

Pecora Corporation
165 Wambold Rd
Harleysville, PA 19438
(215) 723-6051
(800) 523-6688
fax: (215) 721-0286
pecora.com



Pecora Protects Promise

Behind every one of our sealants, adhesives, and primers are real people—expert guides, each averaging over 20 years of technical know-how. Always here when you need us, we’re ready to make recommendations, work through tough decisions, and help you find the best solutions. Our promise is to protect you, your reputation, and your project.

Proven performance. On-demand expertise.
Protecting projects and reputations since 1862.

High Performance
Sealant Solutions

**PECORA
SEALANTS**

Architectural
Glazing Systems

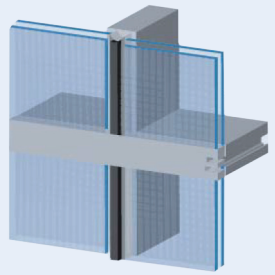




**SERVICE.
PERFORMANCE.
RESULTS.**

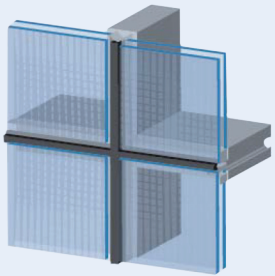
Unmatched High Performance Sealant Solutions

We offer a complete line of high performance products suitable for shop or field applications in demanding structural and non-structural glazing. With building and energy efficiency codes becoming even more stringent, our glazing solutions include products with high green strength, long lasting bonds to a variety of substrates, and our industry leading non-staining technology.



2-SIDED GLAZING

Two-sided structural silicone sealant glazing provides dual adhered and mechanical support for the window system. Either the horizontal or vertical joints are structurally adhered to the supporting structure. The dead load of the glazing unit is supported mechanically.



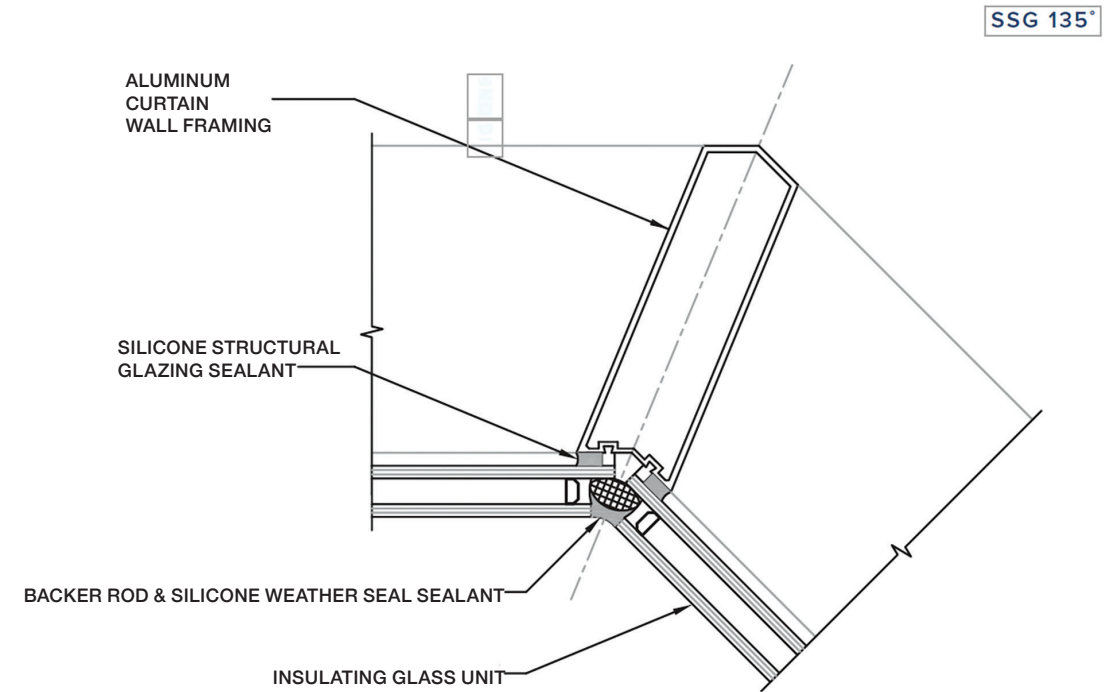
4-SIDED GLAZING

Four-sided structural silicone sealant glazing provides structurally adhered support for the glazing unit on both the horizontal and vertical joints—allowing for unique and uninterrupted glass designs.

STRUCTURAL GLAZING

Over the past decades, there has been a greater emphasis and focus placed on structural glazing—allowing for sleeker and more modern building designs that maximize interior daylight and exterior views.

NOTE: Increased daylight and views are highly desirable and are among LEED credit requirements. Glazing can contribute to timelier construction practices, a reduction in the overall weight of a structure, and thermal efficiency of buildings by reducing or eliminating the exposure of metal framing. Properly designed joints with the correct sealant is critical for optimum performance since the exterior of a building is subjected to harsh environmental conditions and UV rays. Properly installing the correct sealant forms a continuous waterproof seal against water and air infiltration withstanding gravity and wind loads on the glazing unit.



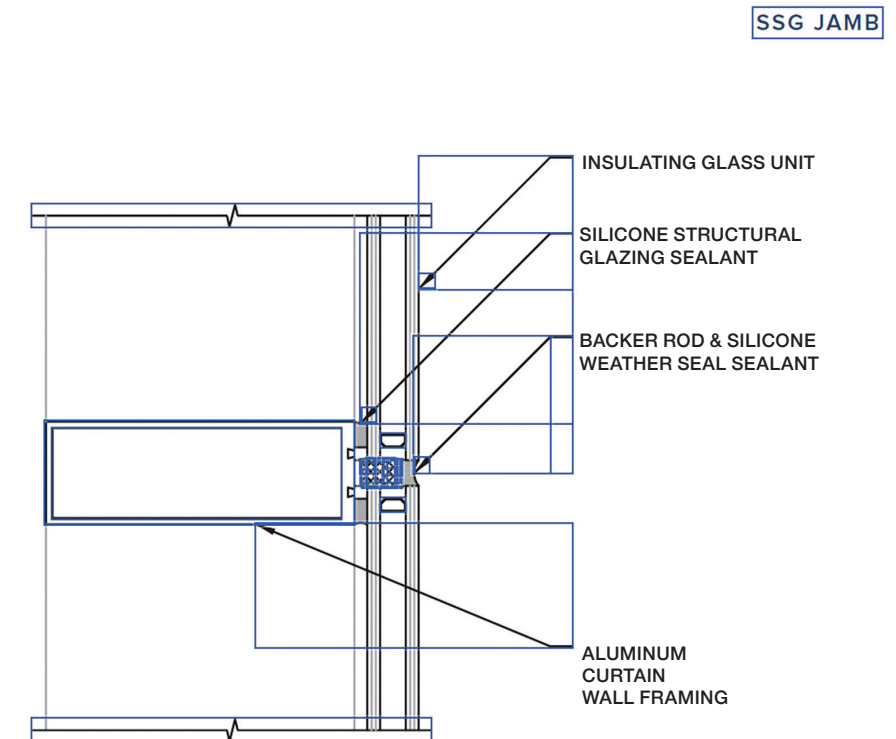
ALUMINUM
CURTAIN
WALL FRAMING

SILICONE STRUCTURAL
GLAZING SEALANT

BACKER ROD & SILICONE WEATHER SEAL SEALANT

INSULATING GLASS UNIT

SSG 135"



INSULATING GLASS UNIT

SILICONE STRUCTURAL
GLAZING SEALANT

BACKER ROD & SILICONE
WEATHER SEAL SEALANT

ALUMINUM
CURTAIN
WALL FRAMING

SSG JAMB

Pecora 895NST

A high performing, medium modulus structural glazing silicone specifically designed for curtain wall systems as well as a variety of non-structural weather-seal applications. This product comes in a wide range of colors.

Pecora 890NST

An ultra-low modulus silicone designed for sealing expansion and control joints in precast panels and metal curtain walls as well as perimeter sealing of doors and windows. It performs exceptionally

under dynamic conditions.

Pecora 896FC

Eliminates the fluid found in traditional silicone sealants. Its fast-cure formula allows for a quick, sure adhesion while providing the fastest possible green strength available in a one-part silicone.

Pecora 896HIS

A high impact silicone sealant designed for blast resistant, structural and protective glazing with very high tear and tensile strength as well as excellent adhesion to a variety of substrates.

Pecora 830HDS

Specifically designed for structural glazing applications of glass, metal, and plastic that require a maximum 30psi design strength.

Pecora 985

High modulus, two-component, fast-curing structural sealant specifically formulated for shop fabrication of unitized curtain walls and structural glazed details.

Pecora 985HDS

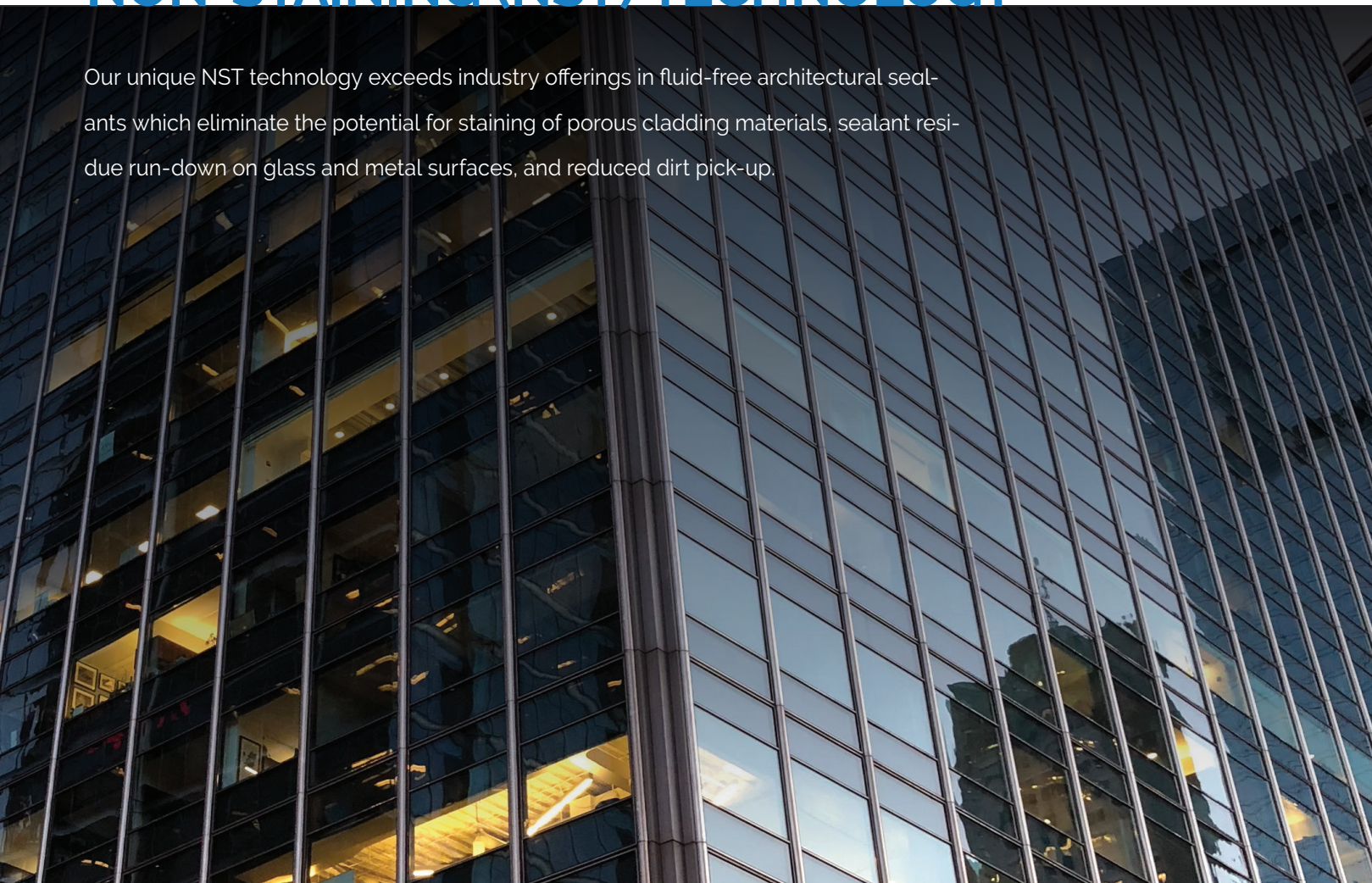
High 30 psi design strength, two-part, chemically curing silicone sealant formulated to meet the demands of modern high-rise curtain wall systems.

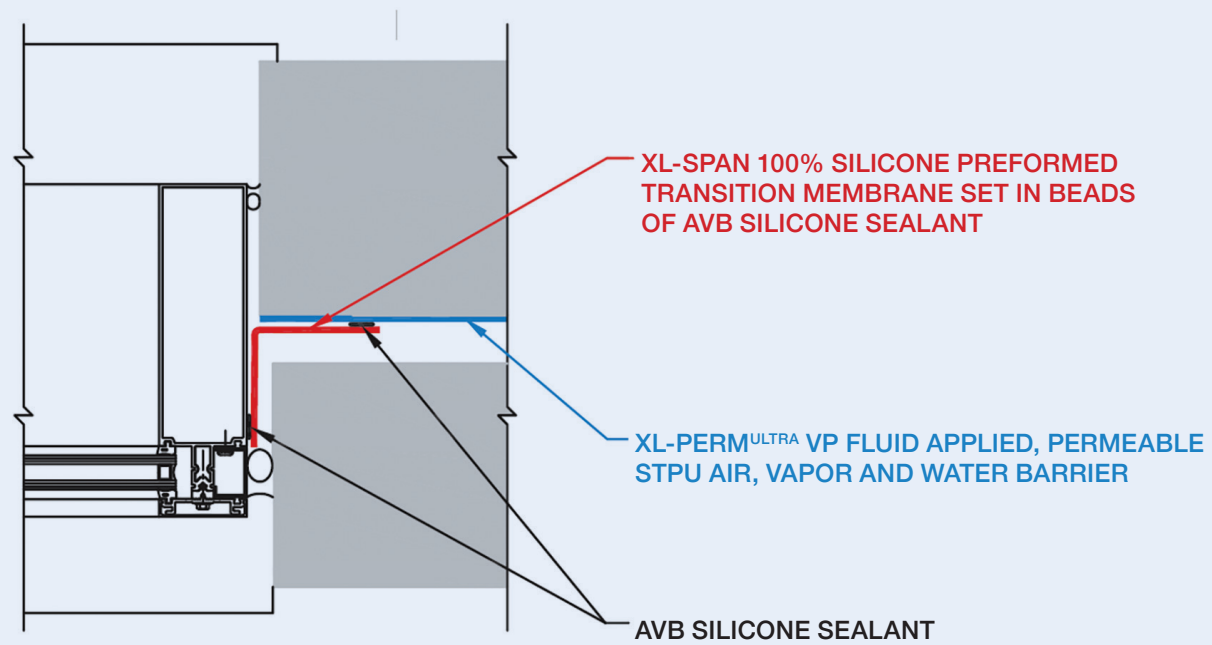
NON-STAINING (NST) TECHNOLOGY

Our unique NST technology exceeds industry offerings in fluid-free architectural sealants which eliminate the potential for staining of porous cladding materials, sealant residue run-down on glass and metal surfaces, and reduced dirt pick-up.

RESTORATION MADE EASY

Sealant failures in glazing systems are a common occurrence during a building's life cycle and can result in substantial damage to the property. **Sil-Span Preformed Silicone Profiles** provide an alternative to the traditional method of repairing failed glazing sealants. Instead of the laborious job of removing the old material and possibly causing substrate damage, Sil-Span bridges over failing glazing details and waterproofs the building envelope while maintaining building integrity.





TRANSITION SYSTEMS

Continuity is key when considering building envelope performance and durability. Exterior glazing and window systems, curtain wall systems, storefront systems, louvers, and door frames must connect and seal adjoining opaque building façade components to prevent air and water penetration.

As building codes and regulations become more stringent, most buildings leverage some type of air barrier system to ensure energy efficient building envelopes. The creation of a continuous monolithic skin remains a key factor to the success of any air barrier system which typically includes challenges in connecting dissimilar components and materials.

We offer the **XL-Transition System**—an approach to assured continuity of the window or curtain wall system to the air, vapor, and water barrier systems—which utilizes our XL-Span 100% Silicone Extruded Transition Membrane and AVB Silicone Sealant. XL-Span comes in 50-foot translucent ribbed extruded membrane rolls and 4-, 6-, and 9-inch wide sections. Apply Pecora AVB, a single component 100% silicone sealant as the adhesive for the XL-Span to ensure an airtight transition. The XL-Transition System allows for a continual air and water tight transition seal between dissimilar materials, curtain wall, and window systems.

In-shop fabrication of curtain wall systems requires special types of sealants with unique curing mechanisms that promote increased manufacturing efficiencies and sealant performance. These products provide primerless adhesion to most substrates and finishes. Applications of the sealant may vary from back bedding compounds, cap beads, interior joinery, end dams, and screw heads. The use of unitized glazing can help with construction efficiency—allowing for in-shop assembly of building components while minimizing delays due to weather conditions.

UNITIZED GLAZING



20-YEAR WATERTIGHT WARRANTY

Pecora Corporation warrants that its products are manufactured free from defects in materials. Pecora further warrants that Pecora NST silicone sealants will not cause porous substrates to discolor or change their appearance due to fluid migration and will maintain a watertight weather seal for a period of twenty (20) years from the date of installation.

THE FOLLOWING CRITERIA ARE TO BE MET:

- A. The sealant is applied in strict compliance with Pecora Corporation's published application procedures and with any written requirements indicated on any recommendation letters
- B. The sealant is used with the materials which have been approved for compatibility and adhesion.
- C. The samples which have been submitted for testing are representative of the materials actually used on the project.
- D. The application of the sealant and the joint configurations are completed in accordance with the project prints/specifications.
- E. The sealant is applied within the stated shelf life of the product.

IF THE APPLICATION EXCEEDS 5000 LINEAL FEET, THE FOLLOWING ADDITIONAL CRITERIA ARE TO BE MET:

- A. Field adhesion tests are made and documented to confirm adhesion under site conditions.
- B. Field adhesion test results are submitted within thirty days of completion of field testing.
- C. All requirements outlined in Pecora project test results are strictly adhered to.





NON-STAINING WARRANTY

Our 100% silicone-based NST sealants are formulated to a unique composition in which the Si-based sealants simply do not contain the components that cause staining issues to occur. For this reason, we offer a non-staining sample warranty with our product submittal package.

Our commitment to NST is based on sound science and extensive testing, to the point that we offer a warranty to back that up. This includes a special "non-staining warranty," which can be issued without the need for pre-project testing. Upon request, we will continue to offer project-specific stain testing, in compliance with ASTM C-1248.

Structural glazing places a significant responsibility on all parties in the construction and architectural community. We offer a complimentary Structural Glazing Appraisal Program designed to reduce the risks to all team members involved in the design, construction, and installation of structural silicone glazing sealants.

Our Technical Service Department advises on the correct sealant and sealant joint design for the job and will work with the glazier to recommend proper surface preparation and installation procedures.

THE PROGRAM CONTENTS

- Project Review
- Shop Drawing Review
- Adhesion Testing
- Stain Testing
- Compatibility Testing

FOR MORE INFORMATION

Call Technical Services
at 800-523-6688

STRUCTURAL GLAZING APPRAISAL PROGRAM



YOUR SINGLE SOURCE SUPPLIER

ARCHITECTURAL GLAZING SEALANTS

PRODUCT	DESCRIPTION Non-Sag (NS) Semi-Self Leveling (SSL) Pre-Formed (P) Multi-Laminate System: 1 Part (I), 2 Part (II)	PROPERTIES/SPECIFICATIONS					APPLICABLE SPECIFICATIONS													APPLICABLE STANDARDS
		Composition	Movement Class	Service Temperature °F	Modulus (Tensile at 100% Extension (PSI))		Expansion & Control	Waterproofing	Non-Structural Glazing	Structural Glazing	Shop Glazing	Window Bedding	High Impact	Food Processing	Perimeter Sealing	Sanitary Sealing	Security Sealing	Acoustical Sealing	Seam Sealing	
896	Standard Glazing Silicone (NS) (I)	Silicone	50	-60 to 300	55		•	•	•	•	•	•		•	•					• ASTM C920 Type S, Grade NS, Class 50, Use G, A, M, O; ASTM C1184 Type S, Use G & O; TT-S-001543A; TT-S-00230C Class A; AAMA 802.3 Type II; AAMA 805.2 Group C; CAN 2-19.13-M82 (19-GP-9MA); USDA
896-TBS	Thermal Barrier Silicone® High Performance Window & Door Sealant (NS) (I)	Silicone	50	-60 to 300	55		•	•	•		•	•		•	•					• ASTM C920 Type S, Grade NS, Class 50, Use G, A, M, O; TT-S-001543A, TT-S-00230C Class A; AAMA 802.3 Type II; CAN 2-19.13-M82 (19-GP-9MA); USDA
896-TBS-SSL	Thermal Barrier Silicone® Narrow Joint Seam Sealer (SSL) (I)								•		•			•						ASTM C920 Type S, Grade NS, Class 50, Use G, A, M, O; CAN 2-19.13-M82 (19-GP-9MA); USDA
896-SSL	Silicone Narrow Joint Seam Sealer (NS) (I)	Silicone	50	-60 to 300					•		•			•						ASTM C920 Type S, Grade NS, Class 50, Use G, A, M, O; AAMA 803.3 Type II; CAN 2-19.13-M82 (19-GP-9MA); USDA
896-HIS	High Impact Silicone / Security, Impact, and Blast Applications (SSL) (I)	Silicone	25	-60 to 300	120				•	•	•	•	•	•			•			ASTM C920 Type S, Grade NS, Class 25, Use G, A, M, O; ASTM C1184 Type S, Use G & O; TT-S-001543A, TT-S-00230C Class A; CAN 2-19.13-M82 (19-GP-9MA); USDA
896FC	Ultra-Fast Curing, Fluid-Free High Performance Silicone Window & Door Sealant (NS) (I)	Silicone	25	-60 to 300	45		•	•	•	•	•	•		•						ASTM C920 Type S, Grade NS, Class 25, Use G, A, M, O, ASTM C1184 Type S, Use G & O; T-S-001543A; TT-S-00230C Class A; AAMA 802.3 Type II; AAMA 805.2 Group C; AAMA 808.3; CAN 2-19.13-M82 (19-GP 9MA); USDA
830HDS	High Design Strength Structural Silicone Glazing & Weatherproofing Sealant (NS) (I)	Silicone	50	-60 to 300	63		•	•	•	•	•	•	•	•						ASTM C920 Type S, Grade NS, Class 50, Use G, A, M, O; ASTM C1184 Type S, Use G & O; ASTM C1248; TT-S-00230C Class A; Miami-Dade PA 201 & SSTD 12 Impact Resistant Glazing; USDA
985	Fast Curing, Two-Part Structural Silicone Sealant	Silicone	25	-60 to 300	75				•	•	•	•	•	•						• ASTM C920 Type M, Grade NS, Class 25, Use G, A, O; ASTM C1184 Type M, Use G & O; TT-S-00230C, Class A, Type II; AAMA 802.3 Type I; Miami-Dade PA 201 & SSTD 12 Impact Resistant Glazing; USDA
985HDS	High Design Strength Structural Glazing Sealant (NS) (II)	Silicone	25	-60 to 300	75				•	•	•	•	•	•						• ASTM C920 Type M, Grade NS, Class 25, Use G, A, O; ASTM C1184 Type M, Use G & O; TT-S-00230C Class A, Type II; Miami-Dade PA 201 & SSTD 12 Impact Resistant Glazing; USDA
1215	High Performance Silicone Narrow Joint Sealant (NS) (II)	Silicone	N/A	-60 to 300	40				•		•			•						• AAMA 803.3 Type I; USDA
860	Glaziers & Contractors Silicone Sealant (SSL) (NS) (I)	Silicone	25	-75 to 400	5		•	•	•		•	•		•	•	•				ASTM C920 Type S, Grade NS, Class 25, Use G, A, M, O; TT-S-001543A; TT-S-00230C; Mil-A-46106A Type 1, CAN 19.13-M87; USDA
PCS	Pecora Contractors Silicone Sealant (NS) (I)	Silicone	50	-60 to 300	35		•	•	•		•	•		•						ASTM C920 Type S, Grade NS, Class 50, Use T1, NT, G, A, M, O; TT-S-00230C Class A; CAN 19.13-M87; USDA
Sil-Span	Pre-Formed Silicone Profile Seal (P)	Silicone	200	-60 to 300	30		•	•	•					•						ASTM C1523 Class 200/50; USDA
890NST	Non-Staining Technology™ Ultra Low Modulus Architectural Silicone Sealant (NS) (I)	Silicone	100	-60 to 300	25		•	•	•		•	•		•						ASTM C920 Type S, Grade NS, Class 100/50, Use G, A, M, O; ASTM C1248; TT-S-00230C Class A; CAN 19GP-9; CAN 19.13-M87; USDA
AVB	Silicone Sealant for Air-Vapor Barrier Surface Transitions (NS) (I)	Silicone	25	-60 to 300	33		•	•						•	•					ASTM C920 Type S, Grade NS, Class 25, Use G, A, M, O; AAMA 808.3; USDA
XL-Span	Pre-Formed Silicone Transition Membrane (P)	Silicone	200	-60 to 300	180		•	•	•					•						ASTM C1523 Class 200/50; USDA
AVW-920	AAMA Approved High Performance Acrylic Latex (NS) (I)	Latex	25	0 to 180	25		•		•		•	•			•					ASTM C920 Type S, Grade NS, Class 25, Use G, A, M, O; AAMA 802.3 Type I; USDA
BA-98	Non-Skinning Butyl Sealant (NS) (I)	Butyl	N/A	0 to 160	N/A				•		•	•		•				•		ASTM E90 when tested per ASTM C919; USDA