

New from Pecora:
NST Non-Staining Technology®

Don't Stain Your Reputation™



864NST
NON-STAINING
TECHNOLOGY.

890NST
NON-STAINING
TECHNOLOGY

895NST
NON-STAINING
TECHNOLOGY.

 **PECORA
CORPORATION®**

Architectural Weatherproofing Products
U.S.A. • since 1862

Introducing the latest advance
in architectural silicone sealants:

Pecora NST Non-Staining Technology™

Why risk
callbacks and
costly repair work
associated with
sealant staining?

Pecora's New NST Non-Staining Technology™ line of construction silicone products is the industry's first complete non-staining silicone program. We've taken our classic 864, 890 and 895 products and advanced them to the next level of performance with NST Non-Staining Performance to save you time and money.

Pecora's new NST Non Staining Technology™ provides you with the peace of mind of no fluid migration when using high priced porous substrates. Pecora's NST Silicone sealants simply do not contain those fluid molecules which tend to migrate into the substrate and run down the face of the building. No worries, no hassles, no headaches.

NST silicones also provide the additional benefits of increased adhesion and reduced dirt pick-up compared with many traditional silicone products. Whether you need an ultra low modulus sealant for an EIFS building, a medium mod sealant for structural glazing or virtually anything in-between, Pecora's NST now offers you the industry's complete non-staining solution.



890NST NON-STAINING TECHNOLOGY

890NST

The legendary Non-Staining
Ultra Low Modulus silicone with
a new name and design.

Specifications

Joint Movement Class Test Procedure ASTM C719.	100
Modulus @ 100% Elongation Test Procedure ASTM D412.30
Elongation % Test Procedure ASTM D412.	1000
Ultimate Tensile Strength Test Procedure ASTM D412.	120

864NST NON-STAINING TECHNOLOGY

864NST

The industry's first Non-Staining
Low Modulus silicone designed for
Expansion and Control Joints.

Specifications

Joint Movement Class Test Procedure ASTM C719.50
Modulus @ 100% Elongation Test Procedure ASTM D412.38
Elongation % Test Procedure ASTM D412.	900
Ultimate Tensile Strength Test Procedure ASTM D412.	175

895NST NON-STAINING TECHNOLOGY

895NST

The industry's first Non-Staining
Medium Modulus silicone designed for
Structural and Non-structural Glazing.

Specifications

Joint Movement Class Test Procedure ASTM C719.50
Modulus @ 100% Elongation Test Procedure ASTM D412.50
Elongation % Test Procedure ASTM D412.	700
Ultimate Tensile Strength Test Procedure ASTM D412.	200

Incomparable Technology, Intelligent Engineering, Independently Tested.

NST Non-Staining Technology™ is the result of years of complex formulating in Pecora's labs followed by non-staining verification in independent labs.

After years of careful development, Pecora is proud to be the first and only sealant manufacturer to offer a full line of non-staining silicone construction products. And rest assured just as much hard work went into the testing of the products as with the formulating. To validate their non-staining attributes, independent testing was conducted in accordance with procedures outlined in ASTM C 1248-04 "Standard Test Method for Staining of Porous Substrates by Joint Sealants." Testing confirmed significant visual surface staining of the white marble substrate with several of our competitors' products. However there was absolutely NO visual staining with products containing Pecora's NST Non-Staining Technology. Use it with confidence.

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.

Fluid Migration will appear quite differently depending on weather conditions:

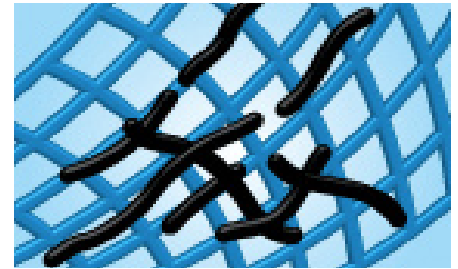
Weather Condition	Appearance with Pecora NST	Potential appearance with some silicone sealants
Dry	No change in appearance	Unsightly contrast in the form of the dark outline of the stain against the lighter unstained substrate.
Rain	No change in appearance	Unsightly contrast due to the relatively light outline of the stain against the darker, wet substrate. Water can't be absorbed where the silicone fluid has already permeated the substrate.

Pecora's NST silicones do not contain fluids that stain – effectively eliminating the possibility of staining or residue rundown.

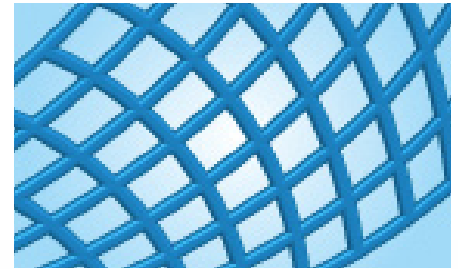
Molecular structure and silicone sealants

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



Traditional Silicone products with free silicone fluid molecules.



Pecora NST Non-Staining Technology with no silicone fluid molecules.

Vision, Execution, Performance

Take your vision to reality with both the perfect color for your project and the confidence of non-staining performance.

864NST, 890NST, and 895NST are available in a wide variety of standard colors as well as virtually any special 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 in order to effectively and efficiently execute your vision.

Your Reputation, Our Reputation: On The Line With Every Project



To maximize your color flexibility while minimizing inventory costs, use 890FTS Field Tintable Silicone™ – part of Pecora's non-staining silicone line.

Don't Stain Your Reputation™



For more information,
please visit www.pecora.com

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