

PRODUCT DATA SHEET

SikaTack® MOVE Transportation

All-in-one solution for Bus and Coach Glass Replacement

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 (CQP061-1)	Very good	
Application temperature	product	5 – 35 °C
	ambient	5 – 35 °C
Skin time (CQP019-1)	20 minutes ^A	
Open time (CQP526-1)	15 minutes ^A	
Curing speed (CQP049-1)	See diagram 1	
Shore A hardness (CQP023-1 / ISO 48-4)	65	
Tensile strength (CQP036-1 / ISO 527)	8 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)	5 MPa	
Minimum Drive Away Time for supported glass	< 40 kg	2 hours ^{B/C}
	< 75 kg	4 hours ^{B/C}
Service temperature (CQP509-1 / CQP513-1)	-40 – 90 °C	
Shelf life (CQP016-1)	12 months ^D	

CQP = Corporate Quality Procedure
^C 5 °C / 80 % r. h. – 40 °C / 20 % r. h.

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

^B) Details about SDAT contact Sika

DESCRIPTION

SikaTack® MOVE Transportation is a cold-applied windshield adhesive specially designed for windshield replacement and gap filling in bus, truck and rail glass replacement. It provides a good weathering stability and is therefore suitable for open joints.

PRODUCT BENEFITS

- Short Drive Away Time for commercial vehicles
- Suitable for bonding and gap filling
- Ideal product for glass replacement on commercial vehicles
- Exhibits good weathering stability
- Compatible with Black-Primerless and All Black installation process
- Solvent-free

AREAS OF APPLICATION

SikaTack® MOVE Transportation has been specially designed as an all-in-one solution for the windshield replacement of commercial vehicles such as buses and trucks. Thanks to its weathering stability it can be used for both bonding and gap filling. It is ideal for mobile and in-house installations. SikaTack® MOVE Transportation is suitable for experienced 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 to ensure adhesion and material compatibility.

CURE MECHANISM

SikaTack® MOVE Transportation 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).

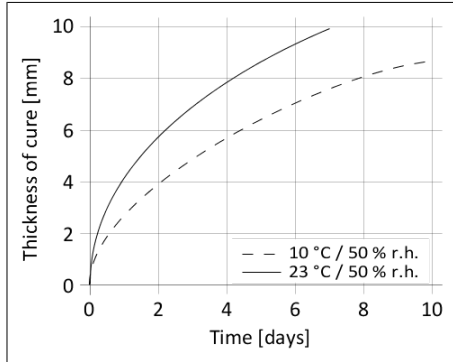


Diagram 1: Curing speed of SikaTack® MOVE Transportation

CHEMICAL RESISTANCE

SikaTack® MOVE Transportation 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 Black-Primerless 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.

Application

It is recommended to apply SikaTack® MOVE Transportation 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).

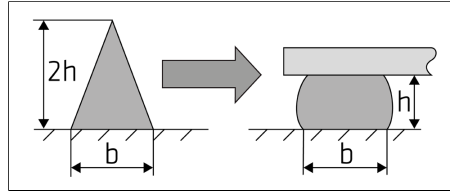


Figure 1: Compressing adhesive bead to final size

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

Removal

Uncured SikaTack® MOVE Transportation can 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 Sika® Cleaner-350H cleaning towels 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
- Black-Primerless installation process chart
- 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 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.

PRODUCT DATA SHEET

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