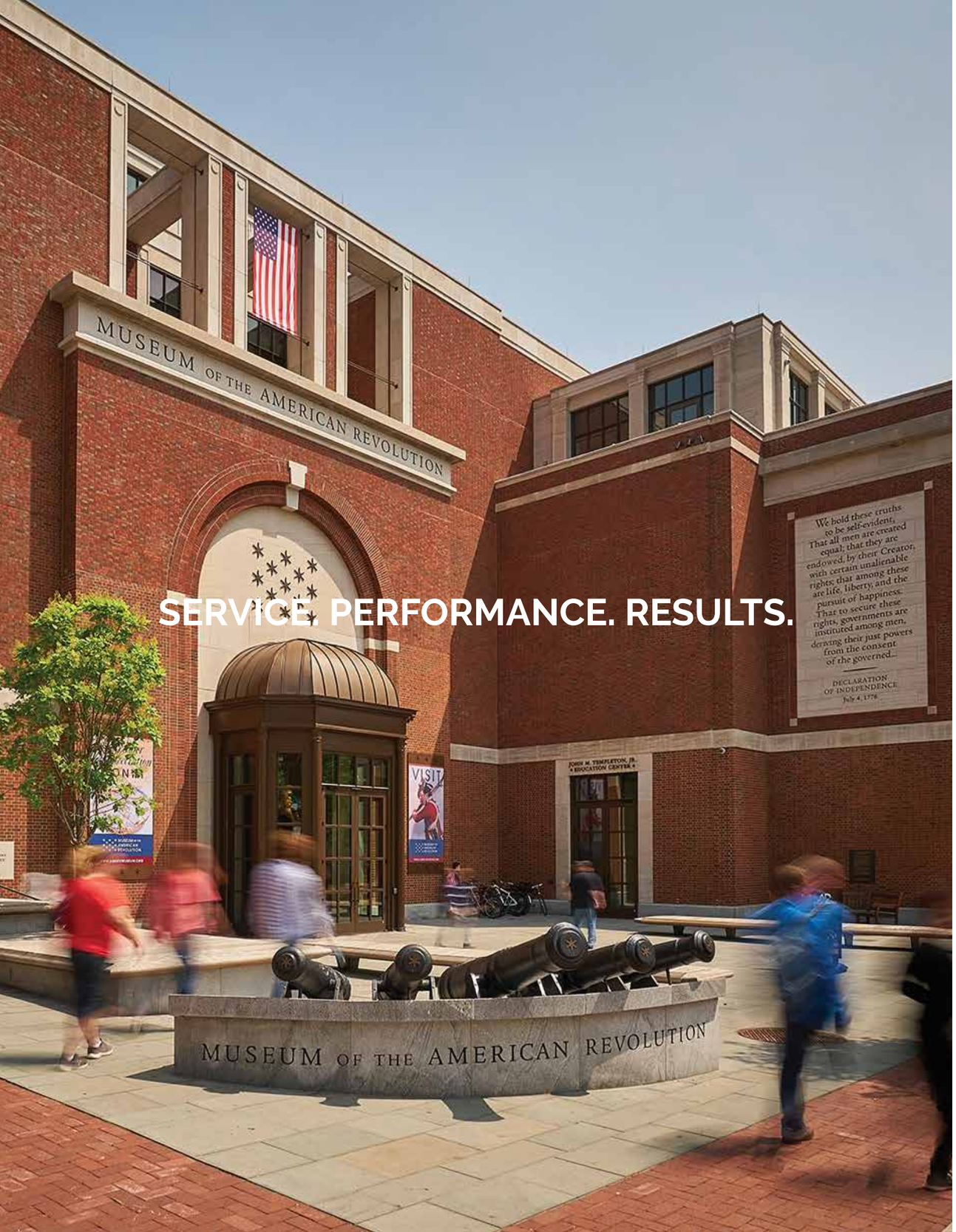
HIGH PERFORMANCE SILICONE SEALANTS

PECORA SEALANTS

EXCLUSIVE NON-STAINING TECHNOLOGY

PECORA CORPORATION®



SERVICE. PERFORMANCE. RESULTS.

Architectural High Performance Silicone Sealants

Pecora offers a complete line of flexible, protective silicone sealants which it has continued to improve over the past 35 years. Our wide variety of silicone offerings address most project requirements: whether a specific adhesion requirement, modulus, joint type, rheology, or cure speed, Pecora can offer a solution.

Our expert team understands the many factors of selecting a silicone sealant — including thermal expansion and contraction, wind load, hygrothermal movement, and more — to ensure you select the right sealant for extended life and integrity of your building structure. Pecora's innovative sealant solutions minimize costs from wasted product, stained substrates, or aged, failing sealant.

35 YEARS OF INNOVATION

- **1985** Pecora begins architectural silicone sealant program – acetoxy based crosslinking chemistry – 860 and 863
- **1990** Pecora introduces first Pecora produced oxime based architectural silicone – 864
- **1991** Pecora introduces 895 oxime based SSG – silicone structural glazing sealant
- **1992** Pecora introduces 890 Ultra Low Modulus oxime based silicone
- **1993** Pecora introduces a pre-formed silicone flat extrusion profile for architectural use - Sil-Span
- **1995** Pecora introduces glazing silicone specially formulated for fenestration OEM use - 896
- **1997** Pecora introduces 2-component adjustable cure speed SSG- silicone structural glazing silicone for in-shop curtain wall fabrication - 985
- **1997** Pecora introduces its first low to non-staining silicone – 890
- **2001** Pecora introduces ultra low modulus concrete construction sealant for DOT and airfield use – 300SL and 301NS
- **2004** Pecora introduces semi-self leveling – controlled flow silicone for OEM glazing industry – 896SSL
- **2006** Pecora introduces full line of architectural fluid free, true 100% non-staining, silicone sealants – The NST Series – 890NST, 864NST, 895NST
- **2007** Pecora introduces a field tintable (with Pecora universal color pack system) ultra low modulus – non-staining architectural silicone – 890FTS
- **2010** Pecora introduces low VOC, low odor, seam sealer to displace traditional solvent reduces seam sealers for the OEM glazing industry - 1215 Seam Sealer
- **2012** Pecora introduces fast curing single component glazing sealant for OEM industry – 896FC
- **2013** Pecora introduces illuminating UV sensitive translucent OEM glazing silicone to aid in QA processes for proper sealant coverage – All translucent 896 series sealants.
- **2014** Pecora introduces silicone designed to adhere to low energy surfaces for the air barrier industry – universal sealant for all air barrier systems – AVB Silicone
- **2017** Pecora introduces 2-component fast curing ultra-low modulus silicone for DOT applications – 322FC
- **2019** Pecora introduces low VOC option for all architectural and glazing silicones to be utilized in VOC regulated geographies.

PECORA'S NON-STAINING TECHNOLOGY (NST)

Turn to Pecora's unique NST technology for silicone sealants that protect your project and your reputation by exceeding industry offerings in fluid-free architectural sealants. Our complete non-staining silicone product line includes the following:

Pecora 864NST

Used for sealing expansion and control joints in precast concrete panels; masonry and metal curtain walls; natural stones; and perimeter sealing of doors, windows, and other building components.

Pecora 890NST

Provides ultra-low modulus, neutral cure properties used for sealing expansion and control joints in precast concrete panels; architectural and natural stone; metal curtain walls; and perimeter sealing of doors and windows, Exterior Insulation Finish Systems (EIFS), and other areas that require a high performance sealant.

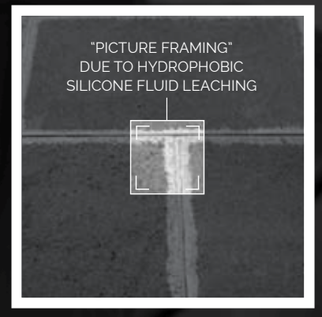
Pecora 895NST

A high performance silicone specifically designed for structural and non-structural glazing as well as sealing expansion and control joints in precast concrete panels, metal curtain walls, and natural stone.

Pecora 898NST

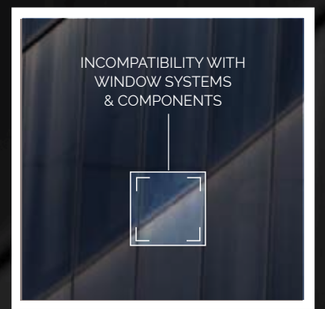
A non-staining, sanitary, mold and mildew resistant, very low odor silicone for use in sealing the perimeters of bathrooms, kitchens, and other hygienic facilities. Developed for interior applications that require a high degree of cleanliness, freedom from bacterial growth, and an appearance that complements adjacent surfaces.

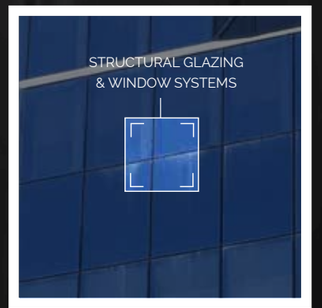
STAINING OF NATURAL STONES & OTHER POROUS SUBSTRATES

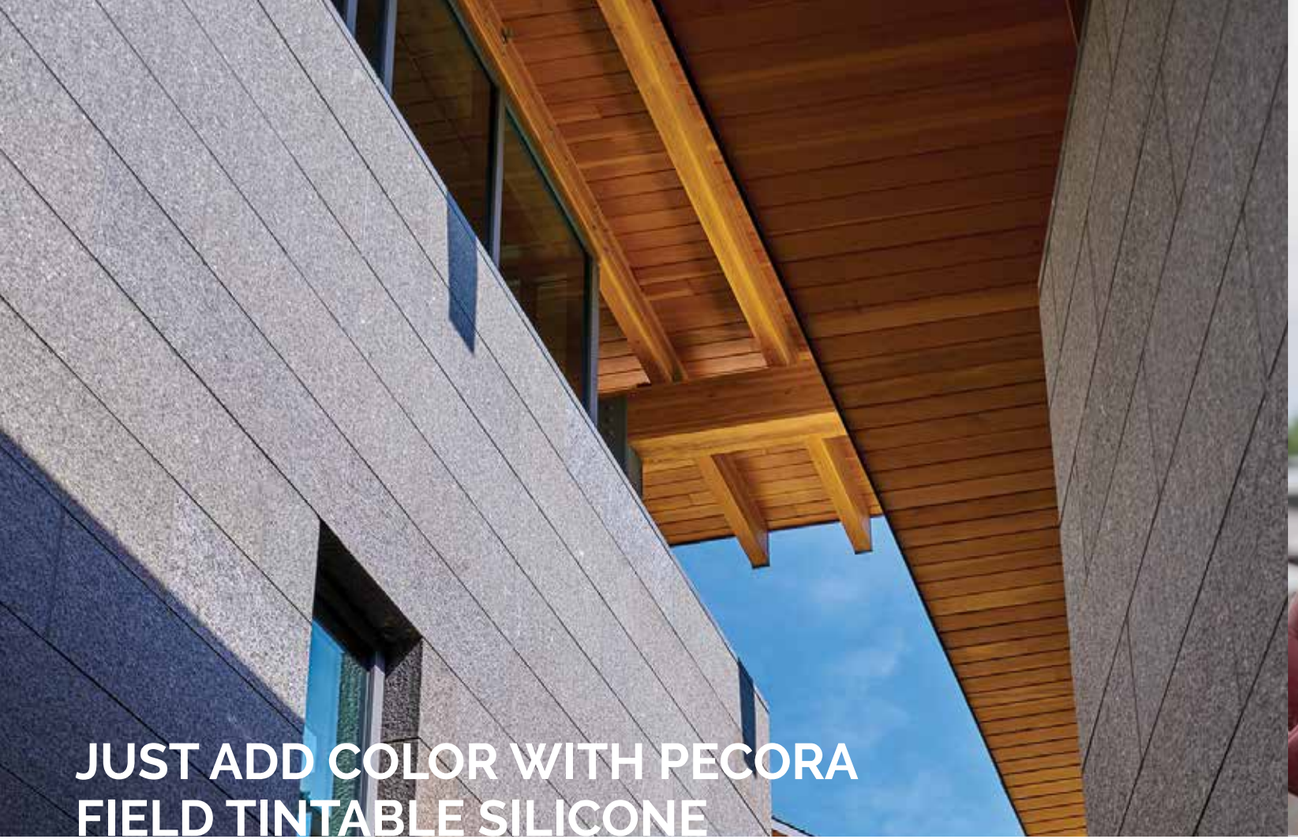


COMPETITION

NON-POROUS STAINING & RESIDUE RUNDOWN WITH ASSOCIATED DIRT PICKUP







JUST ADD COLOR WITH PECORA FIELD TINTABLE SILICONE

Pecora 890FTS and 890FTS-TXTR silicone sealants offer unprecedented flexibility as high-quality, non-staining silicones that can be quickly and easily tinted at the jobsite. Pecora's 890 Field Tintable Silicone line is the industry's first to include a textured option. Perfect for historic restoration where stone and grout have previously been utilized. Used in conjunction with our Universal Color Packs, you have 51 standard color options to choose from. Custom color packs provide you with the flexibility of virtually any color your specific project requires. Pecora's 890FTS and 890FTS-TXTR eliminate waste and reduce your overall jobsite costs by allowing you to select your amount, select your color and select your appearance.

Pecora 890FTS & 890FTS-TXTR

These neutral-curing silicones are primarily used for sealing expansion and control joints in precast concrete panels; architectural and natural stone; masonry steel, and metal curtain walls; and door and window perimeters. Both field tintable products can be used on Exterior Insulation Finish Systems (EIFS), powder coated aluminum, wood, vinyl, and plastics — generally without the need for a primer.

Universal Color Pack

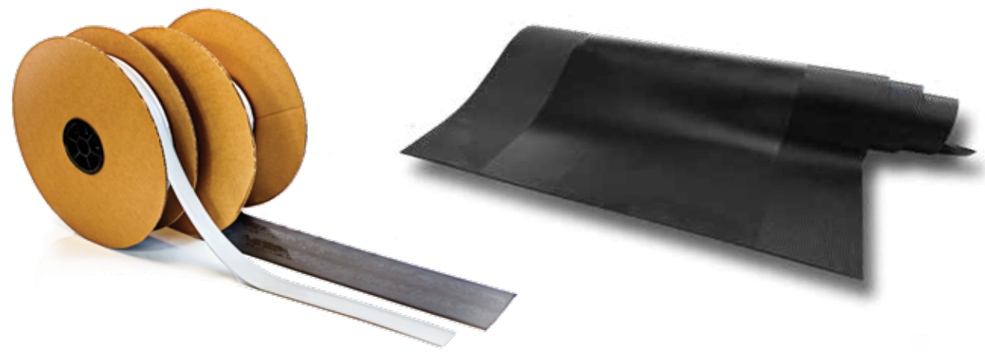
Our Universal Color Packs allow you to use unique colors and maximize your options without worrying about minimum batches or waiting for factory processing lead times. Leverage this flexibility to explore your vision without unnecessary inventory costs or delays.

Custom Colors

Pecora's state-of-the-art color lab can quickly create accurate custom matches specific to your project's substrates. You can also choose from over 8,000 color formulas on file giving us the ability to quickly support you with the best color match possible. By delivering the perfectly color, combined with the performance of our non-staining technology, we can turn your vision into a reality.

SIL-SPAN PREFORMED SILICONE PROFILES

Sealant failures are a common occurrence and can result in substantial damage. Pecora Sil-Span Preformed Silicone Profiles make restoration easy with an alternative to the traditional method of repairing failed sealants. Pecora's Sil-Span bridges the joint to waterproof the building envelope while maintaining building integrity without removing old material and avoiding substrate damage.



TRANSITION SYSTEMS

Most new buildings and building recladding systems use an air barrier to create energy efficient building envelopes. Creating a continuous monolithic skin remains key to the success of any air barrier system but can include challenges in connecting dissimilar components and materials.

Pecora's XL-Transition System — a simplified approach to assuring continuity of the window system or curtain wall to the air, vapor, and water barrier systems — uses Pecora's XL-Span 100% Silicone Extruded Transition Membrane and AVB silicone sealant.

XL-Span is an extruded silicone membrane in 50-foot translucent, ribbed rolls available in four, six, or nine-inch-wide sections. Apply Pecora AVB — a single component, 100% non-staining. silicone sealant — as the adhesive for the XL-Span to ensure an airtight transition. Pecora AVB Silicone adheres to a wide variety of low surface energy materials, and the XL-Transition System allows for a continuous air and water-tight transition seal between dissimilar materials, curtain walls, and window systems.

SILICONE SOLUTIONS

PCS Pecora Contractors Silicone

A one-part, neutral cure, medium modulus silicone sealant designed for moving joints in exterior window and door perimeters, concrete panels, curtain walls, and EIFS. PCS offers primerless adhesion to most building substrates and is 100% compatible for edge contact to laminated and insulated glass units.

Glass and Glazing Sealants

Pecora offers 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, Pecora's glazing solutions include products with high green strength, long lasting bonds to a variety of substrates. Choose from a variety of products which include Pecora 860, 896, 896-HIS, 896-SSL, 896-TBS, 896-TBS-SSL, 896FC, 985, and 1215.

Traffic Silicone Sealants

Reduce pavement deterioration by preventing surface water penetration into underlying layers with Pecora's silicone sealant. Our 300-SL, 301-NS, or 322FC products give you a solution for virtually any traffic grade application.

DON'T STAIN YOUR REPUTATION.

Pecora's Non-Staining Technology (NST) line of construction silicone products remains the industry's first and only complete non-staining silicone product line.

Pecora will warrant the NST line of architectural sealants against incident of staining or discoloration of porous and non-porous surfaces such as architectural grade natural stones, metal panels, glass curtain wall, etc. for up to 20 years. This warranty can be provided without the requirement for traditional pre-project stain testing of elastomeric sealant materials as outlined in ASTM C-920. Pecora can provide this warranty based on our proven and proprietary silicone formulations, which by design, contain no additional free Polydimethylsiloxane (PDMS) fluid. It is this free PDMS fluid which causes the unsightly leaching and staining of architectural surfaces sealed with traditional grade architectural silicone-based sealants.

Traditional silicone sealants contain both high molecular weight silicone polymers and low molecular weight fluid molecules. Silicone polymers are large molecules designed to react chemically with atmospheric moisture. As a result, these higher molecular weight polymer molecules bind together and are unable to escape from the sealant.

Lower molecular weight fluid molecules, traditionally present to control the modulus and other properties, are not reactive and remain unbound — giving them the opportunity to migrate out of the sealant and into the substrate over time or run down the face of the building. This fluid migration is potentially damaging since it can coat everything it comes in contact with, but Pecora's NST silicone sealants do not contain these unbound molecular weight fluid molecules. This effectively eliminates the possibility of staining and residue run down while increasing adhesion and reducing dirt pick-up.

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THE PECORA PROTECTS PROMISE

The Pecora promise is about more than high quality sealants, air barriers, and traffic coatings. It's a promise to you, to your project, 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.