



COMMERCIAL JOINT SEALING SOLUTIONS

POLYURETHANE, SILICONE, HYBRID AND SPECIALTY SEALANTS

BUILDING TRUST



INNOVATION

Sika is an innovative leader with over 100 years of experience developing and supplying products to the construction industry across a wide range of application areas. This includes Sika's sealant product line which boasts a full range of polyurethane, silicone, silyl-terminated hybrid, polyurea, and polysulfide.

These innovation efforts go beyond the products themselves and extend into all aspects of the business including production. Here they have the capability to increase quality and help deliver overall better products to the market. Sika continues to develop and invest in sealant production to find a solution for most projects.



LEADERSHIP



Sikaflex®-1a and Sikaflex® NP1 have long set the standard for one-component polyurethane sealants in the US. Our innovative base product line has laid the groundwork for the development of many new products. Sikaflex®-2c NS EZ Mix+ is a two-component sealant that offers a true +/-50% movement capability and is easier than ever to mix and tool. Sikaflex®-2c NS Arctic is the first sealant designed to perform in temperatures as low as 15°F. Sikaflex®-444 Rapid is a groundbreaking one-component polyurethane sealant that is traffic-ready in just 4 hours. Additionally,

Sika's proprietary hybrid pre-polymers serve as the foundation for a wide range of advanced hybrid sealants, including Sikaflex® HY 150, and Sikaflex® HY 100. Sika remains committed to developing innovative product solutions that help owners, specifiers, and contractors complete projects efficiently year-round.



Green Concrete 24h
Wet Concrete 1h

Another breakthrough innovation in many of our polyurethane products, is the ability to apply sealants to green concrete 24 hours after pouring the wet mix and damp concrete just 60 minutes after a rainfall – helping owners and contractors meet critical project deadlines!



PRODUCT APPLICATIONS

1. Brick Joints
2. Metal Panel Joints
3. Natural Stone
4. Stucco
5. Curtain Wall
6. EIFS Joints
7. Window Perimeter
8. Wet Glazing
9. Park Deck Joint
10. Pre-Cast Joints
11. Store Front Window/Door
12. Highway Joints/Roadway
13. Side Walk Joints
14. Granite Facade Joints
15. Coping
16. Roof Top Joints
17. Tarmac Joints
18. Glass Facade Joints
19. Tilt Wall Joints
20. Bridge Joints
21. Paver Joints
22. Fully Immersed Joints
23. Butt Joint Glazing
24. Cast-in-Place Concrete Joints
25. Runway Joints
26. Interior Warehouse Control Joints
27. Security Sealant for Institutions
28. Roofing, Clay Roof, Metal Flashing

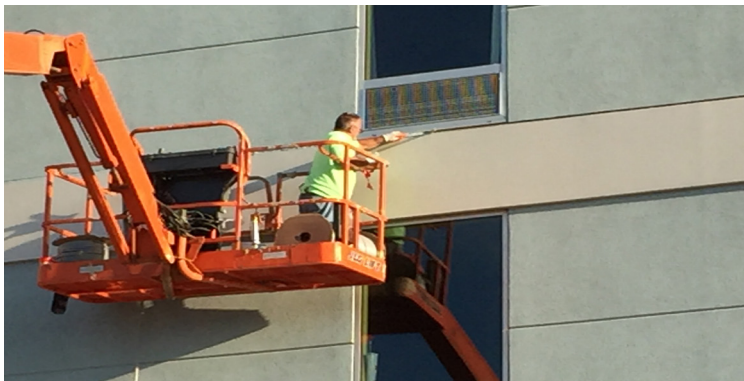
PRODUCT	APPLICATION
Sikaflex®-1a/ Sikaflex® NP 1	1 7 10 11 14 15 16 21 22 24
Sikaflex®-15 LM	1 3 4 6 7 10 11 12 15 14 19 24
Sikaflex® 1c SL Sikaflex® SL1	13 17 21
Sikaflex® TX1	1 4 7 10 11 24
Sikaflex®-444 Rapid	9 25
Sikaflex®-11 FC	1 7 9 10 11 15 22
Sikaflex®-CR195	27
Sikaflex®-2c Ns EZ Mix+	1 3 4 7 9 10 11 12 13 14 15 16 19 21 22 24
Sikaflex®-2c SL	9 12 13 21 22 25
Sikaflex®-2c NS Arctic	1 3 7 9 10 11 14 15 16 24 11 19 24
Sikaflex® HY 100	1 3 7 10 11 19 24
Sikaflex® HY 150	1 3 4 6 7 10 11 19 24
Sikasil® WS-290/ 290 FPS	1 2 3 4 5 6 7 10 11 14 18 23 24
Sikasil® WS-295/ Sikasil® 295 FPS	1 2 3 4 5 6 7 8 10 11 14 15 16 18 23 24
Sikasil® WS-305	5 7 8 11 23
Sikasil® N-Plus	1 7 10 11 15 16 21 23 24
Sikasil®-728 SL	9 12 20 25
Sikasil®-728 NS	9 12 20 25
Sikasil®-728 RCS	12 20 25
Sikaflex®-NP125	28
Sika® Loadflex-524 EZ	26
Sikadur®-58 CJR	26
Sika® Duoflex NS	1 10 22
Sika® Duoflex SL	22

ONE-COMPONENT POLYURETHANE

Sika's one-component polyurethane sealants are the foundation to our sealant product line. Sikaflex® 1a / Sikaflex®NP1 have been on the market for over 50 years with a strong, proven performance for a variety of applications. Sika's polyurethane sealants are the go-to products for contractors, specifiers, and owners who want a trusted product solution with outstanding performance.

KEY PRODUCTS:

- Sikaflex®-1a/ Sikaflex® NP1**
General purpose, Class 35 sealant for expansion joints, window perimeters, transitions, gaps, and cracks.
- Sikaflex®-15 LM**
Low-modulus, Class 100/50 sealant for high-movement joints.
- Sikaflex®-1c SL/Sikaflex® SL1**
Self-leveling, Class 25 sealant for horizontal pavement joints and cracks.
- Sikaflex® TX1**
General purpose, textured, Class 25 sealant for joints, perimeters, cracks, and gaps.
- Sikaflex®-11 FC**
General purpose, fast curing sealant / adhesive for bonding and filling cracks and gaps. Class 12.5.
- Sikaflex®-444 Rapid**
One component, polyurethane based sealant, semi self-leveling, 4-hour traffic ready when mixed with Sikaflex- 444 Rapid Booster.



	ASTM C920	Movement Capability	Consistency	Horizontal (H) Vertical (V)	Immersion Service	Potable Water NSF/ANSI 61 NSF 600	Fire Rated	Green/Damp Concrete	High Heel Traffic	Paintable	Custom Colors	Available Packaging
Sikaflex®-1a	■	+/-35%	Non-Sag	H,V	■	■		■		■	■	
Sikaflex® NP1	■	+/- 35%	Non-Sag	H,V	■		■ (2 hrs)	■		■		
Sikaflex®-15 LM	■	+100/-50%	Non-Sag	V			■ (3 hrs)			■	■	
Sikaflex®-1c SL	■	+/-25%	Self-Leveling	H				■	■			
Sikaflex® SL1	■	+/-25%	Self-Leveling	H								
Sikaflex® TX1	■	+/-25%	Non-Sag	H,V						■		
Sikaflex®-11 FC	■	+/-12.5%	Non-Sag	H,V	■	■						
Sikaflex®-444 Rapid	■	+/- 35%	Semi-Self Leveling	H								

-Cartridge -Sausage -Pail -Drum 1- Primer required

TWO-COMPONENT POLYURETHANE

Sika's two-component polyurethane sealants are a staple of the parking garage and tilt-wall markets. With the ability to cure in cold temperatures and cure faster than standard one-component sealant, the Sikaflex® two-components offer a premier choice for contractors and specifiers.



KEY PRODUCTS:

- Sikaflex®-2c NS EZ Mix+**
Non-sag, true Class 50 sealant. Can be applied to green and wet concrete.
- Sikaflex®-2c SL**
Self-leveling, Class 25 with capability of 50% movement when applied with hourglass shape and 2:1 width to depth ratio.
- Sikaflex®-2c NS Arctic**
Non-sag, Class 25, for use in freezing conditions. It can be mixed, gunned, tooled and cured at temperatures down to 15°F.



	ASTM C920	Movement Capability	Consistency	Horizontal (H) Vertical (V)	Immersion Service	Potable Water NSF/ANSI 61 NSF 600	Fire Rated	High Heel Traffic	Color Paks (available)	Available Packaging
Sikaflex®-2c NS EZ Mix+	■	+/-50%	Non-Sag	H,V	■ ¹	■	■ (2 hrs)	■ ²	■ ³	1.5 Gal 3.0 Gal
Sikaflex®-2c SL	■	+/-50%	Self-Leveling	H	■ ¹		(2 hrs)	■	■ ³	1.5 Gal 3.0 Gal
Sikaflex®-2c NS Arctic	■	+/-25%	Non-Sag	H,V	■ ¹				■ ³	1.5 Gal

-Pail 1 -Primer required 2 -EZ Mix+ TG Additive 3 -Custom color matching available

BUILDING SILICONE

The Sikasil® line of products represents the highest level of silicone sealant performance. The Sikasil® technology is built around achieving primerless adhesion to concrete along with outstanding adhesion to common non-porous surfaces. Sika's non-staining, high performance line of silicone sealants are used in applications from low-rise buildings to high-rise facade joints!

KEY PRODUCTS:

Sikasil® WS-295
Low modulus, Class 50, non-staining, neutral cure silicone building sealant.

Sikasil® WS-290
Ultra-low modulus, Class 100/50, non-staining, neutral cure silicone building sealant.

Sikasil® WS-305
Low modulus, Class 50, optimized, neutral cure silicone building sealant.

Sikasil®-N Plus
Class 25, mildew-resistant, neutral cure.

Sikasil®-GP
General purpose, mildew-resistant, acetoxysilicone sealant.

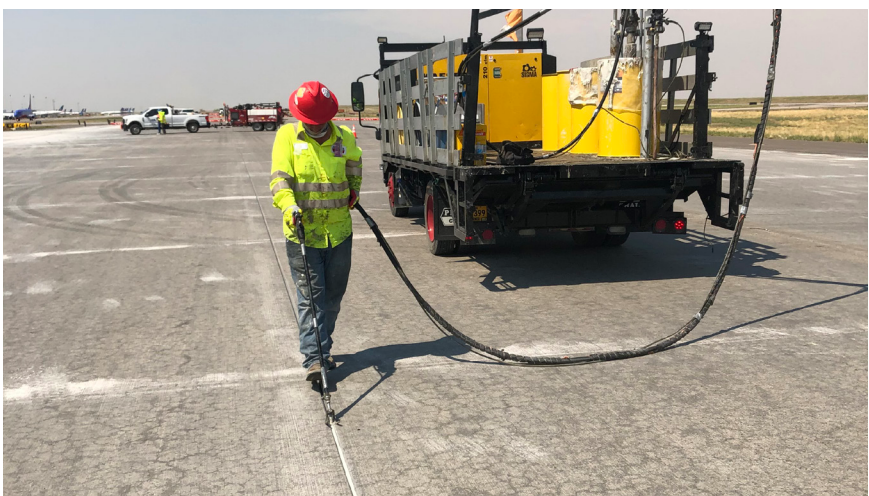


	ASTM C920	Movement Capability	Consistency	Horizontal (H) Vertical (V)	Non-Staining	Wet Glazing	Universal Color Paks (51 Colors)	Batch Produced Custom Colors	Available Packaging
Sikasil® WS-295	■	+/-50%	Non-Sag	V	■	■		■	
Sikasil® WS-295 FPS	■	+/-50%	Non-Sag	V	■	■	■		
Sikasil® WS-290	■	+100/-50%	Non-Sag	V	■			■	
Sikasil® WS-290 FPS	■	+100/-50%	Non-Sag	V	■		■		
Sikasil® WS-305	■	+/-50%	Non-Sag	V		■			
Sikasil®-N Plus	■	+/-25%	Non-Sag	V					
Sikasil®-GP			Non-Sag	V					

-Cartridge -Sausage -Pail -Drum 1- Custom color available

HIGHWAY & BRIDGE SILICONE

Sika also offers a range of silicone sealants for DOT applications which allow for performance in a variety of project types. Bridge joints that require fast turn around generally use Sikasil®-728 RCS, a rapid curing two-component silicone. While standard highway pavement applications typically require the self-leveling Sikasil®-728 SL for easy application and high production for miles of highway!



KEY PRODUCTS:

Sikasil®-728 SL
Self-leveling, Class 100/50, neutral cure silicone sealant.

Sikasil®-728 NS
Non-sag, Class 100/50, neutral cure silicone sealant.

Sikasil®-728 RCS
Self-leveling, Class 100/50, rapid curing sealant.



	ASTM C920	ASTM D5893	Movement Capability	Consistency	Horizontal (H) Vertical (V)	Rapid Cure	Colors	Available Packaging
Sikasil®-728 SL	■	■	+100/-50%	Self-Leveling	H		Limestone Charcoal	
Sikasil®-728 NS	■	■	+100/-50%	Non-Sag	V,H		Limestone Charcoal	
Sikasil®-728 RCS	■	■	+100/-50%	Self-Leveling	H	■	Limestone	

-Cartridge -Sausage -Pail -Drum

HYBRID

Sika's proprietary silyl-terminated hybrid sealants are unmatched in performance and quality. By creating our own pre-polymers, Sika has the advantage in performance capabilities that cannot be obtained by using off the shelf chemistry!

KEY PRODUCTS:

Sikaflex® HY 150
High performance, Class 100/50, ultra low-modulus, non-sag, and fast-curing hybrid sealant. High movement, ideal for stucco and EIFS.

Sikaflex® HY 100
High performance, Class 50, low-modulus, non-sag hybrid sealant. The workhorse of Sika's Silyl-Terminated sealant line with proven long-term performance when a lower modulus sealant is needed.

SikaHyflex®-407 EverFlash Universal
Non-sag, Class 12.5, silyl-terminated hybrid sealant with special adhesion to low-surface tension materials and compatibility with most peel and stick flashing.

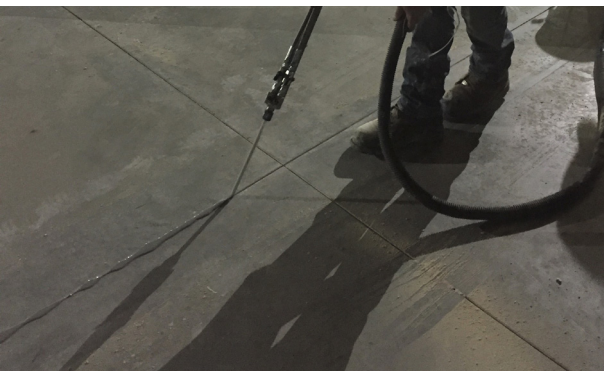


	ASTM C920	Movement Capability	Consistency	Horizontal (H) Vertical (V)	Paintable (wet-on-wet)	TintBase (available)	EIFS suitable (ASTM C1382)	Available Packaging
Sikaflex® HY 150	■	+100%/-50%	Non-Sag	V	■	■ ²	■	
Sikaflex® HY 100	■	+/-50%	Non-Sag	V	■	■ ²	■	
SikaHyflex®-407 EverFlash Universal	■	+/-12.5%	Non-Sag	V				

-Cartridge -Sausage -Pail 1- Primer required 2- Custom Color Pack (available)

SPECIALTY

Sika's wide selection of specialty sealants include application areas such as control joints in vast warehouses or distribution center flooring which require the use of a polyurea fast cure control joint resin or epoxy control joint resin. Chemical facilities also need joint sealants for secondary containment areas which use polysulfide sealants for chemical resistance. Educational and penitentiary facilities are some other examples of environments that need specialty joint fillers that are hard enough to be pick proof. These specialty group of sealants are available to support a variety of application areas to meet most any project need!



KEY PRODUCTS:

Sika® Loadflex-524 EZ
Rapid curing, self-leveling, polyurea control joint resin. Can be shaved in under 5 minutes.

Sikadur®-58 CJR
Self-leveling, epoxy control joint resin.

Sika® Duoflex NS
Non-sag, chemical resistant polysulfide sealant.

Sika® Duoflex SL
Self-leveling, chemical resistant polysulfide sealant.

Sikadur®-31 Hi-Mod Gel
Non-sag, epoxy pick-proof joint resin.

Sikaflex® NP125
Class 12.5, Roofing adhesive, single-component, synthetic rubber based adhesive with fast tack-free time with tenacious bond to common roofing materials (including roof tiles, metal flashing, shingles, etc).

Sikaflex® CR195
Class 25 polyurethane, pick resistant excellent for security applications that require elasticity, abrasion and puncture resistance.

	ASTM C920	Movement Capability	Consistency	Horizontal (H) Vertical (V)	Chemical Resistant	Immersion Service	Control Joint	Pick Proof	Roof Applications	Available Packaging
Sika® Loadflex-524 EZ		-	Self-Leveling	H			■			
Sikadur®-58 CJR		-	Self-Leveling	H			■			
Sika® Duoflex NS	■	+/-25%	Non-Sag	V,H	■	■ ¹				
Sika® Duoflex SL	■	+/-25%	Self-Leveling	H	■	■ ¹				
Sikadur®-31 Hi-Mod Gel		-	Non-Sag	V				■		
Sikaflex® NP125	■	+/-12.5%	Non-Sag	H,V					■	
Sikaflex® CR195	■	+/-25%	Non-Sag	H,V				■		

- Cartridge -Sausage - Pail 1- Primer required

WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

RELATED BROCHURES



AIR BARRIER CAPABILITIES
SYSTEMS AND SOLUTIONS

Excellent Building Envelope Systems & Solutions



Sikalastic® Traffic Coating Systems

VEHICULAR AND PEDESTRIAN WATERPROOFING SOLUTIONS

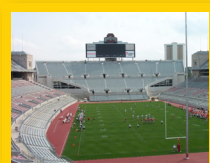


PILE REPAIR SOLUTIONS

SIKA'S STRUCTURAL REPAIR AND PROTECTION SOLUTIONS
FOR CONCRETE, TIMBER, AND STEEL PILES



SIKA SOLUTIONS FOR BRIDGES
SYSTEMS AND CAPABILITIES



SIKA STADIUM CAPABILITIES
SYSTEMS AND SOLUTIONS



Sikadur® EPOXY SOLUTIONS
CONSTRUCTION EPOXIES



SIKAQUICK®
PRODUCT SOLUTIONS



SIKATOP®
PRODUCT SOLUTIONS



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

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