



80 SERIES AND 70 SERIES

FUSION-WELDED VINYL WINDOWS

Enhance your home
ENHANCE YOUR HOME WITH THE
BEAUTY OF NATURAL LIGHT

 GENTEK®

OUR WINDOWS. YOUR PEACE OF MIND.

Visually exciting and powerfully built, Gentek windows will dramatically heighten the style and comfort of your home. Equally important, they will deliver true peace of mind that you have chosen a high-performance window from a respected manufacturer. Pride in our products and "Custom-Crafted in the U.S.A." ingenuity are at the heart of our commitment to quality. It's what makes our windows among the best in the industry and our service second to none.



Gentek windows are custom-made to your exact specifications and backed by decades of window manufacturing expertise. Engineering, innovation, rigorous testing and stringent quality control are just a few ways that we turn cutting-edge technology into superior windows and satisfied customers. When you choose Gentek windows for your home, you can be assured of the highest levels of performance, beauty and value.

 **GENTEK**®





80 SERIES AND 70 SERIES

FUSION-WELDED VINYL WINDOWS

Stylish and strong, Gentek 80 Series and 70 Series windows feature a vinyl mainframe and sash with fusion-welded corners. Multi-chambered extrusions and a metal-reinforced locking rail provide increased strength and durability, as well as year-round thermal protection.¹ You'll also enjoy the carefree upkeep of these masterfully crafted windows. The premium vinyl construction won't rot, split, corrode or pit like painted wood windows and won't swell or warp from exposure to moisture. Your windows will maintain their crisp, clean appearance season after season.

PRECISION-ENGINEERED FOR ENERGY SAVINGS

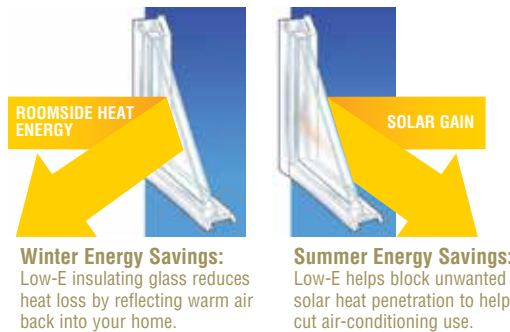
When you consider that windows are roughly 80% glass, you'll see why it's important to choose a glass system that provides superior protection against energy loss. Gentek 80 Series and 70 Series windows are built with high-performance insulating glass that incorporates a warm-edge spacer system. Upgrading your windows with a BarrierXP[®] insulating glass² package will further increase the energy efficiency. BarrierXP combines multi-layer low-emissivity (Low-E) glass and argon gas along with the Intercept[®] Warm-Edge Spacer System for advanced energy savings.

Low-E glass features a virtually clear, metallic coating that acts as a thermal mirror, reflecting radiant heat back into your home during winter and reducing unwanted solar energy in the summer. Low-E also helps block UV rays that cause carpets and furnishings to fade.

GET THE LOW-E ADVANTAGE

Low-E glass helps increase your home's comfort while reducing energy use throughout the year.

- In cooler months, Low-E lets warm solar rays in, while keeping the indoor heat from escaping.
- In warmer months, Low-E glass filters long-wave radiation, reducing heat gain indoors to help reduce your air-conditioning needs.



HIGH-PERFORMANCE SPACER SYSTEMS

Spacer systems not only enhance the thermal performance of a window by helping to block the conduction of heat, they also can improve the window's durability and strength. 70 Series offers two spacer options.



The Intercept Warm-Edge

Spacer features a unique, one-piece metal alloy, U-channel design that reduces heat loss through the window. It's stronger and better at retaining insulating gas than many traditional box spacers.



The Optional Foam Spacer

combines a structural foam spacer with a seal of hot melt butyl to create a "warm" low-conductive edge. This non-metal design eliminates any metal-to-glass contact, thereby increasing the edge of the glass temperature for a highly effective thermal barrier.

GREEN INSPIRATION

Gentek windows and patio doors are performance-engineered to help conserve energy and reduce the consumption of fossil fuels used for heating and cooling homes. Using less energy to heat and cool your home not only saves money, it can reduce your home's carbon footprint as well. High-quality products with a long lifespan can also help lessen your impact on the environment.

Protecting our natural resources and choosing more sustainable products are just a few ways we can help safeguard our planet. Together, we can encourage ecological well-being with everyday actions of environmental stewardship.



80 SERIES WINDOWS



Gentek offers a variety of ENERGY STAR®-certified products. Consult your window professional for an energy-efficient glass package for your home and climate zone.



INNOVATIONS IN STYLE AND STRENGTH

- 1 Premium vinyl masterframe and sashes are colored throughout – won't chip, peel, crack or warp and never need to be painted.
- 2 Multi-chambered masterframe and sash construction create effective insulating air spaces for thermal efficiency.
- 3 1" thick (nominal) insulated glass unit for year-round energy savings.
- 4 Intercept Warm-Edge Spacer System helps protect against energy loss.
- 5 Interlock at sash locking rail increases strength and reduces air infiltration.
- 6 Metal reinforcement in the locking rail provides rigidity and strength.
- 7 Fully extruded dual lift rails ensure easy and convenient operation of the sash.
- 8 Drop-in exterior glazing provides enhanced performance during inclement weather.
- 9 Full capture sill helps prevent air and water infiltration.
- 10 Hidden screen track for added beauty.
- 11 Nailing fin welded at all corners for weathertight installations.

ADDITIONAL FEATURES

- Fusion-welded frame and sashes for increased strength and structural integrity.
- 3-3/8" frame depth for multiple applications.
- Side-load sash operates on two concealed, pre-calibrated block and tackle sash balances.
- Double-pile weatherstripping at the meeting rails for added thermal protection.
- 1" thick (nominal) glazing standard – triple glazing also is available.
- Side-load bottom sash makes cleaning convenient from inside the home.
- Water management system with offset drainage to the exterior.

INSTALLATION EASE

80 Series windows come standard with a 1-3/8" set back nail fin. For enhanced appearance and ease of installation, three additional options are also offered.



1-3/8" Set Back Nail Fin (standard)



1" Set Back Nail Fin



Stucco Fin



Block Frame



Optional PAL lock (shown locked and unlocked) makes it easy to close and lock the window in a single motion.



Optional ADA compliant PAL lock (shown locked and unlocked) with an adjustable pull cord to disengage the lock.

70 SERIES WINDOWS



Gentek offers a variety of ENERGY STAR®-certified products. Consult your window professional for an energy-efficient glass package for your home and climate zone.



PERFORMANCE BY DESIGN

- 1 Premium vinyl masterframe and sashes are colored throughout – won't chip, peel, crack or warp and never need to be painted.
- 2 Multi-chambered masterframe and sash construction creates effective insulating spaces for thermal efficiency.
- 3 3/4" thick (nominal) insulated glass unit for year-round energy savings.
- 4 Intercept Warm-Edge Spacer System helps protect against energy loss.
- 5 Interlock at sash locking rail increases strength and reduces air infiltration.
- 6 Metal reinforcement at the locking rail provides rigidity and strength.
- 7 Fully extruded lift rail ensures easy and convenient operation of the sash.
- 8 Drop-in exterior glazing provides enhanced performance during inclement weather.
- 9 Full-capture sill helps prevent air and water infiltration.
- 10 Hidden screen track for added beauty.
- 11 Nailing fin welded at all corners for weathertight installations.

ADDITIONAL FEATURES

- Fusion-welded frame and sashes for increased strength and structural integrity.
- 2-5/8" frame depth for multiple applications.
- Sash operates on two concealed, pre-calibrated block and tackle sash balances.
- Double-pile weatherstripping at the locking rail for added thermal protection.
- Side-load bottom sash makes cleaning convenient from inside the home.
- Water management system with offset drainage to the exterior.
- Indoor/outdoor removable fiberglass screens.

INSTALLATION EASE

70 Series windows come standard with a 1-3/8" set back nail fin. For ideal installations in a variety of applications, four additional options also are offered.



1-3/8" Set Back Nail Fin (standard)

1-3/8" Set Back Nail Fin with J-Channel

7/8" Nail Fin

Stucco Fin

Block Frame



Optional PAL lock (shown locked and unlocked) makes it easy to close and lock the window in a single motion.



Optional ADA compliant PAL lock (shown locked and unlocked) with an adjustable pull cord to disengage the lock.



SINGLE-HUNG WINDOWS

Classic style and superb construction make the single-hung window a popular choice. The bottom sash tilts in for convenient cleaning access.

- Fusion-welded mainframe and sashes help increase energy efficiency
- Multi-chambered extrusions improve thermal performance and structural integrity
- Side-load sash operates on two concealed, pre-calibrated sash balances
- Protective weatherstripping for greater energy savings
- Multiple configurations are available

80 SERIES MODEL A581

- 3-3/8" frame depth
- 1" thick (nominal) insulated glass unit with warm-edge spacer
- Cam lock and keeper for energy efficiency and a tight seal
- Dual integral lift rails for smooth sash operation

70 SERIES MODEL A571

- 2-5/8" frame depth
- 3/4" thick (nominal) insulated glass unit with warm-edge spacer
- Sweep-style cam lock and keeper provides a tight seal
- Integral lift handle for raising and lowering the sash



SLIDER WINDOWS

Featuring a clean-line design and ample glass exposure, sliding windows glide horizontally for effortless opening and closing.

- Fusion-welded mainframe and sashes help increase energy efficiency
- Multi-chambered extrusions provide superb welding strength and structural integrity
- Heavy-duty integral pull handle for easy sash operation
- Full-length interlock with double-pile weatherstripping enhances thermal performance and durability
- Specially designed brass tandem roller system ensures smooth operation
- Multiple configurations are available

80 SERIES MODEL A282

- 3-3/8" frame depth
- 1" thick (nominal) insulated glass unit
- Cam lock and keeper for energy efficiency and a tight seal

70 SERIES MODEL A272

- 2-5/8" frame depth
- 3/4" thick (nominal) insulated glass unit
- Sweep-style cam lock for increased energy efficiency and a tight seal





PICTURE WINDOWS

Picture windows allow a generous infusion of natural light, while protecting your home with a weathertight shield.

- Fusion-welded mainframe for added strength and energy efficiency
- Multi-walled extrusions provide superb welding strength and structural integrity
- Narrow sightlines for an attractive design and unobstructed viewing area
- Multiple configurations are available
- Add special shape windows and fixed lites to create an expanded window design

80 SERIES MODEL A780

- 3-3/8" frame depth
- 1-1/8" wide nailing fin is welded in all four corners for a weathertight installation
- 1" thick (nominal) insulated glass unit

70 SERIES MODEL A770

- 2-5/8" frame depth
- 1" integral pre-punched nail flange for enhanced installation and a weathertight fit
- 1" thick (nominal) insulated glass unit



SPECIAL SHAPES



Full Round



Half Round



Quarter Arch



Round Top



Octagon



Pentagon



Trapezoid



Triangle

CASEMENT WINDOWS

Casement windows feature an easy-touch crank handle for a gentle outward opening of the sash. Combine casement windows with fixed lites for an expanded window design that offers ample ventilation.

- An easy-to-operate, heavy-duty positive crank mechanism ensures smooth opening and closing of the sash
- Stainless steel hardware delivers years of trouble-free hinge operation
- Multi-walled extrusions provide superb strength, durability and structural integrity
- An energy-efficient design with double compression bulb seal helps protect against air and water infiltration
- Multiple lite configurations are available in a single mainframe





AWNING WINDOWS

Our versatile awning windows effortlessly blend classic style with innovative window technology. Opening up and out with a convenient crank handle, awning windows make it easy to add natural light and refreshing airflow to any room.

- Fusion-welded mainframe and sashes for increased strength and a clean, low-profile finished look
- Heavy-duty, state-of-the-art hinge system provides easy opening and closing of the sash
- A dual locking system on each side of the window offers added comfort
- Combine with fixed lites to allow for convenient ventilation while creating a larger window design
- Multiple lite configurations are available in a single mainframe



SLIDING PATIO DOORS

Our patio doors make a statement of style as well as a convenient and welcoming entry. Featuring a heavy-duty construction and weathertight fit, this beautifully crafted door ensures year-round comfort while allowing the warmth and beauty of natural light to illuminate your home.

A170 SLIDING PATIO DOOR

- Available in White, Almond or Desert Clay; White and Almond patio doors also are available with Black, Architectural Bronze and Silver exterior colors
- Heavy-duty 4-1/2" frame depth and 1" wide integral nailing fin with 1-3/8" set back increases structural integrity
- Stucco fin option is available
- Fusion-welded construction ensures long-lasting strength and durability
- 1" thick (nominal) insulated glass unit with warm-edge technology
- Adjustable dual tandem roller system on a stainless steel track ensures easy operation
- Keyed handle lock and foot lock options
- Two-, three-, and four-panel configurations available



DECORATIVE OPTIONS

COLORS

Designed to complement any home, 80 Series and 70 Series windows are available in White, Almond and Desert Clay.

80 Series windows with a White or Almond interior color also are available with Black, Architectural Bronze and Silver exterior finishes from our Portfolio® Color Collection. The high-performance exterior hues are achieved with a cutting-edge polyurethane coating technology incorporating heat-reflective pigments to ensure a remarkably strong, fade-resistant and highly weatherable finish that's easy to clean.



EXTERIOR PALETTE



Black

Architectural Bronze

Silver



Desert Clay*

Almond*

White*

INTERIOR PALETTE



Desert Clay*

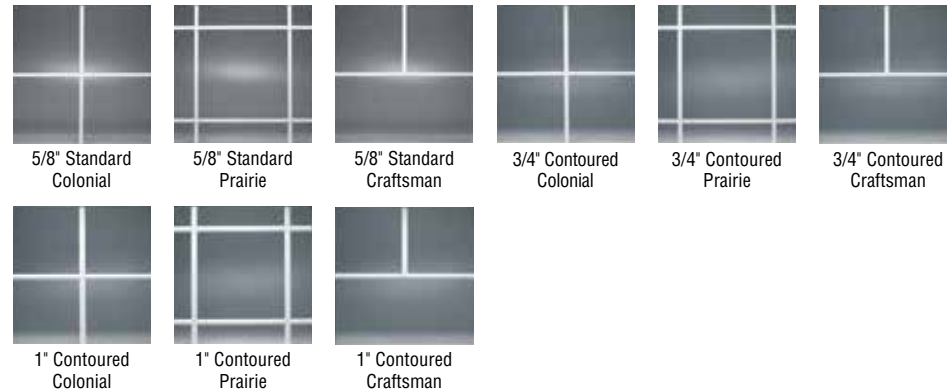
Almond*

White*

*Extruded solid color. Note: 70 Series is available in Desert Clay, Almond and White only. 80 Series in Desert Clay is not available with exterior color finishes.

INTERIOR GRIDS

Interior grids will further enhance the style of your windows. Classic grids are available in White, Almond and Desert Clay. All grid selections are available in Colonial, Prairie and Craftsman patterns in a 5/8" standard flat grid, a 3/4" contoured grid and a 1" contoured grid.



5/8" Standard Colonial

5/8" Standard Prairie

5/8" Standard Craftsman

3/4" Contoured Colonial

3/4" Contoured Prairie

3/4" Contoured Craftsman

1" Contoured Colonial

1" Contoured Prairie

1" Contoured Craftsman

A LIFETIME OF PROTECTION

Gentek 80 Series and 70 Series windows carry a lifetime limited warranty – your assurance of lasting performance and genuine value. In addition, Portfolio Color Collection exterior finishes are backed by 10 year fade-resistance warranty coverage. For complete warranty information, including limitations, ask your dealer for a copy of the window warranty.³



A WISE INVESTMENT

Like many people, your home may be one of your most important investments. Adding beautiful, low-maintenance windows can improve the curb appeal of your home while boosting its value. Tested and certified to national industry standards, Gentek windows consistently earn high marks for superior quality and performance.



GENTEK
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Make us a part of your home.



For a complete list of air, water and structural performance results, as well as specific code approvals, visit www.gentekwindows.net.



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