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THE ADVANTAGES ARE EASY TO SEE



PECORA NON-STAINING TECHNOLOGY™

THE FIRST COMPLETE LINE OF NON-STAINING SILICONES





**PREVENT CALLBACKS,
COSTLY REPAIR WORK,
AND REPUTATION DAMAGE
CAUSED BY
SEALANT STAINS.**

PECORA NST NON STAINING TECHNOLOGY™

THE FIRST COMPLETE LINE OF NON STAINING SILICONES

PECORA 890 FTS & 890 FTS-TXTR

FIELD TINTABLE, NON-STAINING SILICONE SEALANT
SMOOTH AND TEXTURED FORMULAS

PECORA 864 NST

THE INDUSTRY'S FIRST NON-STAINING
LOW MODULUS SILICONE DESIGNED FOR
EXPANSION AND CONTROL JOINTS



PECORA 895 NST

THE INDUSTRY'S FIRST NON-STAINING
MEDIUM MODULUS SILICONE DESIGNED FOR
STRUCTURAL AND NON-STRUCTURAL GLAZING

PECORA 890 NST

THE LEGENDARY NON-STAINING
ULTRA LOW MODULUS SILICONE

**INTELLIGENT ENGINEERING. INDEPENDENTLY TESTED.
A TRUE INNOVATION IN SEALANT TECHNOLOGY.**

Pecora is proud to be the first and only sealant manufacturer to offer a full line of non-staining silicone construction products. NST Non-Staining Technology™ is the result of years of development in Pecora's labs followed by non-staining verification in independent labs.

Surface staining and residual run down are more than cosmetic problems. When discoloration appears, it has a negative impact on how owners, tenants and visitors feel about the overall quality of a structure. This shift in perception can have an adverse effect on the reputation of construction and maintenance partners. This is a real problem because the hardest thing to build and maintain is a strong reputation.

ENGINEERED FOR NON-STAINING SUCCESS

Pecora's NST Silicone sealants are formulated to eliminate the free silicone fluid molecules which migrate into substrates, run down the face of the building and cause unsightly staining that is expensive to remove and creates other problems. This unique formulation maintains the sealant flexibility necessary to accommodate a building's constant movement. Even the most expensive technology or facade substrates are safe because the root cause of the staining problem has been completely eliminated.

MOLECULAR STRUCTURE AND SILICONE SEALANTS

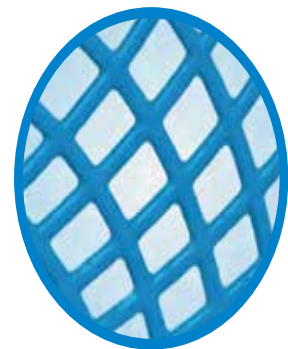
Traditional silicone sealants contain both silicone polymers and free fluid molecules. Silicone polymers are very long molecules designed to chemically react with atmospheric moisture. As a result, these polymer molecules become bound together and are unable to escape from the sealant.

By contrast, nonreactive free fluid molecules, which are traditionally present in order to control the modulus and other sealant physical properties, are not reactive and so remain unbound giving them the opportunity to migrate. What makes nonreactive silicone fluids so potentially damaging is their propensity to coat everything they come in contact with. Pecora's NST Silicone sealants simply do not contain nonreactive fluid molecules which tend to migrate into the substrate and run down the face of the building.

**PECORA'S NST SILICONES
DO NOT CONTAIN FLUIDS THAT STAIN
EFFECTIVELY ELIMINATING
STAINING OR RESIDUE RUNDOWN.**



Traditional Silicone products with free silicone fluid molecules



Pecora NST Non-Staining Technology with no silicone fluid molecules

OTHER SILICONE SEALANTS ARE FORMULATED TO FAIL

Traditional silicone sealants contain both reactive silicone polymers and nonreactive free fluid molecules, which are present to control the modulus. Nonreactive free silicone fluid remains unbound with the freedom to migrate, into and onto both porous and nonporous surfaces, and cause additional damage.

HOW FLUID MIGRATION DAMAGES APPEARANCE

Silicone fluids are able to migrate away from a silicone sealant to create two kinds of visual problems:

- 1) Staining: Absorption of the silicone fluid into porous substrates.
- 2) Residue Rundown: Where any silicone fluid which is not absorbed runs down the face of the building.

VISUAL APPEARANCE OF FLUID MIGRATION DEPENDING ON WEATHER CONDITIONS

WEATHER CONDITION	APPEARANCE WITH PECORA NST	POTENTIAL APPEARANCE WITH SOME SILICONE SEALANTS
Dry	No change in appearance	Unightly contrast in the form of the dark outline of the stain against the lighter unstained substrate.
Rain	No change in appearance	Unightly contrast due to the relatively light outline of the stain against the darker, wet substrate. Water can't be absorbed where the silicone fluid has already permeated the substrate.

INDEPENDENT VALIDATION

The non-staining attributes have been independently tested in accordance with procedures outlined in ASTM C 1248-04 "Standard Test Method for Staining of Porous Substrates by Joint Sealants." The results confirm absolutely NO visual staining with products containing Pecora's NST Non-Staining Technology while several competitors' products produced significant visual surface staining of the white marble substrate used in the test.

AVAILABLE IN VIRTUALLY ANY COLOR

Combine the perfect color for your project and the confidence of non-staining performance to make your vision a reality. Pecora's NST Non-Staining Silicones are available in a wide variety of standard colors as well as virtually any custom color you can imagine. Pecora's color matching team can quickly take your substrate or chip sample and turn it into a custom batch of NST.

CHOOSE WITH TOTAL CONFIDENCE

When you choose NST Non-Staining Sealants you can complete a project with the confidence that any substrate—from the expensive and exotic to the most ordinary—will not be damaged by the silicone. And because the NST silicones are available in a variety of modulus, and any color you can imagine, the sealant decision process has been made even easier.

890 NST

NON-STAINING, ULTRA-LOW
MODULUS SILICONE SEALANT

890NST is a one-part, neutral-curing, ultra low-modulus silicone sealant that will not stain natural stone such as marble and granite and that reacts with atmospheric moisture to form a durable, flexible building sealant. 890NST performs exceptionally well under dynamic conditions due to its ultra-low modulus, high extension/compression, recovery properties and strong adhesion to most building materials and accommodates long-term movement of +100/-50% in properly designed joints. Harsh weather conditions, rain, sleet, snow, sunlight and extreme temperatures, high ozone concentrations and/or exposure to intense ultra violet rays have very little effect on the ultimate performance of Pecora 890NST even after years of such exposure. It is particularly well suited for use in Exterior Insulation Finish Systems (EIFS) because of its proven strong adhesion to all base and top coats and because its ultra-low modulus formulation places minimal stress on the bond line. Available in many of the more popular EIFS colors.

BASIC USES

- New or remedial construction
- Expansion and control joints in precast concrete panels
- Architectural and natural stone
- Metal curtainwalls
- Perimeter sealing of doors and windows
- Exterior Insulation Finish Systems (EIFS) and numerous other areas requiring a high-performance sealant
- Fluoropolymer painted and powder coated aluminum, wood, vinyl and many other plastics

864 NST

NON-STAINING, LOW MODULUS
ARCHITECTURAL SILICONE SEALANT

864NST is one-part, low-modulus, neutral-curing, high-performance silicone sealant that cures via atmospheric moisture to form a durable, flexible building seal. 864NST will not stain natural stone such as marble and granite. Because of its low-modulus, high extension/compression and recovery properties, and its strong adhesion to most building materials, Pecora 864NST performs exceptionally well under dynamic conditions accommodating long-term movement of ±50% in properly designed joints.

BASIC USES

- Expansion and control joints in precast concrete panels
- Masonry and metal curtainwalls
- Natural stones
- Perimeter sealing of doors and windows, and other building components

895 NST

STRUCTURAL SILICONE GLAZING
& WEATHERPROOFING SEALANT

895NST is a high-performing, neutral curing, medium modulus silicone sealant specifically designed for structural and non-structural glazing, with excellent aesthetic characteristics in that it will not stain sensitive porous natural stones such as granite or marble and will not contribute to residue run down on non-porous surfaces such as metal or glass curtain wall facades. Reduction in long term dirt pick up on sealant surface is also a feature of the Pecora NST line of silicone architectural grade sealants. With a dynamic movement capability of ±50% to complement its structural strength, 895NST is equally efficient as a weatherseal in the vast majority of sealant applications other than glazing.

BASIC USES

- Structural glazing of glass, metal and plastic. It may also be used as a weatherseal in structural glazing applications.
- Non-structural glazing applications including cap, toe and heel beads and as a weatherseal in glass to glass butt joint glazing.
- Sealing expansion and control joints in precast concrete panels, metal curtain walls, and natural stone.
- Perimeter sealing of doors, windows and other building components.
- Adhering stiffeners to building panels.
- Use in unitized curtain wall systems.
- Security glazing and impact-resistant window systems.

898 NST

SANITARY MILDEW RESISTANT
SILICONE SEALANT

Pecora 898NST is a single component, very low odor, neutral curing silicone sealant with excellent aesthetic characteristics in that it will not stain sensitive porous natural stones such as granite or marble. Reduction in long term dirt pick up on sealant surface is also a feature of the Pecora NST line of silicone architectural grade sealants. 898NST is expressly developed for those interior applications requiring a high degree of cleanliness, freedom from bacterial growth and an appearance complimentary to adjacent surfaces. 898NST adheres extremely well to glass, plastics, ceramic tile, glazed pottery, natural or cultured marble, porcelain, enamel, metals, painted wood, granite, limestone, and other natural stones.

BASIC USES

- Perimeters of fixtures of bathroom, lavatory, kitchen and other hygienic facilities
- Reset and/or re-grout ceramic tile
- Natural stone such as marble and granite

890 FTS & 890 FTS-TXTR

FIELD TINTABLE, NON-STAINING SILICONE SEALANT
SMOOTH AND TEXTURED FORMULAS

890FTS and 890FTS-TXTR are field tintable, neutral-curing silicones that will not stain natural stone such as marble and granite, and will react with atmospheric moisture to form a durable, flexible building sealant. 890FTS and 890FTSTXTR both perform exceptionally well under dynamic conditions with 890FTS accommodating long-term movement of +100/-50% and 890FTS-TXTR accommodating long-term movement of +50/-50% in properly designed joints. Harsh weather conditions and extreme temperatures have very little effect on the performance of 890FTS and 890FTS-TXTR even after years of exposure. They are also particularly well suited for use in Exterior Insulation Finish Systems (EIFS) because of their proven strong adhesion to all base and top coats and because the ultra-low modulus formulation places minimal stress on the bond line.

BASIC USES

- New or remedial construction
- Expansion and control joints in precast concrete panels
- Architectural and natural stone
- Masonry, steel, metal curtain walls
- Sealing door and window perimeters
- Exterior Insulation Finish systems (EIFS)
- Fluoropolymer and powder coated aluminum, wood, vinyl and many plastics
- Installations featuring field tinting through the use of our universal color packs
- Installations where smooth or a textured, grout-like formula is needed



SEE PECORA.COM
FOR ALL PRODUCT SPECIFICATION
DATA SHEETS



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.