



PRODUCT DATA SHEET

SikaTack® Global 30

Windshield adhesive with 30 minutes MDAT

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

| | |
|---|--|
| Chemical base | 1-component polyurethane |
| Colour (CQP001-1) | Black |
| Cure mechanism | Moisture-curing |
| Density (uncured) | 1.3 kg/l |
| Application temperature | product 5 – 35 °C ambient -10 – 35 °C |
| Skin time (CQP019-1) | 10 minutes ^A |
| Open time (CQP526-1) | 8 minutes ^A |
| Curing speed (CQP049-1) | (see diagram) |
| Shore A hardness (CQP023-1 / ISO 48-4) | 60 |
| Tensile strength (CQP036-1 / ISO 527) | 6 MPa |
| Elongation at break (CQP036-1 / ISO 527) | 300 % |
| Tear propagation resistance (CQP045-1 / ISO 34) | 9 N/mm |
| Tensile lap-shear strength (CQP046-1 / ISO 4587) | 4.5 MPa |
| Minimum Drive Away Time (cars) according FMVSS 212 (CQP511-1) | with airbag 30 minutes ^{B/C} |
| Insulation resistance (CQP079-2 / DIN IEC 60167) | Low conductive |
| Shelf life | 9 months ^D |

CQP = Corporate Quality Procedure
C) -10 – 35 °C

A) 23 °C / 50 % r. h.
D) stored below 25 °C

B) details about MDAT contact Sika

DESCRIPTION

SikaTack® Global 30 is a cold applied Automotive Glass Replacement adhesive offering 30 minutes Minimum Drive-Away Time (MDAT). It can be used all year round and is ideal for mobile or in-house applications.

SikaTack® Global 30 has been tested according FMVSS 212 with 95th percentile dummies.

PRODUCT BENEFITS

- 30 minutes Minimum Drive Away Time, acc. FMVSS 212 / 95th percentile dummies
- Supports fast, robust ADAS calibration
- Best in class application properties
- Compatible with Sika's Clear Aktivator- and All Black installation process
- Compatible with all car brands thanks to Sika's all-in-one modulus technology

AREAS OF APPLICATION

SikaTack® Global 30 is suitable for experienced professional users only.

This product and related process information is designed for Automotive Glass Replacement. For other applications, tests with actual substrates and conditions have to be performed ensuring adhesion and material compatibility.

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SikaTack® Global 30
Version 02.01 (12 - 2024), en_CA
012002210093001310

CURE MECHANISM

SikaTack® Global 30 cures by reaction with atmospheric moisture. At low temperatures the water content of the air is generally lower and the curing reaction proceeds somewhat slower (see diagram 1).

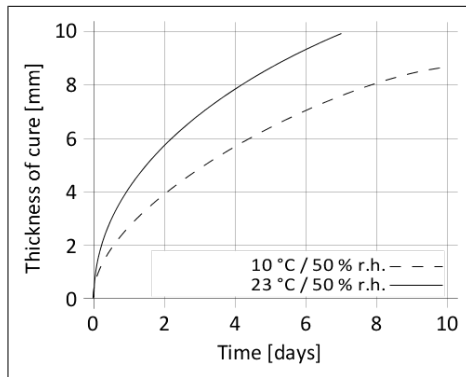


Diagram 1: Curing speed for SikaTack® Global 30

CHEMICAL RESISTANCE

SikaTack® Global 30 is generally resistant to fresh water, seawater, diluted acids and diluted caustic solutions; temporarily resistant to fuels, mineral oils, vegetable and animal fats and oils; not resistant to organic acids, glycolic alcohol, concentrated mineral acids and caustic solutions or solvents.

METHOD OF APPLICATION

Surface Preparation

Surfaces must be clean, dry and free from grease, oil, dust and contaminants.

The bond faces must be treated according Sika's Clear Aktivator- or All Black installation process. Further information on the application and use of Pre-treatments, can be found in the corresponding Product Data Sheet.

Windshields without ceramic coatings need proper UV protection.

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Application

It is recommended to apply SikaTack® Global 30 with a powerful battery operated application gun.

Consider that the viscosity will increase at low temperature. For easy application, condition the adhesive at ambient temperature prior to use.

To ensure a uniform thickness of the bondline it is recommended to apply the adhesive in form of a triangular bead (see figure 1).

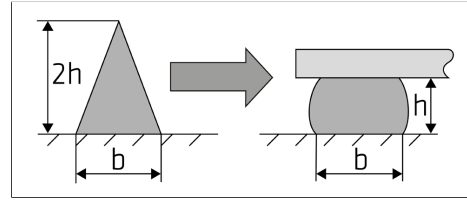


Figure 1: Recommended bead configuration

The glass must always be installed within the open time. Never install a glass after the adhesive has built a skin.

Removal

Uncured SikaTack® Global 30 may be removed from tools and equipment with Sika® Remover-208 or another suitable solvent. Once cured, the material can only be removed mechanically. Hands and exposed skin have to 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.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Safety Data Sheets
- Clear Aktivator installation process chart
- All Black installation process chart
- OEM Level / Quality
Brochure Safety without compromise

PACKAGING INFORMATION

| | |
|---------|------------------|
| Unipack | 400 ml 600 ml |
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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

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

