

TEROSON® SB 3140

April 2015

Product description

TEROSON® SB 3140 Panel Bonder provides the following product characteristics:

Technology	Synthetic resin
Product type	Road stone anti-chip compound
Application	Sprayable coating compound
Appearance	light, black

TEROSON® SB 3140 is a finely sprayable coating material based on synthetic resins.

The dry film provides excellent adhesion to cleaned underbodies, to bare metal and painted surfaces, high covering capacity, goof corrosion protection and high abrasion resistance, resulting in good road stone antichip characteristics.

TEROSON® SB 3140 can be painted with standard vehicle paint systems after about 15 minutes.

For best results, painting should be done within 6 hour(s) after product application.

Oven drying at ca. 60°C is possible without problems.

As a general rule, mechanical stress (e.g. the use of a car wash facility) is to be avoided during the first few weeks.

Please also consult the product information of the paint manufacturer for the mechanical resistance of the overpainted surface.

TEROSON® SB 3140 is used to protect visible vehicle parts, e.g. front apron, rear apron and door sill, against corrosion due to road stone chips, road salt and humidity.

The material can be overpainted shortly after application.

The material is also used in addition to road stone antichip layers and for selective applications and repair jobs after an accident repair.

Technical data

Colour	light, black
Odour	of solvents
Density	~0.93 g/cm ³
Solids of the active ingredient	~55 %
Layer thickness dry film (2-3 crossing patterns)	250 to 300 µm
Drying time	~2 h
Application temperature	15 to 25 °C
In service temperature range	-20 to 70 °C
Short exposure (up to 1 hr)	100 °C

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 Material Safety Data Sheet.

Pre-Treatment:

Surfaces to be treated have to be cleaned well and rust must be removed. The areas must be dry and grease, dirt and dust free.

Application:

1. The material should be at room temperature at the time of application.
2. Shake the can well, continuing for 1 min. after the ball/bearing becomes audible.
3. Hold can vertically while spraying and apply in two three crossing patterns at a distance of about 20 to 30 cm.
4. If masking tape has been used, always remove it before the material begins to dry.
5. Abrasion resistance and corrosion protection increase with the layer of thickness.
6. For that reason the spray application should be repeated once or twice after a short flash-off time.
7. In order to avoid bare patches, the material should be sprayed in criss-cross fashion.
8. After use, turn the spray tin upside down and operate the valve until nothing but propellant gas emerges.



Important

Do not spray on moveable parts and those subjected to extreme heat, e.g. joints, engine, drive, cardan shaft, exhaust, catalyst and brake system.

Cleaning:

Remove overspray immediately with white spirit or TEROSON® VR 10.

Dried material can only be dissolved with TEROSON® VR 40 or TEROSON® VR 50.

Careful on fresh paints!

Storage

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

Optimal storage: 10°C to 25°C. Storage below 10°C or greater than 25°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 Technical Service Center or Customer Service 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

Disclaimer

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