

FACADE, WINDOW & DOOR PRODUCT OVERVIEW

- A

GLASS WALL GROUTING
- B

GLASS WALL GROUT SEALING
- C

INSULATED GLASS SEALING
- D

ASSEMBLING/MANUFACTURING
- E

STRUCTURAL WINDOW BONDING
- F

SOUND DAMPING
- G

PANEL BONDING
- H

WEATHERSEALING
- I

CURTAIN WALL STRUCTURAL GLAZING

D SikaFast® 3121 - is a fast curing, 10:1 ratio two-component adhesive system based on methyl-methacrylate (MMA) polymer technology. This product has been designed to substitute welding, riveting and other mechanical fastening. Suitable for high strength fastening of joints on many different types of substrates with no or limited surface preparation.

C Sikaflex®-221- is a one-component, high-quality multipurpose non-sag polyurethane sealant that cures on exposure to atmospheric humidity to form a durable elastomer. Meets approvals ASTM C920 types and Federal Specifications TT-S-00230C. Bonds well to a wide variety of substrates and is suitable for making permanent elastic seals of high adhesive strength. Suitable substrate materials are wood, metals, metal primers and paint coatings (2-c systems), ceramic materials and plastics.

E Sikaflex®-552 - is a low VOC, high performance, elastic, gap-filling, one-part, silane-terminated polymer structural adhesive that cures on exposure to atmospheric moisture to form a durable elastomer. This product is suitable for structural joints that will be subjected to dynamic stresses. Product is AAMA 805.2-94 certified and resistant to UV radiation. Contains no isocyanate or solvent.

A SikaForce®-735 CG - is a pourable, self-leveling, two-component polymer grout based polyurethane resin designed for use with embedding of monolithic or laminated glass panes in U-profiles or concrete joints. It is used for glass balustrades and total vision glass walls. Suitable for indoor and outdoor applications.

A SikaForce®-7780 L05 - is a 2-component polyurethane flexible bonding and filling compound. It consists of a filled polyol based resin and an isocyanate based hardener. The extruded mixture is initially liquid, but receives high non-sag properties after 3 minutes. For use when replacing embedded monolithic or laminated glass panes in U-profiles. Suitable for indoor or outdoor applications.

H Sika® SilBridge 300 - is an extruded ultra-low modulus elastomeric silicone profile that is bonded to substrates using Sikasil® WS-295 sealant as an adhesive. Sika® SilBridge-300 comes in a variety of standard shapes, colors and sizes and is successfully used in various weather sealing applications.

C Sikasil® IG 25 US - is a two-part, neutral-curing insulating glass silicone sealant with structural capabilities. This product is ideal as a secondary edge seal for air and gas-filled insulating glass in structural glazing applications.

C Sikasil® IG 25 HM Plus - is a two-part, high modulus, neutral-curing insulating glass silicone sealant with structural capabilities. This product is ideal as a secondary edge seal for air and gas-filled insulating glass in structural glazing applications. Suitable and approved for IG units in structural glazing facades, for use in hot and cold climates and provides low IG gas loss rates for long service life.

C / E Sikasil® SG-10 - is a fast curing, one-component, non-sag, elastomeric, neutral cure silicone sealant. Meets the requirements of ASTM-C920, Type S, Grade NS, Class 25, Use NT, T, M, G, A, O; TT-S-00230C, Type II, Class A; TT-S-001543A, Class A; CAN/CGSB-19.13-M87, AAMA 802.3 Type I and II, AAMA 803.3 Type I, AAMA 805.2, AAMA 808.3.

E / I Sikasil® SG-20 - is a neutral curing silicone adhesive which combines mechanical strength with high elongation. It has excellent adhesion to a wide range of substrates. Product has been designed for use as a structural glazing sealant or as a residential window backbedding / glazing adhesive. Product has outstanding UV and weathering resistance, bonds excellent to glass, metals, coated metals, plastics, wood and meets ASTM C1184.

I Sikasil® SG-500 CN - is a two part, high-modulus, neutral curing structural silicone adhesive. This product is ideal for structural glazing and similar high demanding industrial applications. Product meets requirements of ASTM C 1184, ASTM C 920 and GB 16776.

I Sikasil® SG-520 - is a two part, high-modulus, neutral curing structural silicone adhesive engineered to bond to Kynar® without surface preparation. Meets requirements of ASTM C 1184, ASTM C 920 and GB 16776. Resistant to UV and weathering.

H Sikasil® WS-290 - is a neutral-curing, ultra low-modulus, low to no bleed silicone sealant. Material accommodates long-term movement of +100- 50% in properly designed joints and is particularly well suited for use in Exterior Insulation Finish Systems (EIFS). Meets the requirements of ASTM C-920, Type S, Grade NS, Class 100/50, Use NT, M, G, A, O; TT-S-00230C, Type II, Class A; TT-S-001543A, Class A; CAN/CGSB-19.13-M87, AAMA 808.3.

B / H Sikasil® WS-295 - is a neutral cure sealant for use in most common weather proofing applications on a wide variety of materials. Meets the requirements of ASTM C-920, Type S, Grade NS, Class 50, Use NT, M, G, A, O; TT-S-00230C, Type II, Class A; CAN/CGSB-19.13-M87, AAMA 802.3 Type II, AAMA 803.3, AAMA 805.2, AAMA 808.3. Designed as a weatherseal for conventional and structural glazing applications.

B / H Sikasil® WS-305 AM - is a neutral curing silicone sealant with a high movement capability and excellent adhesion to a wide range of substrates. This product is suitable for weather proofing and sealing applications where durability under severe conditions is required. Meets requirements of ASTM C 920 (class 50), TT-S00230C, TT-S001543A.

G SikaTack® Panel System - is an adhesive system for the economic, concealed fixing of ventilated facade panels. The system consists of the elastic adhesive SikaTack®-Panel, the double sided SikaTack®-Panel fixing tape and pre-treatment SikaTack® Primer. Ideally suited to conceal bonding of ventilated facade panels for residential and commercial buildings, new build, renovation projects and interior finishing projects.

VERTICAL GLASS PRODUCTS

Sika Industry
30800 Stephenson Highway
Madison Heights, MI 48071
Tel: 248.577.0020

Sika Canada
601 - Delmar Avenue
Pointe Claire, Quebec, H9R 4A9
514.697.2610

Sika North America Plant Locations
Lyndhurst, New Jersey
Lakewood, New Jersey
Marion, Ohio
Grandview, Missouri
Montreal, Quebec

North America Silicone Competence Center
995 Towbin Avenue
Lakewood, NJ 08701

Customer Service
800.688.7452

Technical Service
email: tsmh@us.sika.com

Sika® Corporation 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 IMPLIED OR EXPRESSED 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.

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Products	Movement Capabilities	Specifications/ Standards					Applications															
		Meets ASTM C920	Meets ASTM C 1184	Meets Fed Spec TT-S-001543A	Meets Fed Spec TT-S-00230C	AAMA Certified Products	Sink Sealing	Mirror Bonding	Shower Sealing	Tub Sealing	General Sealing	Glass Wall Grouting	Glass Wall Grouting Sealing	Insulating Glass Sealing	Assembling/Manufacturing	Structural Window Bonding	Panel Bonding	Curtain Wall Structural Glazing	EIFS Sealing	Butt Joint Sealing	Perimeter Weather Sealing	Structural Glazing
Sikasil®-GP	±25%	■		■			■		■	■	■											
Sikasil®-GP HT (High-Temperature)	±25%	■		■																		
Sikasil®-N Plus	±25%	■		■	■	■	■		■	■	■											
Sikasil® SG-10	±25%	■	■	■	■	■					■			■		■						
Sikasil® SG-20	±25%	■	■													■		■		■		■
Sikasil® SG-500 CN	±25%		■													■	■	■				
Sikasil® SG-520	±25%	■	■													■	■	■				
Sikasil® IG-25	±12.5%													■								
Sikasil® IG-25 HM Plus	±12.5%													■								
Sikaflex®-510 AM	±50%																		■		■	
Sikasil® WS-305 AM	±50%	■		■	■	■					■		■							■	■	
Sikasil® WS-295	±50%	■		■	■	■					■		■							■	■	■
Sikasil® WS-290	+100 -50%			■	■														■		■	
Sikasil® WS-290 FPS	+100 -50%	■		■	■														■		■	
Sikaflex®-124 Mirror Grip								■														
Sikaflex®-524 Mirror Grip								■														
Sikaflex®-201 US	±25%	■			■	■															■	
Sikaflex®-201T	±25%	■			■																	
Sikaflex®-219 LM	+100 -50%	■			■	■													■		■	
Sikaflex®-552						■										■						
SikaForce®-735 GG												■										
SikaForce®-7780 L05												■										
SikaTack® Panel System			■														■					
Sikaflex®-102 Everflash Membrane																					■	
SikaHyflex®-407 Everflash Universal	±12.5%	■																			■	
SikaFast®-3121															■							
Sikaflex®-221	±12.5%	■			■						■				■							

Note: Advice on specific applications is available from the Technical Service Department of Sika Industry.

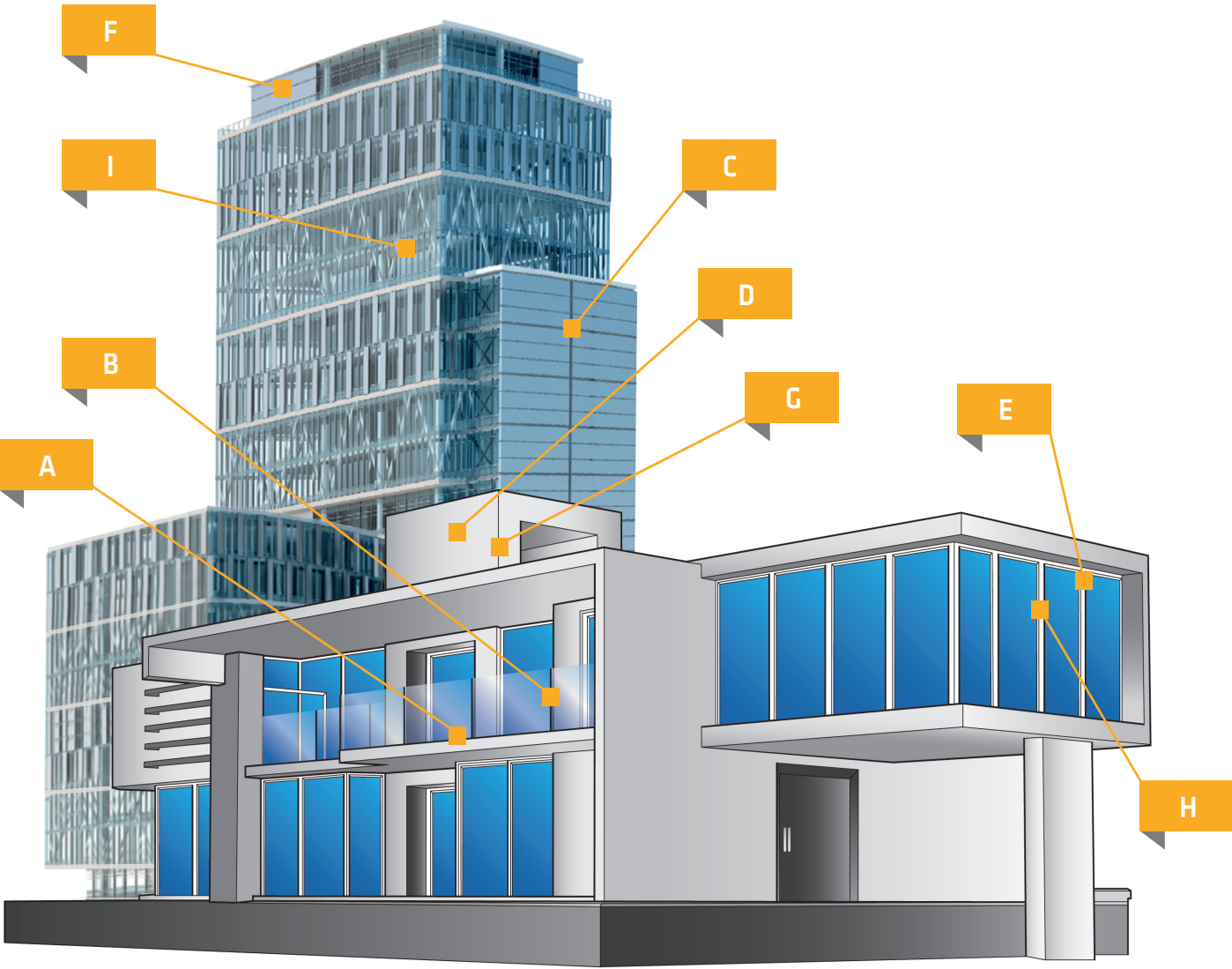


VERTICAL GLASS APPLICATIONS
Facade, Window & Door / Commercial & Residential



FACADE, WINDOW & DOOR APPLICATIONS

Sika®supplies a wide range of innovative Facade, Fenestration and Insulated Glass products to meet every demanding structural glazing application. These products allow architects to strike the ideal balance between aesthetic appeal and energy efficiency in the facades they utilize. Glass can be combined with other materials such as natural stone, metals or plastic coated metals, giving planners a wide scope for creativity in the facades they manufacture.



COMMERCIAL GLAZING APPLICATIONS

Sika® offers a full range of silicone and polyurethane sealants and adhesives to meet any commercial glazing contractor's installation or weathersealing needs.

- A EIFS SEALING**
- B BUTT JOINT SEALING**
- C PERIMETER WEATHERSEALING**
- D STRUCTURAL GLAZING**

B / D Sikasil® SG-20 - is a neutral curing silicone adhesive which combines mechanical strength with high elongation. It has excellent adhesion to a wide range of substrates. Product has been designed for use as a structural glazing sealant or as a residential window backbedding / glazing adhesive. Product has outstanding UV and weathering resistance, bonds excellent to glass, metals, coated metals, plastics, wood and meets ASTM C1184.

B / C / D Sikasil® WS-305 AM - is a neutral curing silicone sealant with a high movement capability and excellent adhesion to a wide range of substrates. This product is suitable for weather proofing and sealing applications where durability under severe conditions is required. Meets requirements of ASTM C 920 (class 50), TT-S00230C, TT-S001543A.

A / C Sikaflex®-510 AM50 - is a premium-grade, high movement, fast curing, one component, non-sag, elastomeric, hybrid sealant. Meets ASTM C-920, Type S, Grade NS, Class 50, use NT, M, A, G, O. Ideal for joints or gaps connecting dissimilar substrates. Can be over painted soon after application.

B / D Sikasil® SG-10 - is a neutral curing silicone adhesive which combines mechanical strength with high elongation. It has excellent adhesion to a wide range of substrates. Product has been designed for use as a structural glazing sealant or as a residential window backbedding / glazing adhesive. Product has outstanding UV and weathering resistance, bonds excellent to glass, metals, coated metals, plastics, wood and meets ASTM C1184.

A / C Sikasil® WS-290 - is a neutral-curing, ultra low-modulus, low to no bleed silicone sealant. Material accommodates long-term movement of +100-50% in properly designed joints and is particularly well suited for use in Exterior Insulation Finish Systems (EIFS). Meets the requirements of ASTM C-920, Type S, Grade NS, Class 100/50, Use NT, M, G, A, O; TT-S-00230C, Type II, Class A; TT-S-001543A, Class A; CAN/CGSB-19.13-M87, AAMA 808.3.

A Sikasil® WS-290 FPS - Field pigmentable silicone packs and 1.5 gallon white pails. Mixed in field for use in large applications.

B / C / D Sikasil® WS-295 - is a neutral cure sealant for use in most common weather proofing applications on a wide variety of materials. Meets the requirements of ASTM C-920, Type S, Grade NS, Class 50, Use NT, M, G, A, O; TT-S-00230C, Type II, Class A; CAN/CGSB-19.13-M87, AAMA 802.3 Type II, AAMA 803.3, AAMA 805.2, AAMA 808.3. Designed as a weatherseal for conventional and structural glazing applications.

C Sikaflex® 201 US - is a one-component, flexible, polyurethane-based, non-sag elastomeric sealant system capable of +/-35% joint movement. AAMA 808.3 verified for exterior perimeter sealing compounds. Meets ASTM-C920 Type S, Grade NS, Class 35. May be painted. Ideal for sealing interior and exterior joints, seams and gaps.

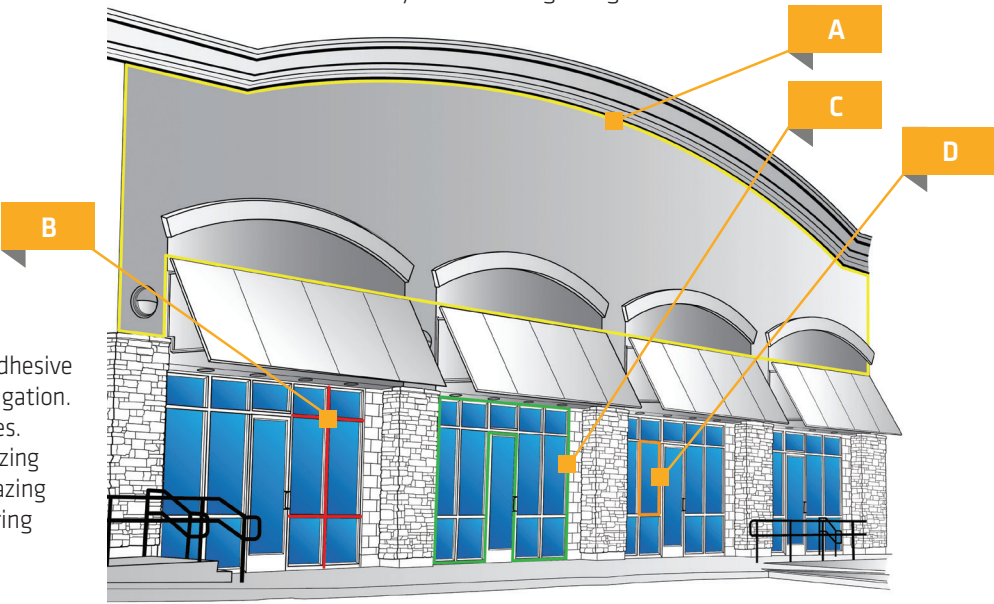
C Sikaflex® 201T - is a one-component, polyurethane-based, non-sag elastomeric sealant capable of ±25% joint movement. The textured consistency is ideal for use in sealing applications requiring a rough appearance. AAMA 808.3-92 approved for perimeter sealing compounds. Meets ASTM C-920, Type S, Grade NS, Class 25.

A / C Sikaflex® 219LM - is a one-component, low-modulus, high performance, moisture curing polyurethane sealant with excellent adhesion to aluminum, FRP, steel, wood, masonry and most plastics with proper surface preparation. Conforms to Federal Specification TT-S-00230C, Type II, Class A, ASTM C-920, Type S, Class 100/50, Grade NS, AAMA 808.3 verified.

Sikaflex®-221 - is a one-component, high-quality multipurpose non-sag polyurethane sealant that cures on exposure to atmospheric humidity to form a durable elastomer. Meets approvals ASTM C920 types and Federal Specifications TT-S-00230C. Bonds well to a wide variety of substrates and is suitable for making permanent elastic seals of high adhesive strength. Suitable substrate materials are wood, metals, metal primers and paint coatings (2-c systems), ceramic materials and plastics.

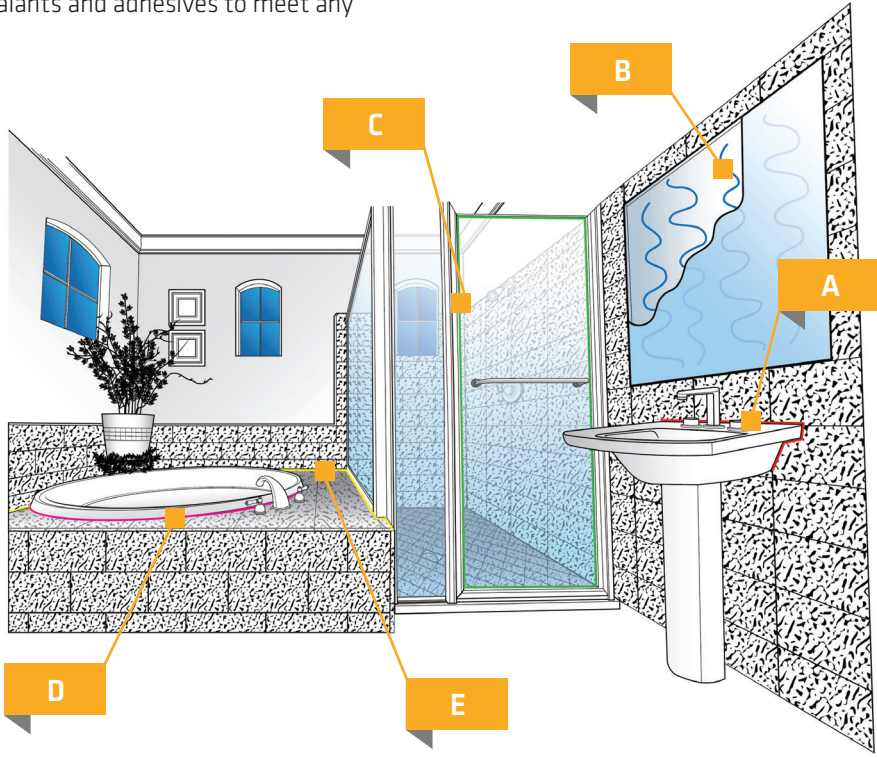
C Sikaflex®-102 Everflash Membrane - is a one-component, polyurethane, gun-grade, UV stable, window and door flashing, sealing and adhering compound. Based on a special moisture cured PUR that offers an accelerated curing time.

A / C SikaHyflex®-407 EverFlash Universal - is a one-component, hybrid technology, non-sag, flexible, flashing and weather barrier sealant designed for primerless adhesion to the most challenging substrates found in the building envelope such as peel & stick window and flashing membranes. Meets ASTM C920, Type S, Grade NS, Class 12.5, use NT, G, A, O, M. Universal flashing and weather barrier sealant.



INTERIOR GLAZING APPLICATIONS

Sika® provides a range of silicone and polyurethane sealants and adhesives to meet any residential glazing contractor's installation needs.



- A SINK SEALING**
- B MIRROR BONDING**
- C SHOWER SEALING**
- D TUB SEALING**
- E GENERAL SEALING**

A / C / D / E Sikasil®-N Plus - is a general purpose, one-component, non-sag, elastomeric, 100% RTV neutral cure silicone sealant. Meets the requirements of ASTM C-920, Type S, Grade NS, Class 25, Use NT, T, M, G, A, O; TT-S-00230C, Type II, Class A; TT-S-001543A, Class A; CAN/CGSB-19.13-M87, AAMA 802.3 Type II, AAMA 803.3, AAMA 805.2, AAMA 808.3. Fungicide additive for mildew resistance.

A / C / D / E Sikasil®-GP - is a general purpose, one-component, non-sag, elastomeric, RTV acetoxy silicone sealants with good adhesion characteristics for general sealing and bonding applications. Contains anti-microbial additive for mold resistance.

E Sikasil® WS-295 - is a neutral cure sealant for use in most common weather proofing applications on a wide variety of materials. Meets the requirements of ASTM C-920, Type S, Grade NS, Class 50, Use NT, M, G, A, O; TT-S-00230C, Type II, Class A; CAN/CGSB-19.13-M87, AAMA 802.3 Type II, AAMA 803.3, AAMA 805.2, AAMA 808.3. Designed as a weatherseal for conventional and structural glazing applications.

E Sikasil® WS-305 AM - is a neutral curing silicone sealant with a high movement capability and excellent adhesion to a wide range of substrates. This product is suitable for weather proofing and sealing applications where durability under severe conditions is required. Meets requirements of ASTM C 920 (class 50), TT-S00230C, TT-S001543A.

B Sikaflex®-124 Mirror Grip - is a one-component, moisture-cure, instant grip, polyurethane adhesive used to bond flat glass mirror products to a wide variety of construction materials. Excellent green strength for securing vertical items in place instantly. Low odor and VOC.

B Sikaflex®-524 Mirror Grip - is a one-component, moisture-cure, instant grip, hybrid adhesive used to bond flat glass mirror products to a wide variety of construction materials. Excellent green strength for securing vertical items in place instantly. Low odor and VOC.