



PECORA FENESTRATION

Introducing New 896FC  
Fast Cure & Fluid Free

# High Performance Sealants For Window & Door Fabricators



## Advanced Sealant Solutions



PECORA  
CORPORATION®

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



# PECORA FENESTRATION

## Innovative Sealant Solutions for Window and Door Fabricators

### Productivity, Performance, Durability

Driven by advances in the window and door industry and ever stricter building codes, Pecora is continually searching to provide solutions to the fenestration industry that offer high green strength for increased factory throughput, and strong, long lasting bonds to a variety of substrates. At our plant in Pennsylvania, Pecora's growth stems from continuous research and the development of new and innovative products. Our objective is to develop and produce advanced sealants that contribute to your profitability and long-term success.

### Advanced Breakthrough Technology

#### Ultra Fast Curing, Fluid Free Silicone - *New Pecora 896FC Fast Cure*

With Pecora 896FC, there is now a sealant that eliminates the fluid found in traditional silicone sealants and, with it, the possibility of damage to window laminates and secondary IGU seals caused by silicone migration. All while providing the fastest possible green strength available in a one-part silicone sealant.

Pecora 896FC is specifically designed for in-shop fabrication of windows as a primary bedding compound for glass in wood, vinyl, aluminum and steel sash. The 100% silicone sealant skins in mere minutes, meets the requirements of AAMA 802.3 Type I & II, AAMA 805.2 and is VOC compliant. It can also be used as a cap, toe or heel beads for windows and doors or perimeter weatherseal for field glazing and window installation.

#### Silicone Narrow Joint Seam Sealer - Pecora 1215 Seam Sealer



For decades, solvent cut acrylic sealants have been used for sealing narrow joints and seams in window and door fabrication. Pecora's New 1215 Seam Sealer is a VOC compliant, 100% silicone sealant that eliminates the problems associated with traditional solvent cut acrylics.

The moisture cure silicone formula reduces noxious odors on the production line, increases productivity with a faster cure rate and meets the requirements of AAMA 803.3, Type II. Pecora 1215 also incorporates UV black light technology for improved quality control processes. In addition 1215 Seam Sealer provides superior adhesion to structural thermal barriers such as Insulbar®.

#### OPTIONS for 896 Series Fenestration Silicones

- **Black Light Visibility:** Available in translucent, tru-white or light colored 896 silicones, this UV option improves quality control and reduces the potential for field failures by giving line operators the ability to easily detect gaps in the sealant that can result in leaking.
- **Beaded Spacers:** Add beaded spacers directly into the silicone sealant reducing "squeeze out" and "starved bond lines" for a constantly higher performing seal while eliminating the cost of adding blocks or mechanical spacers to the window bedding.

#### Semi-Self Leveling Silicone Sealants - 896-SSL and 896-TBS-SSL



Traditional Non-sag Silicone.

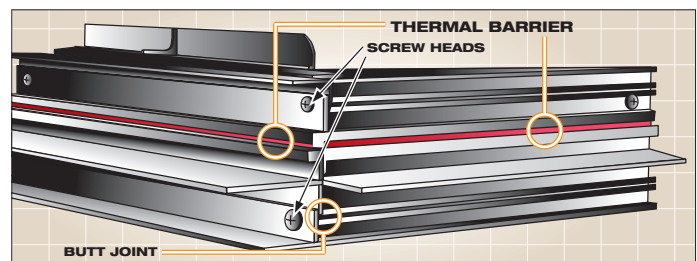


896 Self Leveling Silicone.

As window and curtainwall designs continue to evolve, improved methods for sealing around screw-heads, bolt holes, corner details and mechanical fasteners are critical. Utilizing a controlled flow silicone sealant instead of a non-sag version can reduce material usage, labor and cost by an average of 40% - with no tooling. Pecora is the industry leader for semi-self leveling sealants with 896-SSL and 896-TBS-SSL. These unique silicones infiltrate into all cracks ensuring a complete seal with no waste of material, shrinking or cracking while also providing excellent adhesion.

#### Thermal Barrier Silicone Sealants - 896-TBS and 896-TBS-SSL

As fenestration technology pushes forward, unique sealant solutions are needed to accommodate advances in materials. In response to the increased usage of thermal barriers consisting of lightweight glass-reinforced nylon, Pecora has developed 896-TBS Thermal Barrier Silicone™ and 896-TBS-SSL: the FIRST fast-cure and self-leveling sealants on the market to adhere to this technology.



896-TBS and 896-TBS-SSL adhere to thermal barriers and completely seal screwheads and butt joints.



# PECORA FENESTRATION

## High Performance Sealants

### Silicone Fenestration Products

#### Pecora's 896 Series

Pecora's 896 Series provides the unique features necessary for the continuous advancements taking place in window and door manufacturing. Each product in the series addresses a specific need while all of the 896 products provide the following:

- Superior adhesion with tenacious bonding to typical fenestration substrates
- Fast cure-through allows window manufacturers increased productivity by reducing the holding period. Cures through in less than 24 hours
- UV resistant, non-toxic and no objectionable odor



All 896 products are available in 10.1 ounce plastic cartridges and 50 gallon units

#### Pecora 896 FC Fast Cure

- Fluid-Free silicone formulation is compatible with various window components eliminating the possibility of fluid migration into window laminates and secondary IGU seals
- Rapid green strength development – ASTM C961 (22.2psi after 3 hrs.)
- Ultra-Fast curing, single-component silicone skins in less than 5 minutes and cures through within 3-6 hours
- AAMA Compliance 802.3 Type I & II, 805.2

#### Pecora 896 High Performance Silicone Window & Door Sealant

- High strength with extreme movement capabilities

#### Pecora 896-SSL Semi-Self Leveling Silicone Narrow-Joint Seam Sealer

- Controlled flow around screwheads, bolt holes, corner details and mechanical fasteners allows manufacturers to use a fraction of the material needed with a non-sag sealant
- Extremely flexible with a movement capability of  $\pm 50\%$
- No tooling, no shrinkage and no cracking

#### Pecora 1215 Seam Sealer

- VOC compliant and low odor
- AAMA Compliance 803.3, Type I & II
- Faster cure rate than with traditional acrylic sealant
- Thermal Barrier Silicone (TBS) Formulation allowing superior adhesion to structural thermal barriers such as Insulbar®
- UV Black Light Visibility resulting in improved quality control, fewer field failures and fewer call backs

#### Pecora 985 Structural Glazing Silicone

- Formulated and compounded for use in shop-fabrication of structurally glazed curtain-wall systems
- High tensile strength
- Excellent working properties
- 2-component, Ultra-Fast curing and rapid green strength development

#### Pecora 896-TBS Thermal Barrier Silicone™

- Ideal for insulation barrier windows offering primer-less adhesion to structural thermal breaks
- High Strength and extreme movement capabilities

#### Pecora 896-TBS-SSL Thermal Barrier Silicone™ Narrow-Joint Seam Sealer

- Excellent, primer-less adhesion to structural thermal breaks
- Controlled flow around screwheads, bolt holes, corner details and mechanical fasteners allows manufacturers to use a fraction of the material needed with a non-sag sealant
- Extremely flexible with a movement capability of  $\pm 50\%$
- No tooling, no shrinkage and no cracking

#### Pecora 896-HIS High Impact Silicone

- Tested successfully in window systems designed to meet rigid building standards in hurricane regions (AAMA 506)
- Excellent shock and vibration resistance as well as impact strength
- Extremely fast curing in unexposed structural joint configurations

#### Pecora 895NST Structural Glazing Silicone

- Ideal for in shop-fabrication of structurally glazed curtainwall systems
- Superior Adhesion – bonds tenaciously to most substrates without priming
- Non-Staining Technology (NST) – does not contain silicone fluids that migrate into costly porous substrates
- No Residue Rundown and Reduced Dirt Pick-Up

#### Pecora 860 Glaziers & Contractors Acetoxy Silicone Sealant

- Reduced Dirt Pick-Up
- Excellent adhesion – bonds without priming to most substrates
- Low VOC content

### Latex Fenestration Products

#### AVW-920 Water Based Acrylic Latex

- Specifically formulated for the wood window and door glazing industry
- Meets specification ASTM C920
- Excellent color stability and resistance to ultraviolet rays, ozone and airborne contaminants

#### AC-20® Non-Sag, Acrylic Latex

- Formulated with a silane additive for greater adhesion & durability
- Ideal for back bedding in wood windows and doors, as well as for window installation
- Excellent color stability and resistance to ultraviolet rays, ozone and airborne contaminants



For more information on Pecora products, contact Pecora at 1-800-523-6688 for your nearest manufacturer's representative or visit our website at [www.pecora.com](http://www.pecora.com) for complete product and representative information.

# PECORA Window and Door Sealants

Product Description	AAMA Compliance	Movement Capability	Tensile Adhesion, psi ASTM C-1135	Ultimate Tensile Strength, psi ASTM D-412	Through Cure Hrs. (1/4" bead) 75°F/50% RH
<b>896 FC Fast Cure Silicone Window and Door Sealant:</b> A one part, fluid-free, fast curing silicone sealant specifically designed for in-shop fabrication of windows as a primary bedding compound for glass in wood, vinyl and aluminum and steel sash.	AAMA 802.3 Type I & II, AAMA 805.2	±25%	185	200	3-6*
<b>Pecora 896 High Performance Silicone Window and Door Sealant:</b> A one part, neutral curing, medium-modulus silicone sealant specially formulated for the window and door glazing industry.	AAMA 802.3, TYPE II AAMA 805.2, GROUP C	±50%	80	225	<24
<b>Pecora 896-SSL Semi-Self Leveling Silicone Narrow-Joint Seam Sealer:</b> Formulated specifically to seal mechanically-fixed joints in fenestration details, 896-SSL is a flowable, semi-self leveling, neutral-curing sealant.	AAMA 803.3, TYPE II	±50%	70	135	<24
<b>Pecora 896-TBS Thermal Barrier Silicone™:</b> Developed for the window and door glazing industry, 896-TBS adheres extremely well to composite nylon structural thermal barriers with high strength capabilities and the fast cure required for in-shop fabrication.	AAMA 802.3, Type II AAMA 805.2, GROUP C	±50%	60	135	<24
<b>Pecora 896-TBS-SSL Thermal Barrier Silicone™ Narrow-Joint Seam Sealer:</b> A flowable, semi-self leveling version of 896-TBS with the same strong adhesion to composite nylon structural thermal barriers.		±50%	70	135	<24
<b>Pecora 896-HIS High Impact Silicone:</b> A one-component, neutral curing sealant designed specifically for window systems required to meet the rigid standards for bomb-blast and hurricane conditions.	AAMA 506.00	±25%	200	375	6
<b>Pecora 1215 Seam Sealer:</b> A one-component, moisture cure, 100% silicone based seam sealer designed for sealing narrow joints and seams in glazing applications as well as other industrial OEM processes.	AAMA 803.3, TYPE II	—	—	75	2
<b>Pecora 985 Structural Glazing Silicone:</b> A fast curing two-part, high-modulus silicone sealant specially formulated and compounded for use in shop-fabrication of structurally glazed curtain-wall systems. 985 has high tensile strength, excellent working properties and adjustable cure rates of 10-25 minutes.	AAMA 802.3, Type II AAMA 805.2, GROUP C	±25%	—	206	.5
<b>Pecora 895NST Structural Glazing Silicone:</b> A high performing medium modulus, neutral cure silicone sealant specifically designed for structural and non-structural glazing. 895NST will not stain natural stone such as marble and granite.	AAMA 802.3, Type II AAMA 805.2, GROUP C	±50%	100	200	24
<b>Pecora 860 Glaziers &amp; Contractors Silicone Sealant:</b> An economical, one-part acetoxo silicone sealant for glass shop glazing, industrial applications and general purpose sealing.		±25%	—	270	24
<b>Pecora AVW-920 Water Based Acrylic Latex:</b> A one-part, water based sealant specially formulated for the window and door glazing industry. AVW-920 can also be used in weathersealing applications where greater movement and flexibility is needed.		±25%	38	—	36
<b>Pecora AC-20® Non-Sag, Acrylic Latex:</b> A pure acrylic latex sealant ideal for back bedding of wood windows and doors, as well as window installation. Well suited for architectural applications where slight to moderate movement is anticipated.		±7.5%	29	85	31

\* Increased atmospheric moisture will decrease cure time.

## Product Applications

Pecora Sealant	Back Bedding	Fillet Bead	Seam Sealant	Heel Bead	Installation Sealant	Structural Sealant	High Impact-rated Windows & Doors	Blast Rated
896FC	▲	▲	▲	▲	▲	▲	▲	
896	▲	▲		▲	▲	▲	▲	
896-SSL			▲					
896-TBS	▲	▲		▲	▲	▲	▲	
896-TBS-SSL			▲					
896-HIS	▲	▲		▲	▲	▲	▲	▲
1215			▲					
985	▲			▲		▲	▲	▲
895NST		▲		▲	▲	▲	▲	
860					▲			
AVW-920	▲				▲			
AC-20	▲				▲			

For more information,  
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