



Sikasil®  
ENGINEERED SILICONE  
SEALANTS AND ADHESIVES  
FOR CONSTRUCTION AND INDUSTRY

BUILDING TRUST  
CONSTRUIRE LA CONFIANCE



# SEALING AND BONDING with Sikasil®

Sikasil® represents a proven line of high performance silicone sealants and adhesives for structural glazing, weather and joint sealing, insulated glass and a variety of specialty applications.

The Sikasil® range, combined with our Sikaflex® and SikaBond® polyurethane technologies, is engineered to provide a wide cross-section of properties, allowing specifiers, manufacturers and applicators to select the best product for their needs. Silicones are easy to apply even at sub-zero temperatures, offer superior adhesion to glass and non-porous substrates, excellent movement capabilities, greater service temperature ranges, prolonged durability and long-lasting weathering resistance.

Sikasil® expands upon Sika Canada’s comprehensive portfolio of sealants and adhesives. These products are also well-established and extensively employed in construction and industry, worldwide.

## USES AND BENEFITS

- Sikasil® glazing products provide the key characteristics for continuously evolving and challenging architectural designs.
- Sikasil® silicones afford the opportunity to install weatherseals all year round and provide long-term protection to building envelopes in all seasons.
- Sikasil® sealants provide durable protection to moving joints on parking decks, bridges, airport runways and other horizontal applications.
- Sikasil® insulated glass sealants and adhesives offer improved adhesion values, fast-curing capabilities and long-term sealing of glazing units in manufacturing.



## THE PRODUCT RANGE

Sikasil® materials instill confidence and ensure performance, with the following products being at the forefront:

- **Sikasil® WS-290 & WS-290 FPS**  
One-part, neutral-cure, ultra-low modulus and non-bleed sealants, either pre-pigmented or pigmented on site.
- **Sikasil® WS-295 & WS-295 FPS**  
One-part, neutral-cure and non-bleed high performance sealants and adhesives, either pre-tinted or pigmented in the field.
- **Sikasil®-728 NS & -728 SL**  
One-part, neutral-cure and ultra-low modulus non-sag and self-levelling sealants.
- **Sikasil®-GP**  
One-part, non-sag, anti-microbial and acetoxycure, general-purpose silicone sealant and adhesive.
- **Sikasil®-N plus<sup>US</sup>**  
One-part, professional-grade neutral-cure, silicone construction sealant.
- **Sikasil® SG-10**  
One-part, non-sag and fast-curing, neutral-cure silicone sealant.

# PRODUCT INFORMATION

## CONSTRUCTION

Sikasil®, Sikaflex® and SikaBond® sealants and adhesives have all been developed to meet industry recognized standards for their particular uses, as well as to achieve success in an increasingly demanding construction market.

From structural glazing to parking decks, Sikasil® brings a broad spectrum of characteristics and benefits to buildings, civil engineering and infrastructure projects.

ABOND® sealants en developed to standards for their to achieve success ing construction		Movement Capabilities	SPECIFICATIONS/STANDARDS										WHERE TO USE														
			Meets ASTM C920	Meets ASTM C1184	Meets ASTM D5693	Meets Fed Spec TT-S-001543A	Meets Fed Spec TT-S-00227E	Meets Fed Spec TT-S-00230C	Meets CAN/CGSB 1913-M87	Meets AAMA Standard 805.2	Meets AAMA Standard 808.3	Meets California Air Resources Board 2003 VOC Standards	Precast concrete	Brickwork and masonry blocks	EIFS and stucco	Cast-in-place concrete	Horizontal concrete pavement	Parking decks	Highways (pavements)	Runways (pavements)	Tilt-up walls	Window and door perimeters	Conventional Glazing	Structural Glazing	Control joint in horizontal concrete (exterior)	Coping joints	Reglet joints
PRODUCTS																											
Sikasil® WS-290 / Sikasil® WS-290 FPS	+100% -50%	•			•		•	•		•	•	•	•	•	•	•				•	•	•			•	•	
Sikasil® WS-295 / Sikasil® WS-295 FPS	+50% -50%	•	•*				•	•	•	•	•	•	•	•	•	•				•	•	•	•*		•	•	
Sikasil®-N plus <sup>US</sup>	+25% -25%	•			•		•	•			•	•	•		•	•				•	•	•			•	•	
Sikasil®-GP	+25% -25%	•			•			•			•										•						
Sikasil®-728 NS / Sikasil®-728 SL	+100% -50%	•		•	•		•				•					•	•	•	•					•			•

\* Sikasil® WS-295 only and with the written approval of Sika Canada's Technical Services.

## INDUSTRY

Sika's Sikasil® sealing and bonding product lines offer quality sealants and adhesives for a wide variety of industrial sectors, including Fenestration, Façades, HVAC, Marine and Transportation.

In manufacturing, the Sikasil® range of products are used to structurally bond and glaze windows, to manufacture HVAC components and to seal trucks, trailers and RVs. They also have numerous applications in installation work, such as for sealing in shipbuilding and repair work, sealing and back-bedding windows, impact back-bedding hurricane windows, for façade and curtain-wall assemblies, and much more.

Our silicones, which can be used on a host of manufacturing materials, are appreciated for their ease-of-use, their fast-curing properties, the strong bonds they create and their permanent elasticity.

PRODUCTS	Movement Capabilities	SPECIFICATIONS/ STANDARDS				WHERE TO USE												
		Meets ASTM C920	USDA Acceptance	Meets Fed Spec TT-S-001543A	Meets Fed Spec TT-S-00230C	Florida Building Code-approved for Glazing	Window, Door and Skylight Perimeters	Conventional Glazing	Window and Door Fabrication	Structural Glazing Applications	Insulating Glass**	Appliance Manufacturing	Heating and Refrigeration Units	Curtain Wall Assembly	Sanitary Seals	Kitchen and Bath Installations	Trucks/Trailers/Caravans	Marine Cabins
Sikasil® WS-290	+100% -50%	•		•	•		•	•	•					•				
Sikasil® WS-295	+50% -50%	•					•	•	•	•*								
Sikasil®-N plusUS	+25% -25%	•	•	•	•	•	•	•	•		•	•	•				•	•
Sikasil®-CP	+25% -25%		•	•				•			•	•		•		•	•	•
Sikasil® SG-10	+25% -25%		•	•	•	•	•			•					•		•	•

\* Written approval from Sika Canada's Technical Services to be obtained prior to use.  
\*\* For Insulating Glass applications, please consult your Sika Representative for product selection guidance.

## SIKA'S SEALANTS AND ADHESIVES

The environments in which we live and work continue to become more exacting with the passage of time. Buildings, structures, manufactured goods and even people have to operate in extremes of weather and must withstand unforeseen, natural events.

Sikasil®, Sikaflex® and SikaBond®, being based upon proven and high quality technologies, assist in delivering security of performance, something to be depended upon.

Sika's sealants and adhesives are developed and manufactured under strict ISO quality control and environmental management programmes, ensuring consistent results, responsible use of resources and reduced impact upon the environment.

The materials within Sika's ever-expanding Sikasil®, Sikaflex® and SikaBond® lines are often independently assessed and approved by construction or industry recognized organizations, adding further assurance. Specification and use of our sealants and adhesives enables those who do so, to experience the benefits of reliable performance accompanied by unparalleled project support.

# SIKA SOLUTIONS FROM ROOF TO FOUNDATION

## Roofing Systems



**Sarnafil®**  
**Sikaplan®**  
**Sikalastic®**

## Concrete Production



**Sika® ViscoCrete®**  
**Sika® Retarder®**  
**Sika® AER<sup>CA</sup>**

## Joint Sealing



**Sikaflex®**  
**Sikasil®**  
**Sikadur® Combiflex**

## Grouting and Anchoring



**SikaGrout®**  
**Sikadur®**  
**Sika AnchorFix®**

## Concrete Repair & Protection



**Sika MonoTop®**  
**SikaTop®, SikaRepair®**  
**Sikagard®**

## Structural Strengthening



**Sikadur®, Sika® CarboDur®**  
**SikaWrap®**  
**Sika® CarboShear**

## Floor & Wall Systems



**Sikafloor®**  
**Sikagard®**  
**Sikagard® Duroplast**

## Waterproofing Systems



**SikaProof®, SikaFuko®**  
**Sika® Greenstreak®**  
**SikaSwell®, SikaFix®**

Sika Canada Inc., a member of the Sika Group, is a leader in the field of speciality chemicals for construction and manufacturing industries. Our product lines feature high quality roofing systems, concrete admixtures, mortars and resins, sealants and adhesives, structural strengthening components, industrial and decorative flooring, as well as protective coatings and waterproofing systems. Our expertise is borne out of a global presence and served by strong, local support. Sika has earned the trust of our customers for over 100 years, by delivering the highest standards of commitment and partnership.

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, within their shelflife. 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

### SIKA CANADA INC.

**Head Office**  
601, avenue Delmar  
Pointe-Claire, Quebec  
H9R 4A9

### Other locations

Toronto  
Edmonton  
Vancouver

**1-800-933-SIKA**  
**[www.sika.ca](http://www.sika.ca)**

An ISO 9001 certified company  
Pointe-Claire: ISO 14001 certified EMS

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