

# SikaTack® MOVE<sup>IT</sup>

Technical Product Data (typical values) \*Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

Chemical base	1-C polyurethane	
Color	Black	
Cure mechanism	Moisture-curing	
Density (uncured)	10 lb/gal	
VOC (EPA Method 24)	0.05 lb/gal (6 g/l)	
Non-sag properties	Very Good	
Application temperature	product surface air	50° - 120°F (10° - 49°C) 0° - 170°F (-18° - 77°C) 0° - 120°F (-18° - 49°C)
Tack free time <sup>1)</sup>	12 minutes	
Open time <sup>1) 2)</sup>	8 minutes	
Shore A-hardness	65	
Tensile strength	1100 psi	
Elongation at break	300%	
Tensile lap-shear strength	725 psi	
Safe Drive-Away Time (cars)	according to FMVSS 212 / 208	see chart 1
Shelf life (storage below 75°F (24°C))	9 months	

<sup>1)</sup> 73°F (23°C) / 50% r.h.

<sup>2)</sup> Open time corresponds to working time

## Description

SikaTack® MOVE<sup>IT</sup> is a one component cold-applied, fast-curing, high-viscosity polyurethane adhesive designed for use in replacing direct glazed automotive glass parts. Engineered to perform to the strength of OEM requirements, SikaTack® MOVE<sup>IT</sup> exceeds all federal requirements even in the most severe interpretations for FMVSS 212 / 208. Store below 75°F. Avoid contact with alcohol, and alcohol-containing solvents during cure.

SikaTack® MOVE<sup>IT</sup> is manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program. Additional information can be obtained at [www.sikausa.com](http://www.sikausa.com) or by contacting the Technical Service Department of Sika Corporation via e-mail at [tsmh@us.sika.com](mailto:tsmh@us.sika.com).

## Product Benefits

- 1-hour Safe Drive Away Time
- Non-conductive
- "All-In-One" Modulus
- Passes FMVSS 212/208 (with dual airbags and unrestrained occupants)
- Easy to use
- One-component
- Short cut-off string
- Black primerless to glass
- Cost effective
- Can be used from 0°F - 120°F

## Areas of Application

SikaTack® MOVE<sup>IT</sup> is designed for use in replacing polyurethane direct-glazed automotive glass parts.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Industry



### Cure Mechanism

SikaTack<sup>®</sup> MOVE<sup>IT</sup> cures by reaction with atmospheric moisture.

### Method of Application

#### Surface Preparation

Surfaces must be clean, sound, dry and free from all traces of dust and grease. All corrosion must be removed and all bare metal scrapes and scratches must be prepared in accordance with Sika's Corrosion Treatment recommendations. Prepare bond area of glass with Sika<sup>®</sup>-Aktivator PRO. **THIS PRODUCT MUST BE USED WITH SIKA<sup>®</sup>-AKTIVATOR PRO TO LIMIT DISPLACEMENT OF GLASS IN THE EVENT OF A CRASH. IF NOT USED AS DIRECTED, PRODUCT MAY NOT PERFORM AS INTENDED AND PERSONAL INJURY OR DAMAGE MAY RESULT FROM FAILURE OF PRODUCT TO PROPERLY ADHERE TO GLASS.** For preparation of all bonding surfaces it is required to read and understand the instructions given in the Sika AGR Technician Training Manual additional information can be obtained at [www.sikausa.com](http://www.sikausa.com) or by contacting the Technical Service Department of Sika Corporation via e-mail at [tsmh@us.sika.com](mailto:tsmh@us.sika.com).

#### Application

Puncture seal, attach appropriately cut nozzle (e.g. "V" notch) and apply adhesive. For complete instructions, refer to the Sika AGR Technician Training Manual. **THIS IS TO BE USED BY TRAINED INSTALLERS ONLY. DO NOT USE WITHOUT REVIEW OF ALL SIKA INSTALLATION GUIDELINES, PRODUCT DATA SHEET AND MSDS.**

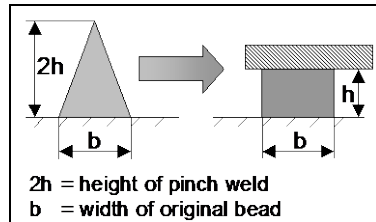


Figure 1: Recommended Bead Configuration

### Safe Drive Away Time

Relative Humidity	Temperature (°F)					
	>0	>25	>35	>52	>72	>90- <120
Without Airbags (minutes)						
>90%	30	30	30	30	30	30
>70%	30	30	30	30	30	30
>40%	30	30	30	30	30	30
>20%	30	30	30	30	30	30
>0%	30	30	30	30	30	30
With Passenger Airbags (hours)						
>90%	1	1	1	1	1	1
>70%	1	1	1	1	1	1
>40%	1	1	1	1	1	1
>20%	1	1	1	1	1	1
>0%	1	1	1	1	1	1

Chart 1: Safe Drive Away Table for SikaTack<sup>®</sup> MOVE<sup>IT</sup>

For more detailed adhesive application and auto glass installation instructions, refer to Sika's Installation Instructions for Cold-Applied Adhesives. For complete instructions, refer to the Sika AGR Technician Training Manual or by contacting the Technical Service Department of Sika Corporation via e-mail at [tsmh@us.sika.com](mailto:tsmh@us.sika.com).

#### Removal

Uncured SikaTack<sup>®</sup> MOVE<sup>IT</sup> can be removed from tools and equipment with mineral spirits or another suitable solvent. Once cured, the material can only be removed mechanically. Hands and exposed skin should be washed immediately using a suitable industrial hand cleaner and water. Strictly follow solvent manufacturer's instructions for use and warnings. Do not use solvents on skin!

#### Limitations

**THIS PRODUCT IS FOR USE ONLY BY TRAINED APPLICATORS.**

- Do not use this product without review of all Sika installation guidelines, Product Data Sheet and MSDS.
- Once opened, cartridges should be used the same day or protected for later use or the contents will harden and be rendered useless.
- Avoid contact with alcohol, and alcohol-containing solvents during cure.
- Never apply over clear coat paint.
- Always use in conjunction with Sika<sup>®</sup>-Aktivator PRO.
- Do not apply to rusty surfaces.
- Product performs best when stored between 50 - 75°F. Shelf life could be reduced if stored above 75°F.

- Wind chill does not affect product properties.

### HMIS

Health	2
Flammability	1
Reactivity	0
Personal Protection	C

### WARNING: IRRITANT, SENSITIZER.

Contains Polyisocyanate Prepolymer (CAS Trade Secret). Eye irritant. May cause skin/respiratory irritation. May cause skin and/or respiratory sensitization after prolonged contact. May be harmful if swallowed. **Deliberate misuse by inhalation of vapors may be harmful or fatal. Strictly follow all usage, handling and storage instructions.**

#### First Aid

**Eyes** – Hold eyelids apart and flush thoroughly with water for 15 minutes. **Skin** – Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. **Inhalation** – Remove to fresh air. **Ingestion** – Do not induce vomiting. Dilute with water. Contact physician. **In all cases contact a physician immediately if symptoms persist.**

#### Further Information

**In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.** For more information, consult Material Safety Data Sheet and Product Data Sheet, contact Sika Technical Services at [tsmh@us.sika.com](mailto:tsmh@us.sika.com) or visit [www.sikausa.com](http://www.sikausa.com).

Copies of the following publications are available on our website [www.sikausa.com](http://www.sikausa.com):

- Material Safety Data Sheets
- Product Data Sheet
- AGR Technician Training Manual

#### In case of emergency call:

**Chemtrec: 800-424-9300**  
**International: 703-527-3887**

For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Material Safety Data Sheet containing physical, ecological, toxicological and other safety related data. It is highly

Further information available at:  
[www.sikausa.com](http://www.sikausa.com)

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recommended to read the actual Material Safety Data Sheet before using the product.

- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- KEEP CONTAINER TIGHTLY CLOSED

#### Packaging Information

Cartridge	300 ml
Unipac	600 ml

#### Value Basis

All technical data stated in this Product Data Sheet are based on laboratory tests only. Actual measured data in the field may vary due to site specific conditions which are not known to Sika and beyond our control.

#### Handling and Storage

SikaTack® MOVE<sup>IT</sup> must not be stored above 75°F. Unopened cartridges and unipacs have a shelf life of 9 months in cool, dry conditions. If stored above 75°F, the shelf life could be reduced from the stated 9 months. Avoid direct contact. Wear personal protective equipment (chemical resistant goggles / gloves / clothing) to prevent direct contact with skin and eyes. Use only in well ventilated areas. Open doors and windows during use. Use a properly fitted NIOSH respirator if ventilation is poor. Wash thoroughly with soap and water after use. Remove contaminated clothing and laundry before reuse.

#### Clean Up

Use personal protective equipment (chemical resistant gloves / goggles / clothing). Without direct contact, remove spilled or excess product and place in suitable sealed container. Dispose of excess product and container in accordance with applicable environmental regulations.

#### Limited Material Warranty

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED**

**SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

#### Legal Notes/Disclaimer

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s).

Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at [www.sikausa.com](http://www.sikausa.com) or by calling 201-933-8800.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Material Safety Data Sheet which are available at [www.sikausa.com](http://www.sikausa.com). Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Material Safety Data Sheet prior to product use.

Further information available at:  
[www.sikausa.com](http://www.sikausa.com)

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