

SikaTack® Go!

Adhesive for professionals with improved gunability

Technical Product Data

Chemical base	1-C polyurethane
Colour (CQP ¹ 001-1)	Black
Cure mechanism	Moisture curing
Density (uncured) (CQP 006-4)	1,2 kg/l approx.
Non-sag properties	Very good
Application temperature	5 - 40°C (40 - 105°F)
Service Temperature	- 40°C to + 90°C
Tack-free time ² (CQP 019-1)	20 min approx.
Open time ² (CQP 526-1)	15 min approx.
Curing Speed (CQP 049-1)	(see diagram 1)
Shore A hardness (CQP 023-1 / ISO 868)	70 approx.
Tensile strength (CQP 036-1 / ISO 37)	8 N/mm ² approx.
Elongation at break (CQP 036-1 / ISO 37)	300% approx.
Tear propagation resistance (CQP 045-1 / ISO 34)	10 N/mm approx.
Tensile lap-shear strength (CQP 046-1 / ISO 4587)	6 N/mm ² approx.
Safe Drive-Away Time ³ (cars) according to FMVSS 212 / 208	with double side airbags ³ without airbags ⁴ 2 hours/no seatbelts 1 hour /with seatbelts 30 min./with seatbelts
Volume resistivity (CQP 079-2 / ASTM D 257-99)	10 ⁸ Ωcm approx.
Shelf life (storage below 25°C (75°F)) (CQP 016-1)	9 months

¹) CQP = Corporate Quality Procedure ²) 23°C (73°F) / 50% r.h. ³) 5°C (40°F) / 80% r.h. – 40°C (105°F) / 20% r.h.

⁴) 25°C (77°F) / 50% r.h. - 40°C (105°F) / 20% r.h.

Description

SikaTack® Go! is a cold-applied windshield adhesive with a safe drive away time of 1 hour³ with seatbelts. It is easy to apply and exhibits excellent properties such as suitability for black-primerless application, compatibility with glass mounted aerials, is non-conductive and offers quality combined with safety. SikaTack® Go! is designed for glass replacement of direct glazed passenger cars.

SikaTack® Go! is manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program.

Product Benefits

- Optimized for installers working at warm and humid climatic conditions
- Improved gunability
- Black-primerless
- Short cut-off string
- Very good non-sag properties
- Easy and clean application
- Sika® All-in-One Modulus
- Suitable for cars with integral antennas
- Short Safe Drive-Away Time³ (according FMVSS 212/208 with double-side airbags, with seatbelts)
- No contact corrosion on aluminium
- Solvent-free

Areas of Application

SikaTack® Go! has been specially designed for the Automotive Glass Replacement business. It is ideal for mobile and in-house installations in areas with warm and humid climatic conditions.

This product is to be used by professional experienced fitters only. If this product is used for other applications than Automotive Glass Replacement, test with current substrates and conditions have to be performed to ensure adhesion and material compatibility.

Industry



Cure Mechanism

SikaTack® Go! cures by reaction with atmospheric moisture. At low temperatures the absolute water content of the air is lower and the curing reaction proceeds more slowly (see diagram 1).

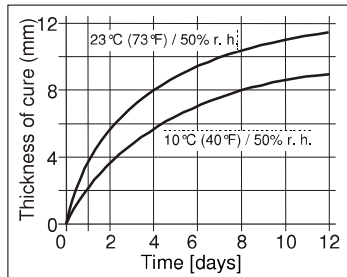


Diagram 1: Curing Go! for SikaTack® Go!

Chemical Resistance

SikaTack® Go! is resistant to water and aqueous cleaning agents (including windshield cleaners containing alcohol); temporarily resistant to fuels, mineral oils, vegetable and animal fats and oils; not resistant to paint thinners. The above information is offered for general guidance only. Advice on specific applications will be given on request.

Method of Application

Removal of old glass

Remove damaged glass in accordance with the vehicle manufacturer's instructions.

Surface preparation

Surfaces must be clean, dry and free from dust, oil and grease. The bond faces must be treated with a cleaning and activating agent or primed with the appropriate primer as follows:

Glass with uniform and continuous opaque, mineral based ceramic frit (valid for passenger cars only)	Sika® Aktivator
Old polyurethane direct glazing adhesive (cut face)	Sika® Aktivator

Metal with paint primer or with partial new painting (< 25% of total bonding area)	Sika® Aktivator
Metal with paint primer or with partial new painting (≥ 25% of total bonding area)	Sika® Aktivator+ Sika® Primer 206 G+P
Glass without black ceramic border or cover trim (valid for passenger cars only)	Sika® Aktivator+ Sika® Primer 206 G+P

Detailed information on the application and use of activating agents, etc. can be found in the corresponding Product Data Sheet. Advice on specific applications is available from the Technical Service Department of Sika Industry.

Application

Cut off the tip of the nozzle in accordance with the vehicle manufacturer's recommendations and screw onto the cartridge or the unipack adapter.

It is recommended to apply the adhesive with a piston-type application gun. To ensure a uniform thickness of adhesive bead, we recommend that the adhesive be applied in the form of a triangular bead (see fig. 1 below).

The substrate temperature must be between 5°C and 40°C.

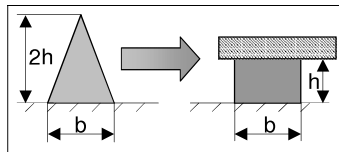


Figure 1: Compressing adhesive bead to final size

Removal

Uncured SikaTack® Go! may be removed from tools and equipment with Sika® Remover-208. Once cured, the material can only be removed mechanically.

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

Further Information

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

Packaging Information

Cartridge	300 ml
Unipack	400 ml 600 ml

Value Basis

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 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.



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