



PRODUCT DATA SHEET

SikaTack® MOVE Global 30

PREMIUM CHOICE ADHESIVE FOR AUTO GLASS PROFESSIONALS

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	1-component polyurethane
Colour (CQP001-1)	Black
Cure mechanism	Moisture-curing
Density (uncured)	1.2 kg/L
Non-sag properties	Excellent
Application temperature	product 5 °C – 35 °C ambient -20 °C – 50 °C
Skin time (CQP019-1)	10 minutes ^A
Open time (CQP526-1)	5 minutes ^A
Curing speed (CQP049-1)	See diagram 1
Shore A hardness (CQP023-1 / ISO 48-4)	60
Tensile strength (CQP036-1 / ISO 527)	7 MPa
Elongation at break (CQP036-1 / ISO 527)	300 %
Tear propagation resistance (CQP045-1 / ISO 34)	10 N/mm
Tensile lap-shear strength (CQP046-1 / ISO 4587)	4.5 MPa
Shear modulus (CQP081-1)	All-in-one
Safe Drive Away Time (cars) according FMVSS 212 (CQP511-1)	with airbag 30 minutes ^{B/C} without airbag 30 minutes ^{B/C}
Insulation resistance (CQP079-2 / DIN IEC 60167)	Low conduction rate
Shelf life	9 months ^D

CQP = Corporate Quality Procedure
C) -20 – 50 °C

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

B) details about SDAT contact Sika

DESCRIPTION

SikaTack® MOVE Global 30 is a cold-applied automotive windshield adhesive offering 30 minutes Safe Drive-Away Time (SDAT). It can be used all year round and is ideal for mobile or in-house applications. It has been tested according FMVSS 212 with 95th percentile dummies.

PRODUCT BENEFITS

- 30 minutes Safe Drive Away Time
- Tested according FMVSS 212 using 95th percentile crash test dummies
- Compatible with All Black installation process
- Compatible with all car makes thanks Sika's all-in-one modulus technology
- Best in-class application properties
- Increased decking
- Automotive OEM quality

AREAS OF APPLICATION

SikaTack® MOVE Global 30 is suitable for experienced users only. This product and related process information is designed for Automotive Glass Replacement (AGR). For other applications, tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

CURE MECHANISM

SikaTack® MOVE 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).

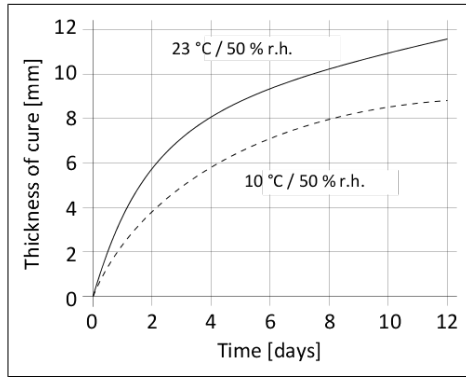


Diagram 1: Curing speed SikaTack® MOVE Global 30

CHEMICAL RESISTANCE

SikaTack® MOVE 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 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.

Application

It is recommended to apply SikaTack® MOVE Global 30 with a powerful battery operated application gun. Consider the viscosity 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 recommend to apply the adhesive in form of a triangular bead (see figure 1).

Figure 1: Recommended bead configuration

The open time is significantly shorter in hot and humid climate. The glass must always be installed within the open time. Never install a glass after the product has built a skin.

Removal

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

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
- All Black installation process chart

PACKAGING INFORMATION

Unipack	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

PRODUCT DATA SHEET

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Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

