

SikaGard®-6250

Sprayable, thixotropic cavity wax

Technical Product Data

Chemical base	Aromat-free wax solution
Colour	White, translucent
Cure mechanism	Air-drying
Density (liquid) (DIN 51757)	0.85 kg/l approx.
Solid content (DIN 53216)	42% approx.
Application temperature	15 – 25°C
Film thickness	wet dry 100 µm 50 µm
Drying time ¹	5 h approx.
Service temperature	-25 – 180°C
Shelf life (storage below 5°C - 25°C)	24 months

¹) 23°C / 50% r.h.

Description

SikaGard®-6250 is a white colored, aromat-free, durable wax with excellent rust-proofing properties. It is suitable for an effective protection against corrosion in vehicle body cavities and convinces with its outstanding application properties and excellent final performance. SikaGard®-6250 shows self-healing capabilities and is extremely heat resistant.

After drying, a white, slightly sticky wax coating remains that protects cavity areas from corrosion.

SikaGard®-6250 is manufactured in accordance with ISO 9001/14001 quality assurance system.

Product Benefits

- Excellent road salt resistance
- Very good film building property
- Outstanding water displacing
- Very good low temperature behavior
- Extremely high heat resistance
- Aromat-free
- No hazing and dripping during application
- Permanently elastic
- Self-healing properties

Areas of Application

SikaGard®-6250 is a spray applied anti-corrosion coating for repair and protection of concealed areas of vehicles such as cavities of door skins, side panels, motor hoods, trunks, rear wing, sills, cross members and pillars. Due to its very high temperature resistance (up to 180°C), SikaGard®-6250 can also be used for engine conservation. The product can be sprayed haze free and does not drip off drainage holes.

SikaGard®-6250 shows very good adhesion on different paints, metal primers, metals and PVC without any pre-treatment.

The product is suitable for professional experienced users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Industry



Chemical Resistance

SikaGard®-6250 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 pre-treated to enhance corrosion resistance (e.g. uncoated steel, etc).

Application

SikaGard®-6250 can be applied by air-mix guns with an air pressure of approx. 3 - 6 bar. Use either the Sika® CW 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 to the spray process. Spray at room temperature and from a distance of approx. 25 cm on the surface or in the cavity using a flexible hose. Use the existing or drill access points in the car body.

Spray a continuous coat.

Do not spray on parts of the brake, or exhaust system.

Removal

Fresh SikaGard®-6250 can be removed from tools and equipment with Sika® Remover-208. Once dried, the material can only be removed mechanically.

Hands and exposed skin should be washed immediately using Sika® Handclean towels or a suitable industrial hand cleaner and water. Do not use solvents!

Over painting

SikaGard®-6250 is not over paintable.

Further Information

Copies of the following publication is available on request:

- Safety Data Sheet

Packaging Information

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Value Basis

All technical data stated in this Product Data Sheet is 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 Material Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

Legal Notes

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 must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Further information available at:

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