

TEROSON® RB R2000

November 2021

PRODUCT DESCRIPTION

TEROSON® RB R2000 provides the following product characteristics:

Technology	Synthetic rubber
Chemical Type	Rubber & Resin
Appearance	Black
Solvent	Naphtha
Odour	Petroleum spirit
Viscosity	Thick liquid
Cure	Not applicable
Application	Underbody coating
Application temperature	10 to 25°C (50 to 77°F)
In service temperature	-25 to 80°C (-13 to 176°F)
Short exposure (up to 1h)	100°C (212°F)
Specific Benefits	<ul style="list-style-type: none"> • Corrosion resistance • Stone-chipping protection • High abrasion resistance

TEROSON® RB R2000 is a solvent containing coating material, free of bitumen, based on rubber and resin. After complete drying, the coating exhibits a permanently elastic corrosion protection with good aging characteristics and no cracking at low temperatures, due to its combination of raw materials. The dry film adheres well to cleaned underbodies, also to painted surfaces and exhibits a very high abrasion resistance.

Typical applications include repair works on underbody, wheelhouse, front and rear aprons, spoilers, door sills, particularly as protection against road stones and coating for painted parts or primer surfaced metals on the underbody and for repair works on coatings which are based on rubber/resins.

TYPICAL PROPERTIES

Specific Gravity @ 23°C	1.3
Solids, %	62

TYPICAL PERFORMANCE

1 mm wet layer thickness, dried @ 23°C

Tack-free time, minutes	25
Drying Time, hours	48

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Use only in a well ventilated area.

Direction For Use

Pre-treatment

1. Surfaces to be treated with TEROSON® RB R2000 have to be cleaned well and rust must be removed.
2. The areas must be dry and free of grease, dirt and to a great extent free of dust.
3. Areas not to be coated should be properly covered with masking paper.
4. In the case of new vehicles, protective wax must be steam-cleaned.
5. If applied to older vehicles, watch out for beginning of rust formation, which has to be removed with a wire brush.

Application

1. TEROSON® RB R2000 is applied with the TEROSON® UBC-Gun from 1 liter can; Recommended application pressure is 4 to 5 bar.
2. Shake the can well upside down for 1 minute before use.
3. Opened containers must not be left open because the material will form a skin.
4. On vertical surfaces, the underbody coating can be applied in one step up to 1mm layer thickness (wet film).
5. In order to avoid bare patches, the material should be sprayed in crisscross fashion.
6. Under favorable weather conditions, the vehicle is ready for use 2 - 4 hours after application.
7. For final drying 48 hours are necessary.

Important

1. Do not spray onto joints, engine, drive, cardan shaft, exhaust, catalyst and brake system.
2. After use blow through TEROSON® UBC Pistol and then purge with TEROSON® VR 10.
3. Clogging of the pistol may cause the tin to burst.
4. Read instruction leaflet of the pistol.

Cleaning

1. Remove excess spray immediately with TEROSON® VR 10.

Handling Precautions:

Product must be handled in a manner applicable to highly flammable materials and in compliance with relevant local regulations. The solvent can affect certain plastics or coatings. It is recommended to check all surfaces for compatibility before use.

Storage

Store product in the unopened container in a dry location. Storage information may also be indicated on the product container labelling.

Optimal Storage: 10 to 25 °C. Storage below 10 °C or greater than 28 °C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel representative.



Product Specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and Certificate

Please contact Henkel representative for related approval or certificate of this product.

Data Ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23 °C / 50% RH = 23±2 °C / 50±5% RH

Conversions

(°C x 1.8) + 32 = °F

kV/mm x 25.4 = V/mil

mm / 25.4 = inches

µm / 25.4 = mil

N x 0.225 = lb

N/mm x 5.71 = lb/in

N/mm² x 145 = psi

MPa x 145 = psi

N·m x 8.851 = lb·in

N·m x 0.738 = lb·ft

N·mm x 0.142 = oz·in

mPa·s = cP

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