BUILDING TRUST

PRODUCT DATA SHEET

SikaGard®-6440

Sprayable underbody and stone chip protection coating

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base		Rubber based
Color (CQP001-1)		Black / grey
CURE MECHANISM		Air-drying
Density (uncured)		1.05 kg/l
Solid content		49 %
Application temperature		15 – 25 °C
Film thickness	wet dry	600 µm 300 µm
Tack free time		60 minutes A
Drying time		24 h [A]
Service temperature		-30 – 90 °C
Shelf life		24 months [B]

CQP = Corporate Quality Procedure

[A] 23 °C / 50 % r. h.

[B] storage between 5 °C and 25 °C

DESCRIPTION

Sikagard®-6440 is a durable, thixotropic, rubber-based protective coating with very good rust-proofing and sound deadening properties. It is suitable for an effective underbody and stone chip protection to the vehicle body and convinces with its excellent final performance. Original texture can easily be reproduced.
Sikagard®-6440 shows a good over paintability performance.
A tough coating remains after drying, protecting metal from impact and corrosion.

PRODUCT BENEFITS

- Easy applicaton with no running or dripping
- Good abrasion, impact and road salt resistance
- Variours finishes achievable
- Good adhesion performance
- Over paintable
- Very good low temperature behavior
- Free of heavy metal
- Remains flexible when dry

AREAS OF APPLICATION

Sikagard®-6440 is a spray applied anti-corrosion coating for repair and protection of vulnerable, painted parts of vehicles such as door sills, wheel arches, front and rear aprons as well as vehicle underbody parts.
Sikagard®-6440 shows good adhesion on different paints, metal primers, metals and PVC.
This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

CHEMICAL RESISTANCE

Sikagard®-6440 is resistant against water, seawater, salt spray, oil, bases and acids.
The above information is offered for general guidance only. Advice on specific applications will be given on request.

METHOD OF APPLICATION

Surface Preparation

Surfaces must be clean, dry and free of rust, dust and grease. Bare metal must be pretreated to enhance corrosion resistance (e.g. uncoated steel, etc).

Application

Sikagard®-6440 can be applied by air-mix guns with an air pressure of 3 - 6 bar. Use either the Sika® SCP Gun (pressure cup type) or the Sika® UBC Gun (vacuum type) to apply the product.
Shake can approx. 40 times before use. Cover adjacent surfaces prior the spray process. Spray at room temperature and from a distance of approx. 25 cm in an grid motion to build up a continuous coat.
Sikagard®-6440 can be applied without dripping. Apply this product until the desired layer thickness is reached. If a thick layer is required, let layers dry in between. A wide variety of textures can be achieved by altering the spray technique. Do not spray on parts of the brake, engine or exhaust system.

Removal

Uncured Sikagard®-6440 can be removed from tools and equipment with Sika® Remover-208 or another suitable solvent. Once dried, the material can only be removed mechanically. Hands and exposed skin shall be washed immediately using hand wipes such as Sika® Cleaner-350H or a suitable industrial hand cleaner and water.
Do not use solvents on skin.

Overpainting

Sikagard®-6440 is over paintable in a dry state (after 24 hours) with commonly used conventional paint systems. Waiting time can be reduced by accelerated drying at max. 60°C. Due to the wide range of paints adhesion and compatibility tests are necessary.

FURTHER INFORMATION

Copies of the following publication is available on request:

- Safety Data Sheet

PACKAGING INFORMATION

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BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users can always refer to the most recent version of the local Product Data Sheet for the relevant product, available on our website. The information in any downloaded version is valid as of the time of download.

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