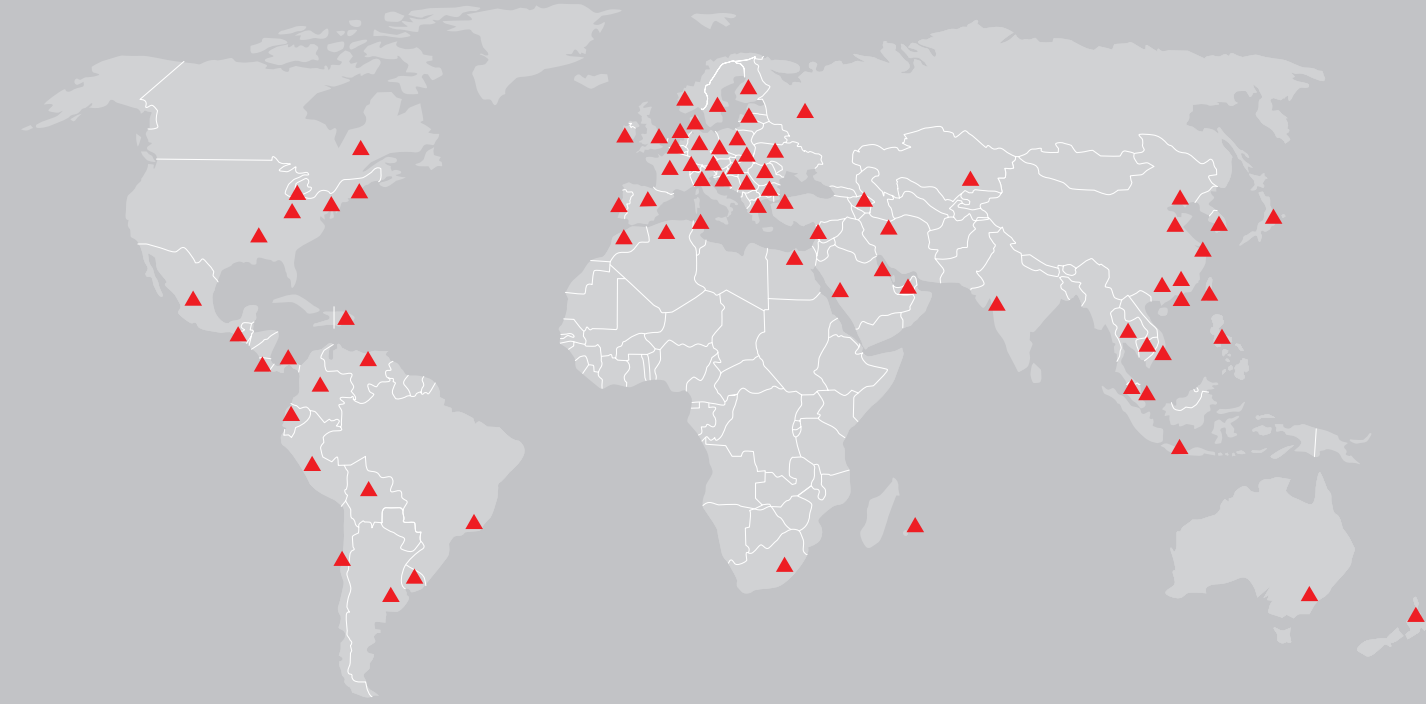


GLOBAL BUT LOCAL PARTNERSHIP



Sika is a globally active company supplying the specialty chemicals markets. It is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting load-bearing structures in construction (buildings and infrastructure construction) and in industry (vehicle, building components, equipment production, solar and wind power).

Sika's product lines feature high-quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring and membranes. Subsidiaries in more than 101 countries worldwide and approximately 20,000 employees link customers directly to Sika.

CONTACT US:

Sika Industry
30800 Stephenson Highway, Madison Heights, MI 48071
Phone: 800-688-7452
sikaindustry.com

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.** Sale of Sika products are subject Sika's Terms and Conditions of Sale available at <http://usa.sika.com/> or by calling 201-933-8800.

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.

SPEED WITHOUT RE-ENGINEERING



Sikaflex® Booster ELIMINATE BOTTLENECKS IN ADHESIVE BONDING

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Sikaflex® Booster

Sikaflex® Booster – Cope with adhesive bonding process bottlenecks

THE USE OF ADHESIVES IN INDUSTRIAL ASSEMBLY HAS BECOME A STANDARD THROUGHOUT ALL KINDS OF INDUSTRIES. While your output grows, process steps may become production bottlenecks. Adhesive bonding processes are no different from other assembly steps. When working with adhesives the following can become critical:

- Surface preparation
- Adhesive application
- Attaining enough handling strength to avoid taping, spacers, etc.

Sikaflex® Booster
TECHNOLOGY:

- Speeds up the adhesive curing reaction
- Maintains adequate working time
- Can be interchanged with the corresponding 1 Component material



FOR INDUSTRIAL AND VEHICLE ASSEMBLY

- Reduce waiting time for subsequent steps
- Optimize assembly order
- Maintain performance regardless of workshop temperature (e.g., in winter)
- Reduce use of spacers and tape

FOR COMMERCIAL VEHICLE REPAIR

- Significantly reduced vehicle downtime
- Allows service work almost immediately after glass replacement
- Reliable sensor calibration right after glass replacement
- Reduced comeback rate due to reaching high-strength quickly

SEE HOW POWERFUL Sikaflex® Booster IS....



[Watch Video](#)



HIGHER
THROUGHPUT



SHORTER
DOWNTIME



LOWER
LABOR COST

Sikaflex® Booster

All possibilities from small scale to fully automated adhesive bonding processes

Sikaflex® Booster ADHESIVE TECHNOLOGY IS PROVEN BY NUMEROUS INDUSTRIAL USERS ALL AROUND THE WORLD. With the introduction of the PowerCure dispensing and packaging platform, smaller users or adhesive bonding jobs can also benefit from the technology. The PowerCure system is as powerful and reliable as industrial pump and dosing equipment.

Sikaflex® Booster BULK DISPENSING



Compatible dispensing and dosing equipment is widely available. Sika provides support for equipment selection as well as integration into automated assembly lines. Contact us for details.



PowerCure DISPENSER

- Ergonomic and simple handling
- Precise as industrial pump dosing and dispensing equipment
- Flexible and mobile use



PowerCure PACKAGING

- Efficient sausage packaging
- Significantly smaller waste value than any 2 Component system on the market
- Automatic opening by the PowerCure Dispenser



PowerCure MIXER

- Dynamic and efficient mixer
- Smaller waste volume than static mixers
- High throughput (up to 6 ml/s)
- Available as screw-on adapter for custom nozzle design



reddot design award
winner 2018



DESIGN
AWARD
2016

WHY Sikaflex® Booster?

Faster process with no need to re-engineer vehicle design

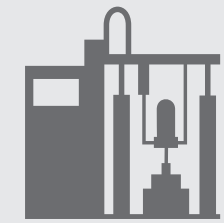
Sikaflex® Booster provides some unique features that make it a better choice in typical industrial assembly processes than regular 2 component materials.

SIKA'S SYSTEM PRODUCT

SAME END PERFORMANCE

FAIL-PROOF

FLEXIBLE, EVOLVES WITH YOUR PROCESS



Sikaflex® Booster



1 Component



Sikaflex® Booster PowerCure



HIGHER THROUGHPUT



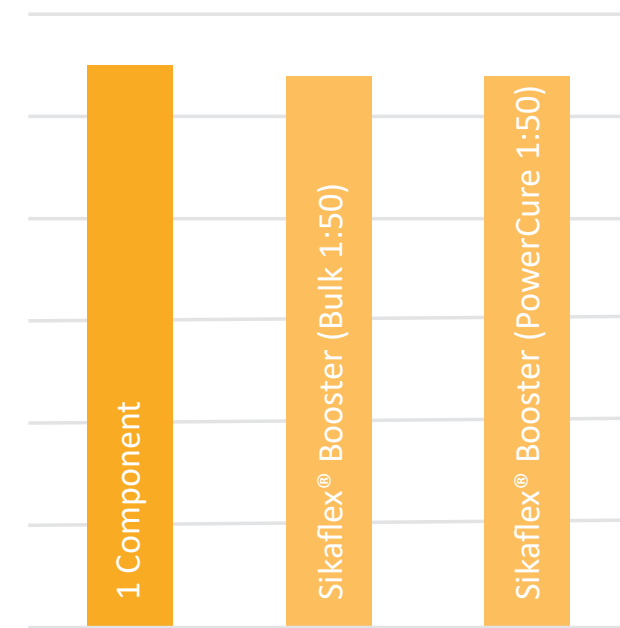
SAVE MATERIAL COSTS



ROBUST PROCESSING

1 Component Technology	2 Component Technology	Sikaflex® Booster Technology
CURING FROM OUTSIDE ONLY	CURING FROM INSIDE ONLY	CURING FROM INSIDE AND OUTSIDE
+ Easy handling	+ Fast strength development	+ Fast strength development
+ Reliable performance	+ Many performance specs	+ Same end performance with/without Booster
- Slow curing in cold	- Limited availability in small pack size (waste/cost)	+ Available in bulk and small pack (PowerCure)
	- Performance dependent on mixing accuracy	+ Fail-proof with curing by Booster or air moisture

Tensile Lap-shear Strength [MPa]



Sikaflex® Booster Solutions:
Mixing 2% Booster Paste
No significant influence on final adhesive properties (strength, elongation, durability, adhesion)

Sikaflex® Booster Solutions

A range of possibilities

YOUR PROCESS	ASSEMBLY BONDING		HIGH STRENGTH VEHICLE GLASS BONDING
	ASSEMBLY ADHESIVE WITH MINIMAL SURFACE TREATMENT	ASSEMBLY AND GLASS BONDING WITH HIGH CHEMICAL RESISTANCE REQUIREMENTS	WINDSHIELD ADHESIVE FOR FACTORY AND REPAIR
SIKA SOLUTION	Sikaflex®-554	Sikaflex®-268	Sikaflex®-271
1 COMPONENT	■	■	■
BULK BOOSTER	■	■	■
POWERCURE	■	■	■
CHEMISTRY	STP	Polyurethane	Polyurethane
COLOR	White / Black	Black	Black
APPLICATION TEMP	Ambient temperature	Ambient temperature	Ambient temperature
OPEN TIME	15 min	30 min	15 min
CURING SPEED (1C) @ RT	3 mm (0.118 in) /day	4 mm (0.157 in) /day	4 mm (0.157 in) /day
STRENGTH DEVELOPMENT (WITH BOOSTER)	4hr: 0.5 Mpa (70 psi) 8hr: 1.0 Mpa (140 psi)	3hr: 1.0 Mpa (140 psi) 4hr: 2.0 Mpa (290 psi)	1hr: 0.7 Mpa (100 psi) 2hr: 3.5 MPa (510 psi)
CORRESPONDING BOOSTER	SikaBooster® S-50	SikaBooster® P-50	SikaBooster® P-50
TENSILE LAP SHEAR STRENGTH	2.5 Mpa (360 psi)	4.5 Mpa (650 psi)	5.0 Mpa (720 psi)
SUITABLE FOR EXTERIOR JOINTS	■■■	■■■	□□□
PRODUCT DESCRIPTION	Assembly adhesive system for bonding large components in industrial assembly. It bonds well to a wide range of substrates with minimal surface preparation.	Adhesive for bonding and joint sealing in commercial-vehicle glazing applications. Its outstanding weathering resistivity and unique resistance to a wide variety of cleaning agents make it an ideal solution for use in exterior joints in the rail industry. Sikaflex®-268 is compatible with Sika's black-primerless glass bonding process.	Adhesive for bonding materials relevant for direct glazing such as paints, glass, ceramic frits, painted and e-coated surfaces in commercial-vehicle production and repair. Sikaflex®-271 is compatible with Sika's black-primerless glass bonding process.

Always consult the most current local Product Datasheet with your local Sika Company about product availability or alternative solutions.

SIKA ADDED VALUE

Going beyond the supply of materials and products

Sika is dedicated to providing and maintaining the highest quality standards with its products and services. All Sika solutions are designed with the customers' success in mind and to establish long-lasting and mutually-beneficial relationships.

Sika Industry's well-proven solutions are equally complemented with an unmatched level of customer service and technical support. We aim to help customers to produce a better vehicle, improve processes, minimize emissions and support reduction of overall vehicle manufacturing cost.

For decades, Sika is present in the global Transportation industry and supports customers with solutions for sealing, assembly bonding, coatings as well as reinforcement and acoustic solutions. Owners and operators demand ever-lower vehicle running and repair costs combined with improved reliability and durability. Newly developed structural adhesives help to meet these requirements. Government legislation is pushing for lower vehicle emissions. Sika, as supplier and partner to the global Transportation industry, provides a range of state of the art technology solutions to assist manufacturers in meeting these challenges as well.

SIKA OFFERS ADDED VALUE SOLUTIONS THAT INCREASE YOUR PRODUCTIVITY, REDUCE YOUR COSTS, AND RESULT IN DIFFERENTIATED END PRODUCTS FOR YOUR CUSTOMER.



Our teams help from the idea through to the design stage and until the completion of a project with:

