



# ARCHITECTURAL GLAZING SYSTEMS

High Performance Sealant Solutions



PECORA PROTECTS







**SERVICE.  
PERFORMANCE.  
RESULTS.**

## **UNMATCHED HIGH PERFORMANCE SEALANT SOLUTIONS**

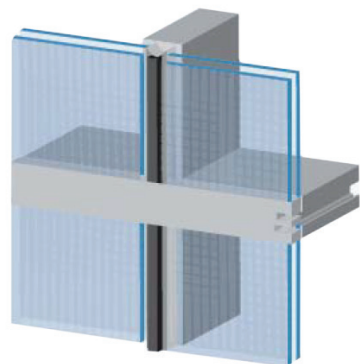
We offer a complete line of high performance products suitable for in-shop or field applications in demanding structural and non-structural glazing. With building and energy efficiency codes becoming even more stringent, our glazing solutions include products with high green strength, long lasting bonds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



# STRUCTURAL GLAZING

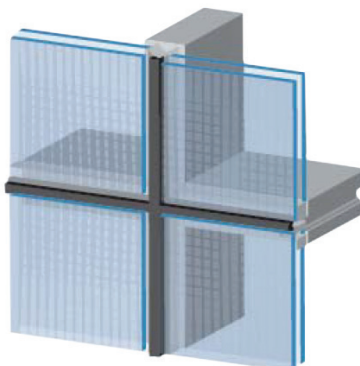
In recent decades, structural glazing has transformed modern architecture, enabling sleek designs that maximize natural daylight and panoramic views. These qualities not only enhance occupant comfort but also align with LEED credit requirements, making structural glazing a preferred solution for sustainable and innovative building design. Beyond aesthetics, glazing reduces the weight of structures, improves thermal efficiency by limiting exposed framing, and can accelerate construction timelines.

For these benefits to be fully realized, the integrity of the joint is critical. Buildings face constant exposure to UV rays, weather, and environmental stressors, and only the right sealant can ensure long-term performance. Pecora’s high-performance silicone sealants are engineered to provide a continuous, durable barrier against air and water infiltration while withstanding wind and gravity loads on glazing units. With Pecora, architects and builders can trust that their structural glazing systems will deliver both lasting protection and modern elegance.



## 2-SIDED GLAZING

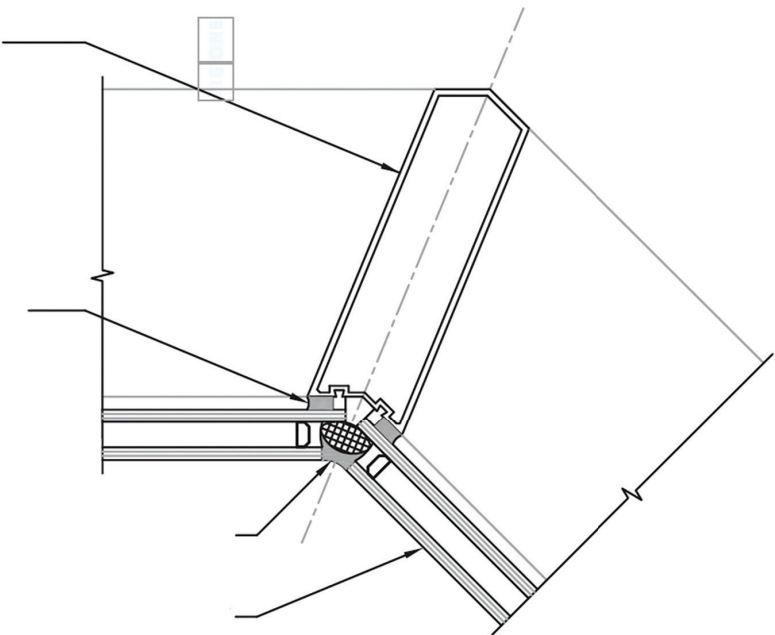
Two-sided structural silicone sealant glazing provides dual adhered and mechanical support for the window system. Either the horizontal or vertical joints are structurally adhered to the supporting structure. The dead load of the glazing unit is supported mechanically.



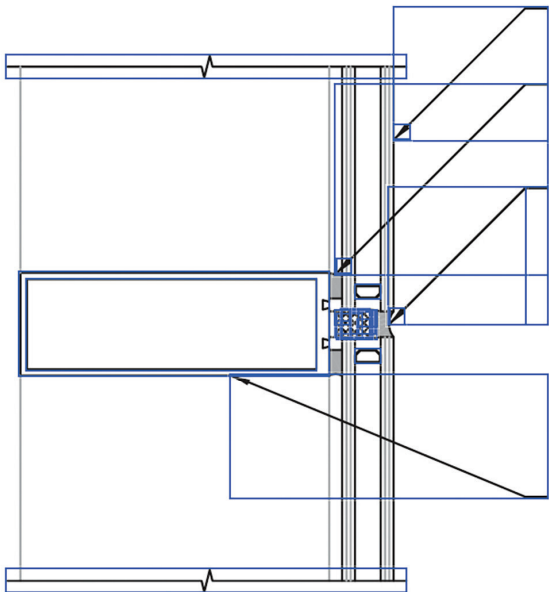
## 4-SIDED GLAZING

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.

SSG 135°



SSG JAMB



# ENGINEERED FOR STRENGTH

## GLAZING SEALANT SOLUTIONS

### PECORA 557

A high-performance, one-component silicone sealant and adhesive designed for versatility in commercial, industrial, and photovoltaic applications. It cures to a durable, flexible rubber that withstands ozone, UV rays, and airborne chemicals while maintaining strong adhesion to most non-porous substrates without primer. With excellent dielectric strength and water resistance, 557 delivers reliable seals for windows and doors, protects sensitive electronic components, and supports the assembly of photovoltaic panels. Its proven durability ensures long-lasting performance in demanding environments.

### PECORA 830HDS

A structural silicone glazing and weatherproofing sealant designed for applications of glass, metal, and plastic that require a maximum 30psi design strength, making it ideal for high-performance structural glazing and weatherproofing sealing.

### PECORA 890NST

An ultra-low modulus silicone designed for sealing expansion and control joints in precast panels, metal curtain walls, and for perimeter sealing of doors and windows. With exceptional flexibility and weather resistance, Pecora 890NST is ideal for demanding joint sealing applications.

### PECORA 895NST

An ultra-low modulus silicone designed for sealing expansion and control joints in precast panels, metal curtain walls, and for perimeter sealing of doors and windows. With exceptional flexibility and weather resistance, Pecora 890NST is ideal for demanding joint sealing applications.

### PECORA 896FC

A fast-cure, one-component silicone sealant for demanding commercial and industrial applications. It forms a durable, flexible rubber that resists weathering, UV rays, and temperature extremes. With strong adhesion to many substrates without primer, 896FC delivers lasting seals for expansion joints, precast panels, curtain walls, and exterior assemblies. Its rapid cure time minimizes downtime, making it ideal for projects that require both speed and performance.

### 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 896HIS is ideal for protective applications and impact-resistant glazing applications.

### PECORA 985

A one-component, neutral-curing silicone designed for long-term weatherproofing. It cures to a flexible, durable rubber that resists UV rays, temperature extremes, and harsh weather. With strong adhesion to glass, metal, and other building materials without primer, Pecora 985 is ideal for curtain walls, structural glazing, and high-performance façades.

### PECORA 985HDS

A two-part, high modulus silicone sealant designed for structural glazing applications requiring up to 30 psi design strength, ideal for high-rise structural glazing and weatherproof sealing.



# DON'T STAIN YOUR REPUTATION

## NON-STAINING TECHNOLOGY (NST)

Pecora's advanced non-staining formulations are designed to protect even the most sensitive substrates from residue and discoloration. This technology prevents staining on natural stone, metal, and other porous materials, ensuring a cleaner and more durable finish that preserves the original beauty of the design. With non-staining technology, architects and builders can trust that their projects will maintain both performance and appearance for years to come.

# RESTORATION MADE EASY

## THE SIL-SPAN ADVANTAGE

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.



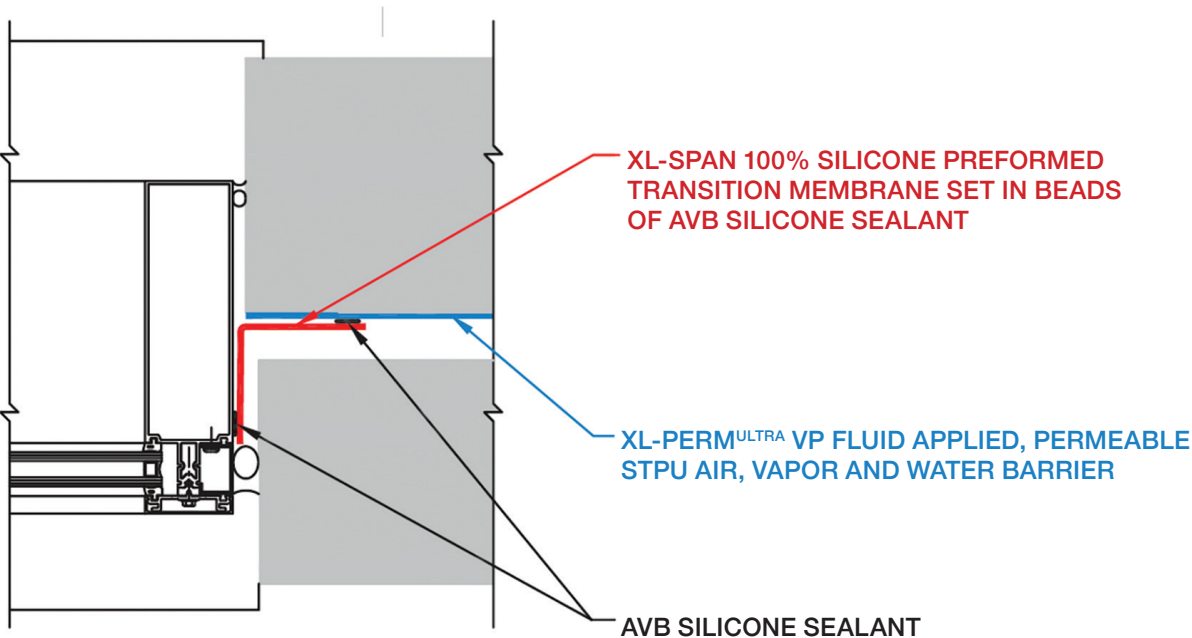


# TRANSITION SYSTEMS

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.

The XL-Transition System provides assured continuity between window or curtain wall systems and the air, vapor, and water barrier systems. It utilizes Pecora's XL-Span 100% Silicone Extruded Transition Membrane together with AVB Silicone Sealant. XL-Span is supplied in 50-foot translucent ribbed extruded rolls and is available in 4-, 6-, and 9-inch widths. Pecora AVB, a single-component 100% silicone sealant, is applied as the adhesive for XL-Span to create an airtight transition. The XL-Transition System delivers a continuous, air- and watertight seal between dissimilar materials, curtain walls, and window systems.



# UNITIZED GLAZING

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.







# 20-YEAR WATERTIGHT WARRANTY

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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:

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- » The sealant is applied in strict compliance with Pecora Corporation’s published application procedures and with any written requirements indicated on any recommendation letters.
- » The sealant is used with the materials which have been approved for compatibility and adhesion.
- » The samples which have been submitted for testing are representative of the materials actually used on the project.
- » The application of the sealant and the joint configurations are completed in accordance with the project prints/specifications.
- » 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:

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- » Field adhesion tests are made and documented to confirm adhesion under site conditions.
- » Field adhesion test results are submitted within thirty days of completion of field testing.
- » 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 APPRAISAL PROGRAM

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



YOUR SINGLE SOURCE SUPPLIER FOR ARCHITECTURAL GLAZING SEALANTS

| PRODUCT     | DESCRIPTION<br>Non-Sag (NS)<br>Semi-Self Leveling (SSL)<br>Pre-Formed (P)<br>Multi-Laminate System: 1 Part (I), 2 Part (II) | PROPERTIES/SPECIFICATIONS |     |            |     |  | APPLICABLE SPECIFICATIONS |               |                        |                    |              |                |             |                 |                   |                  |                  |                    | APPLICABLE STANDARDS |                                                                                                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------|-----|------------|-----|--|---------------------------|---------------|------------------------|--------------------|--------------|----------------|-------------|-----------------|-------------------|------------------|------------------|--------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |                                                                                                                             |                           |     |            |     |  | 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                                                                                                                                                                                                |
| 557         | Window, Door, and Photovoltaic Panels Silicone Sealant/Adhesive (NS) (I)                                                    | Silicone                  | 50  | -40 to 392 | 60  |  | ●                         |               | ●                      |                    | ●            | ●              |             | ●               |                   |                  |                  |                    |                      | ASTM C920, Mil-A-46146A                                                                                                                                                                                     |
| 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                             |
| 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                                                                                   |
| 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            |
| 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 |
| 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                                                    |
| 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-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                                                                                                                     |
| 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                                                                                  |
| 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; TTS-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                                                                                                                                                                                     |
| 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                                                                                                                                      |
| 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                                                                                                                                                                    |
| 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                                                                                                                                                                               |
| XL-Span     | Pre-Formed Silicone Transition Membrane (P)                                                                                 | Silicone                  | 200 | -60 to 300 | 180 |  | ●                         | ●             | ●                      |                    |              |                |             | ●               |                   |                  |                  |                    |                      | ASTM C1523 Class 200/50; USDA                                                                                                                                                                               |





PECORA  
CORPORATION®  
Architectural Weatherproofing





## THE PECORA PROTECTS PROMISE

The Pecora Protects Promise is about more than high-quality sealants, air barriers, and traffic coatings. It's a promise to you, to your project, and to your reputation. We're hands-on and always here when you need us. Ready to make recommendations, answer questions, work through decisions, and help you find the best solution for your job. It's a promise of partnership. Pecora—protecting projects and reputations since 1862.

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