

PECORA SILICONE SEALANTS



**SERVICE.
PERFORMANCE.
RESULTS.**

LIBRARY

Pecora Silicone Sealants: Protection Against the Elements

Pecora offers a complete line of flexible, protective silicone sealants which it has continued to innovate over the past 30 years. Our wide variety of silicone offerings addresses most any project requirement: 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, hydrothermal 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. Maximize jobsite flexibility and structural protection with Pecora's industry-first complete line of non-staining technology (NST), easily colored field tintable silicones, and restorative 100% silicone transition systems.



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.

Traditional silicone sealants contain both high molecular weight silicone polymers and low molecular weight fluid molecules. Silicone polymers are very long 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 low molecular weight fluid molecules. This effectively eliminates the possibility of staining and residue rundown while increasing adhesion and reducing dirt pick-up.

Pecora's Non-Staining (NST) Technology

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.



Just Add Color with Pecora Field Tintable Silicone

Pecora 890FTS and 890FTS-TXTR silicone sealants offer unprecedented flexibility as high-quality, non-staining silicones which can be quickly and easily tinted at the jobsite. You select the appearance (smooth or textured), the color (from 51 standard universal color packs), and the amount to mix only what you need for less inventory management, no leftovers, and no worries. Pecora 890FTS and 890FTS-TXTR are the industry's first silicone products to offer textural selection in a field tintable sealant.

Pecora 890 FTS and 890 FTS-TXTR — This neutral-curing silicone is 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 the flexibility to explore your vision without unnecessary inventory costs or delays.



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 over the joint to waterproof the building envelope while maintaining building integrity — without removing old material and avoiding substrate damage.



T 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% 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, 310-SL, 311-NS, or 322FC products give you a solution for virtually any traffic grade application.



**PROTECTION
AGAINST THE
ELEMENTS**

Trust Pecora's Silicone Sealants to Protect Your Next Project

PECORA PRODUCT	DESCRIPTION	PROPERTIES / SPECIFICATIONS		
		Movement Class	Service Temp (F)	Modulus (Tensile At 100% Extension (Psi))
	Non-Sag (NS) · Self-Leveling (SL) · Pre-Formed (P) · 1 Part (I) · 2 Part (II)			
300-SL	Self-Leveling Pavement Joint Sealant (SL) (I)	100	-60 to 300	9
301-NS	Non-Sag Pavement Sealant (NS) (II)	100	-60 to 300	15
310-SL	Self-Leveling Parking Deck Sealant (SL) (I)	100	-60 to 300	9
311-NS	Non-Sag Parking Deck Sealant (NS) (I)	100	-60 to 300	15
322FC	Fast Cure Traffic Silicone (SL) (II)	100	-60 to 300	180
860	Economical, Acetoxy Glazers and Contractors Sealant (NS) (I)	25	-75 to 400	60
864NST	Non-Staining Technology™ Silicone Glazing & Weatherproofing Sealant (NS) (I)	50	-60 to 300	35
890FTS	Field Tintable Silicone® (NS) (I)	100	-60 to 300	25
890FTS-TXTR	Field Tintable Textured Silicone® (NS) (I)	50	-60 to 300	120
890NST	Non-Staining Technology™ Ultra Low Modulus Silicone Sealant (NS) (I)	100	-60 to 300	25
895NST	Non-Staining Technology™ Silicone Glazing & Weatherproofing Sealant (NS) (I)	50	-60 to 300	45
896	High-Performance Silicone Window and Door Sealant (NS) (I)	50	-60 to 300	45
896FC	Fast-Curing, Fluid-Free Window and Door Sealant (NS) (I)	25	-60 to 300	45
896-HIS	High Impact Silicone (NS) (I)	25	-60 to 300	120
896-SSL	Semi-Self Leveling Silicone Narrow-Joint Seam Sealer (NS) (I)	50	-60 to 300	N/A
896-TBS	Thermal Barrier Silicone® (NS) (I)	50	-60 to 300	55
896-TBS-SSL	Thermal Barrier Silicone® Narrow-Joint Seam Sealer (SL) (I)	50	-60 to 300	N/A
898NST	Non-Staining Technology™ Sanitary Mildew Resistant Silicone Sealant (NS) (I)	50	-60 to 300	45
985	Structural Silicone Sealant (NS) (II)	25	-60 to 300	75
1215	Narrow Joint Seam Sealer (NS) (I)	N/A	-60 to 300	20
AVB	Air Barrier Surface Transition Silicone Sealant (NS) (I)	25	-60 to 300	33
PCS	Contractor Silicone (NS) (I)	50	-60 to 300	35
Sil-Span	Pre-Formed Silicone Profile Seal (P)	200	-60 to 300	70
XL-Span	Pre-Formed Silicone Transition Membrane (P)	200	-60 to 300	180



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.

Since its founding in 1862 as a Philadelphia-based paint and varnish company, Pecora has developed and manufactured trusted solutions to meet every customer's needs. Over the years, the company used its innovative technological development capabilities to grow its product line and quickly emerged as a premier manufacturer of architectural weatherproofing products. Pecora is ISO 9001:2008 certified and proudly manufactures all products right here in the USA.

PECORA PROTECTS.