

SikaGard®-6450

Anti stone chip coating

Technical Product Data

Chemical base	Rubber
Colour	Grey,white,black
Cure mechanism	Air-drying
Density (liquid) ISO 12185	1,02 kg/l approx.
Solid content ISO 3251	50 % approx.
Viscosity (Brookfield) ¹	48 Pa.s approx.
Application temperature	+20°C - +30 °C
Dry to touch ¹⁾	45 Min. approx.
Dry after	at norm climate ²⁾ 2 hours approx.
Dry after	at 60°C 45 Min. approx.
Service temperature	-25°C - +80°C
Shelf life (storage below +10° and +30°C)	24 months

¹⁾²⁾ 23°C / 50% r.h. (layer thickness 700 µm)

Industry

Description

SikaGard®-6450 has been developed to enable most manufacturers' stone chip finishes to be reproduced in the body shop. Overpaintable, anti-stone chip coating with anti-corrosion and sound deadening properties. Manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program.

Product Benefits

- overpaintable
- no overspray
- different textures possible by spray technique
- remains flexible when dry
- can be used wherever stone chip protection is needed

Areas of Application

SikaGard®-6450 is used to protect vulnerable, painted parts of the vehicle such as sills, wings, wheel arches and valances. Shows good adhesion on different metals and PVC. A test with the actual substrate prior the application is required. This product is to be used by professional experienced users only.



Chemical Resistance

SikaGard®-6450 is resistant against water, seawater, salt spray, oil, soft 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 rust-, dust- and grease free. Advice on specific applications is available from the Technical Service Department of Sika Industry.

Application

SikaGard®-6450 can be applied by light airless spray equipment or by means of an air-mix pistol with an air pressure of 3-6 bar.

Shake can before use.
Spray at room temperature and from a distance of approximately 30 cm in a cross motion. Spray a continuous coat. Apply this product until the desired layer thickness is reached. If a thicker layer is required, it is recommended to let the layers dry in between.

Removal

Fresh SikaGard®-6450 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® Hand cleaning towel or a suitable industrial hand cleaner and water. Do not use solvents!

Overpainting

SikaGard®-6450 is overpaintable after approximately 60-90 minutes with most commonly used conventional paint systems. Due to the wide range of paints available on the market a paint adhesion test is always recommended.

Further Information

Copies of the following publications are available on request:
- Material Safety Data Sheets

Packaging Information

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Value Bases

All technical data stated in this Product Data Sheet 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 should 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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