

**SikaTack® Ultrafast**

Fast, Black-Primerless, warm applied direct glazing adhesive

## Technical Product Data

Chemical base	1-C polyurethane
Colour (CQP <sup>1)</sup> 001-1)	Black
Cure mechanism	Humidity-curing
Density (uncured) (CQP006-4)	1.1 kg/l approx.
Non-sag properties	Very good
Application temperature	80°C (175°F)
Tack-free time <sup>2)</sup> (CQP019-1)	10 min. approx.
Open time <sup>2)</sup> (CQP526-1)	5 min. approx.
Curing speed (CQP049-1)	(see diagram)
Shrinkage (CQP014-1)	2% approx.
Shore A hardness (CQP023-1 / ISO 868)	60 approx.
Tensile strength (CQP036-1 / ISO 37)	7 N/mm <sup>2</sup> approx.
Elongation at break (CQP036-1 / ISO 37)	400% approx.
Tear propagation resistance (CQP045-1 / ISO 34)	12 N/mm approx.
Tensile-shear strength (CQP046-1 / ISO 4587)	4.0 N/mm <sup>2</sup> approx.
Specific resistance (CQP 079-2 / ASTM D 257-99)	10 <sup>9</sup> Ω cm approx.
Service temperature (CQP513-1)	-40 - 90°C (-40 - 195°F)
Shelf life (storage below 25°C) (CQP016-1)	9 months

<sup>1)</sup> CQP = Corporate Quality Procedure<sup>2)</sup> 23°C (73°F) / 50% r.h.**Description**

SikaTack® Ultrafast is an elastic 1-C polyurethane direct glazing adhesive with excellent working characteristics in terms of cut-off string and non-sag properties.

SikaTack® Ultrafast is manufactured in accordance with ISO 9001 / 14001 quality assurance system and with the responsible care program.

**Product Benefits**

- 1 component formulation
- Very short cut-off string
- Excellent application properties
- Black primerless
- Fast curing

**Areas of Application**

SikaTack® Ultrafast is suitable for direct glazing applications in various markets.

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



## Cure Mechanism

SikaTack® Ultrafast cures by reaction with atmospheric humidity. At low temperatures the water content of the air is lower and the curing reaction proceeds somewhat more slowly (see diagram 1).

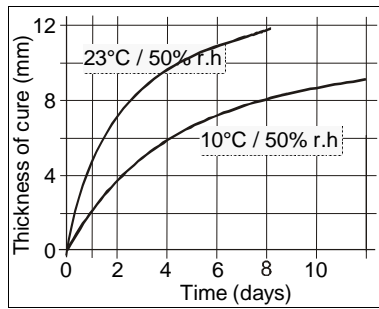


Diagram 1: Curing speed for SikaTack® Ultrafast

## Chemical Resistance

SikaTack® Ultrafast is resistant to fresh water, aqueous windscreen cleaning solutions, dilute acids; temporarily resistant to fuels, mineral oils and fats; not resistant to organic acids, alcohol, concentrated mineral acids and caustic solutions or paint thinners.

The above information is offered for general guidance only. Advice on specific applications will be given on request.

## Method of Application

### Surface preparation

Surfaces must be clean, dry and free from grease, oil and dust. Additional surface treatment depends on the specific nature of the substrates and manufacturing process and must be determined by preliminary tests.

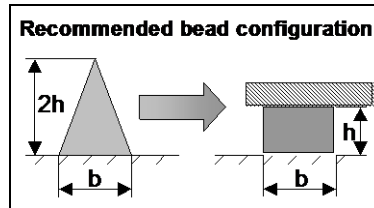
Advice on specific applications is available from the Technical Service Department of Sika Industry.

## Application

Cartridges and Unipack need to be heated prior the application. This usually takes 60 minutes in a cartridge/Unipack oven set at 80°C. Sika-Tack® Ultrafast can be reheated from cold several times, but must not be kept at 80°C for more than 10 hours in total.

For satisfactory results the adhesive must be applied with a piston-type cartridge gun (hand-, compressed-air-, or battery-operated). Do not apply at ambient temperatures below 10°C or above 35°C. The optimum temperature for the substrate is between 15°C and 25°C.

To ensure an uniform thickness of the adhesive bead, we recommend to apply it in form of a triangular bead (see illustration).



The glass must be placed in position within 5 minutes of starting to apply the adhesive.

## Removal

Uncured SikaTack® Ultrafast 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 should be washed immediately using Sika® Handclean Towel or a suitable industrial hand cleaner and water. Do not use solvents!

## Further Information

Working instructions issued for a defined application may further specify technical data contained in this Product Data Sheet.

Copies of the following publications are available on request:

- Material Safety Data Sheets
- General Guidelines Bonding and Sealing with Sikaflex®

## Packaging Information

Cartridge	300 ml
Unipack	360 ml

## Value Bases

All technical data stated in this Product Data Sheet 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 Material Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

## Legal Notes

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.

Further information available at:  
[www.sika.co.uk](http://www.sika.co.uk)  
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