °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.

Pretreatment

The surfaces to be treated must be clean and free from oil and grease. They may however be damp. Loose rust should be removed before application.

Application

TEROSON VR 2000 is applied by brush or roller. A second coat may be applied after ca. 1 hour.

Practice

The product is touch dry after ca. 1 hour. Overnight drying is required for full drying. The drying time is dependent not only on temperature and coating thickness but also on relative humidity. The higher the relative humidity, the slower the drying. In extreme cases (fog, persistent rain) this can completely prevent the product forming a film. In such cases drying must be speeded up by using a source of heat. The dried coating may be painted with any normal motor vehicle paint (after ca. 16 hours). Compatibility with other paint systems should be tested in advance. Application tools should be cleaned in water immediately on completion of work. Any product which has already formed a film will have to be removed mechanically.

STORAGE

Frost sensitive	yes
Recommended storage temperature	10 to 25 °C
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

