

PRODUCT DATA SHEET

SikaTack® MOVE Transportation

All-in-one solution for Bus, Coach and Truck glass replacement

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	1-component polyurethane
Color (CQP001-1)	Black
Cure mechanism	Moisture-curing
Density (uncured)	1.2 kg/l
Non-sag properties (CQP061-1)	Very good
Application temperature	product ambient
Skin time (CQP019-1)	5 – 35 °C 5 – 35 °C
Open time (CQP526-1)	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	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 MDAT contact Sika

DESCRIPTION

SikaTack® MOVE Transportation is a cold-applied adhesive specially designed for glass replacement and gap filling application for buses, coaches and trucks. 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
- Exhibits good weathering stability
- Compatible with Black-Primerless and All Black installation process
- Solvent-free
- Ideal product for glass replacement on commercial vehicles

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

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SikaTack® MOVE Transportation
 Version 05.01 (04 - 2023), en_DK
 012002210093001000

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).

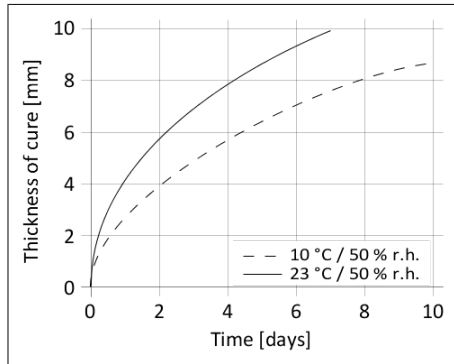


Diagram 1: Curing speed of SikaTack® MOVE Transportation

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.

Glass without ceramic coatings need proper UV protection.

Application

It is recommended to apply SikaTack® MOVE Transportation 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).

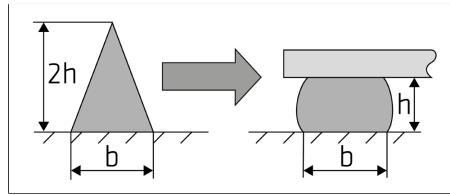


Figure 1: Compressing adhesive bead to final size

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 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

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.