

## PRODUCT DATA SHEET

## SikaFast®-570 L25

Fast 2-component structural adhesive for window corner bonding

## TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Properties	Component A SikaFast®-570 L25	Component B SikaFast®-555
Chemical base	Acrylate	
Color (CQP001-1)	White	Grey
	mixed	Grey
Cure mechanism	Radical polymerization	
Density	1.70 kg/l	1.50 kg/l
	mixed (calculated)	1.68 kg/l
Mixing ratio	by volume	10 : 1
	by weight	10 : 0.88
Consistency	Thixotropic paste	
Viscosity (CQP029-4)	at 10 s <sup>-1</sup> 90 Pa·s <sup>A</sup>	115 Pa·s <sup>A</sup>
Application temperature	5 – 40 °C	
Open time (CQP526-2)	25 minutes <sup>A</sup>	
Handling time (CQP046-11 / ISO 4587)	1.5 hours	
Shore D hardness (CQP023-1 / ISO 48-4)	75 <sup>B, C</sup>	
Tensile strength (CQP036-1 / ISO 527)	20 MPa <sup>B, C</sup>	
Elongation at break (CQP036-1 / ISO 527)	1 % <sup>B, C</sup>	
E-Modulus (CQP036-1 / ISO 527)	3000 MPa <sup>B, C</sup>	
Tensile lap-shear strength (CQP046-6 / ISO 4587)	7 MPa <sup>B, C, D</sup>	
Service temperature (CQP513-1)	-40 – 80 °C	
Shelf life	9 months	

CQP = Corporate Quality Procedure

A) Rheometer PP = 25, d = 1 mm

B) 23 °C / 50 % r. h.

C) cured for 1 week at 23 °C

D) adhesive layer: 25 x 12.5 x 1.5 mm / on aluminum

## DESCRIPTION

SikaFast®-570 L25 is an acrylate based, fast curing, structural, 2-component adhesive. It has a pasty-like consistency allowing for easy and precise application.

It is suitable for window and door corner bonding and provides good adhesion on various substrates.

## PRODUCT BENEFITS

- Strength development within minutes after application
- Adhesion to a wide range of substrates without or with limited surface preparation
- Solvent and acid free
- Lower odor than products containing MMA
- Diisocyanate-free

## AREAS OF APPLICATION

SikaFast®-570 L25 is designed for window and door corner bonding but can as well replace mechanical fixations on other industrial applications.

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

## PRODUCT DATA SHEET

SikaFast®-570 L25

Version 01.01 (04 - 2026), en\_DE

012905585700001000

## CURE MECHANISM

SikaFast®-570 L25 cures according to radical chain polymerization.

Open and handling time are influenced by mixing ratio deviations as well as temperature. The higher the temperatures, the shorter the open and handling times are and vice versa.

Adjustment of the bonded assembly is only possible within the open time.

## CHEMICAL RESISTANCE

In the view of potential chemical or thermal exposure, it is required to conduct a project related testing.

## METHOD OF APPLICATION

### Surface preparation

Surfaces must be clean, dry and free from grease, oil and dust. Remove all loose particles or residues by cleaning it thoroughly. For best adhesion performance on non-porous substrates pre-treat the bonding area with Sika® ADPrep prior to the bonding process.

Due to the diversity of materials, preliminary tests with original substrates are necessary.

### Application

SikaFast®-570 L25 is applied with a mixing ratio of 10:1 by volume from cartridges.

If applied in large masses, heat is generated by the exothermic reaction. To avoid excessive temperature increase, bond line thickness is limited to 3 mm.

Optimum temperature for the bonding process is between 15 °C and 25 °C. The approved temperature range for substrates and adhesive is between 5 °C and 40 °C. The influence of the reactivity by temperature changes must be respected.

After the open time has elapsed the bonded parts must not be moved against each other anymore. When the handling time is reached the parts can be moved if no additional stress is distributed to the bond line.

SikaFast®-570 L25 shall be processed with pneumatic or electric driven piston guns.

### Removal

Uncured excess of SikaFast®-570 L25 can be removed easily before curing with a dry wipe, with Sika® Remover-208 or another suitable solvent. Once the adhesive is cured it can only be removed mechanically.

Hands and exposed skin have to be washed immediately using hand wipes such as Sika® Cleaner-350H or a suitable industrial hand cleaner and water. Do not use solvents on skin.

### STORAGE CONDITIONS

All components of SikaFast®-570 L25 have to be stored at temperature below 25 °C in a dry place. Do not expose it to direct sunlight or frost.

### 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

### PACKAGING INFORMATION

SikaFast®-570 L25 (A+B)

Dual cartridge	490 ml
Mixer: Ritter KSM 18-K	

## 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

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

SikaFast®-570 L25  
Version 01.01 (04 - 2026), en\_DE  
012905585700001000

## Sika Deutschland CH AG & Co KG

Industry  
Stuttgarter Straße 139  
72574 Bad Urach  
Tel. +49 7125 940-7692  
verkauf.industry@de.sika.com  
www.sika.de

