

Products

Sika has a sealant for every application



Sikaflex® 1a

The all purpose construction sealant. One-component, all-purpose sealant with $\pm 25\%$ joint movement capability. Easy to gun, easy to tool, fast tack-free time and primerless adhesion to a wide variety of construction substrates.



Sikaflex® 15LM

Ultra low modulus construction sealant. One-component sealant offering $+100\%/-50\%$ joint movement. Excellent in high-rise building applications requiring high movement capability.



Sikaflex® AT-Connection

Moisture-curing elastic sealant based on Hybrid Polyurethane. One-component sealant offering $\pm 25\%$ movement capability. Ideal for connection and perimeter joints between porous and non-porous substrates specifically PVC window and doors.



Sikaflex® Self-Leveling Sealant

Self-leveling construction sealant. One-component, self-leveling sealant with $\pm 25\%$ joint movement capability. Highly durable with fast cure for traffic bearing and specially suited for horizontal expansion and control joints.



Sikaflex® 2c SL

Self-leveling construction sealant. Two-component chemically curing polyurethane with $\pm 50\%$ joint movement capability. Cold weather Booster pak is available. Available in over 35 standard colours and custom colours are available upon request.



Sikaflex® 2c EZ Mix

Non-sag construction sealant. Two-component chemically curing polyurethane with $\pm 50\%$ joint movement capability. Cold weather Booster and also a TG (traffic grade) Booster are available. Available in 35 standard colours and custom colours are available upon request.



SikaSil®-C 990

Ultra low modulus silicone sealant. One-component, neutral cure silicone sealant with $+100\%/-50\%$ movement. Designed for weatherseal joint applications that require a sealant with high movement capability.



SikaSil®-C 995

Silicone building sealant. One-component, medium modulus silicone sealant with $\pm 50\%$ movement capability. Excellent for the most common weatherseal and glazing applications.

Technical Data

Typical Technical Properties of Sika Sealants								
	Sikaflex 1a	Sikaflex 15LM	Sikaflex Self-Leveling Sealant	Sikaflex 2c SL	Sikaflex 2c NS EZ Mix	SikaSil-C 990	SikaSil-C 995	Sikaflex® AT-Connection
Service Range	-40° to 77° C (-40° to 170° F)	-40° to 77° C (-40° to 170° F)	-40° to 77° C (-40° to 170° F)	-40° to 77° C (-40° to 170° F)	-40° to 77° C (-40° to 170° F)	-51° to 149° C (-60° to 300° F)	-51° to 149° C (-60° to 300° F)	-40° to 70° C (-40° to 158° F)
Tack-Free Time	4 h	3-6 h	1-2 h	6-8 h	8-10 h	1-2 h	3 h	~ 1 h
Final Cure	4-7 days	7-10 days	3-5 days	3 days	3 days	7-14 days	7-14 days	5-7 days
Elongation	500%	700%	700%	650%	250%	1000%	550%	~ 450%
Tensile Strength	1.37 MPa (200 psi)	0.86 MPa (125 psi)	3.75 MPa (550 psi)	1.2 MPa (175 psi)	0.62 MPa (90 psi)	0.82 MPa (120 psi)	0.34 MPa (50 psi)	1.3 MPa (189 psi)
Hardness, Shore A	40±5	20±5	45±5	40 ±5	25±5	15-18	27	25±5
Adhesion in Peel Bond Strength (Concrete)	3.4 N/mm (20 lb/in)	5.1 N/mm (30 lb/in)	> 5.3 N/mm (> 30 lb/in)	5.3 N/mm (30 lb/in)	> 2.63 N/mm (> 15 lb/in)	4.38 N/mm (25 lb/in)	5.25 N/mm (30 lb/in)	2.27 N/mm (13 lb/in)
Joint Movement Capability	±25%	+100%/-50%	±25%	±50%	±50%	+100%/-50%	±50%	±25%
Colours	11 standard colors, Special colors available upon request	14 standard colors, Special colors available upon request	Concrete Grey	35 standard, Pre-pigmented limestone. Over 320 special colors available upon request.		8 standard colors, Special colors available upon request		3 standard colors, Special colors available upon request

Specification Conformance:

ASTM C 920; Federal Specifications – TT-S-00230C; TT-S-001543A; TT-S-00227E

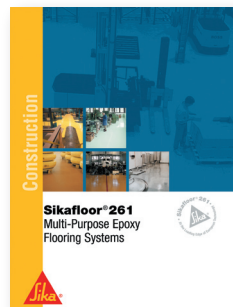
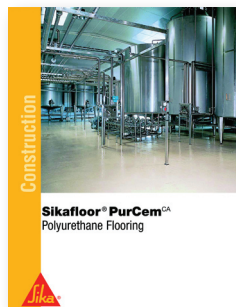
Corps of Engineers – CRD C 541; CRD C 506; CRD C 542

Meets CAN/CGSB 19.13 - M87

Meets CAN/CGSB 19.24 - M90

Approvals: ANSI/NSF – Potable Water Use; USDA – Food Contact; UL – Fire Rating

Other Sika Brochures



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 shelf life. 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under www.sika.ca.



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