



80 SERIES AND 70 SERIES

FUSION-WELDED VINYL WINDOWS

ENHANCE YOUR HOME WITH THE
Enhance your home
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 "Made in the U.S.A." craftsmanship 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. 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

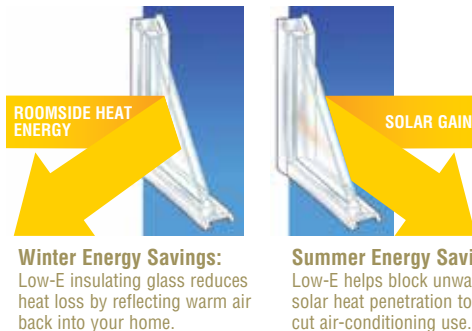
When you consider that windows are roughly 80% glass, you'll see why it's important to choose a glass system that provides superior protection against energy loss. Gentek 80 Series and 70 Series windows are built with high-performance insulating glass that incorporates a warm-edge spacer system. Upgrading your windows with a BarrierXP® insulating glass* 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

The spacer system in a window unit not only serves to stabilize the panes of glass, it also creates an insulating air space that functions as a thermal barrier. 80 Series and 70 Series windows offer two spacer options:

- The **Intercept Warm-Edge Spacer** features a one-piece metal alloy, U-shaped design that reduces heat loss through the window. It's stronger and better at retaining insulating gas than many conventional spacers.
- Unique in its patented design, the **Optional Foam Spacer** combines a structural foam spacer with a seal of hot melt butyl to create a "warm" non-conductive edge. This non-metal design eliminates any metal-to-glass contact.



ENVIRONMENTALLY FRIENDLY

Did you know that vinyl windows are eco-friendly in several ways? Each window is precision-engineered to deliver superior energy efficiency and help reduce the consumption of fossil fuels for heating and cooling. As a recyclable material, all in-plant vinyl scrap is used for other products, further reducing the volume and environmental impact of waste. Vinyl windows also boast a long service life and typically weigh less than other substrate window products, requiring less energy consumption during transportation.¹

¹Source: Vinyl Institute. U.S. EPA Inventory of Sources of Dioxin and Dioxin-Like Compounds.



Gentek offers a variety of ENERGY STAR® qualified products. Consult your window professional for the optimal glass package for your home and climate zone.



80 SERIES WINDOWS



- 1 Solid vinyl color through and through – won't chip, peel, crack or warp.
- 2 Multi-chambered sash and frame improves strength and thermal protection.
- 3 1" thick insulated glass unit increases energy efficiency.
- 4 Intercept Warm-Edge Spacer System helps block energy loss.
- 5 Interlock at sash locking rail increases insulation, comfort and security.
- 6 Metal-reinforcement in the locking rail increases strength and rigidity.
- 7 Easy-to-operate fully extruded lift rails.
- 8 Drop-in glazing provides added protection from outside elements.
- 9 Full capture sill helps prevent air and water infiltration.
- 10 Hidden screen track creates a clean-line appearance.

ADDITIONAL FEATURES

- 1" thick glazing standard – triple glazing available.
- 3-3/8" frame depth for multiple applications.
- Fusion welding at sash and mainframe corners increases structural integrity.
- Side-load sash operates on two concealed, pre-calibrated block and tackle sash balances.
- Double-pile weatherstripping at the locking rail.
- Water management system with offset drainage to the exterior.
- Three additional frame options – 1-3/8" set back nail fin, stucco fin and a block frame are also available.

70 SERIES WINDOWS



- 1 Solid vinyl color through and through – won't chip, peel, crack or warp.
- 2 Multi-chambered sash and frame improves strength and thermal protection.
- 3 3/4" thick insulated glass unit increases energy efficiency.
- 4 Intercept Warm-Edge Spacer System helps block energy loss.
- 5 Interlock at sash locking rail reduces air infiltration.
- 6 Metal-reinforced locking rail adds strength and rigidity.
- 7 Fully extruded lift rail for easy sash operation.
- 8 Drop-in glazing provides added protection from outside elements.
- 9 Full capture sill helps prevent air and water infiltration.
- 10 Hidden screen track creates a clean-line appearance.
- 11 Nailing fin welded at all four corners for increased strength and weathertight installations.

ADDITIONAL FEATURES

- 2-5/8" frame depth for multiple applications.
- Fusion welding at sash and mainframe corners increases structural integrity.
- Sash operates on two concealed, pre-calibrated block and tackle sash balances.
- Double-pile weatherstripping at the locking rail.
- Water management system with offset drainage to the exterior.
- Four additional options – 1-3/8" nail fin with J-channel, 7/8" nail fin, stucco fin and a block frame are also available.



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 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 insulated glass unit
- 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 insulated glass unit
- Sweep-style cam lock and keeper provides a tight seal
- Integral lift handle for raising and lowering the sash

Our optional PAL (positive-action lock) automatically locks the window in one action.



SLIDING WINDOWS

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

- Fusion-welded mainframe and sashes 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

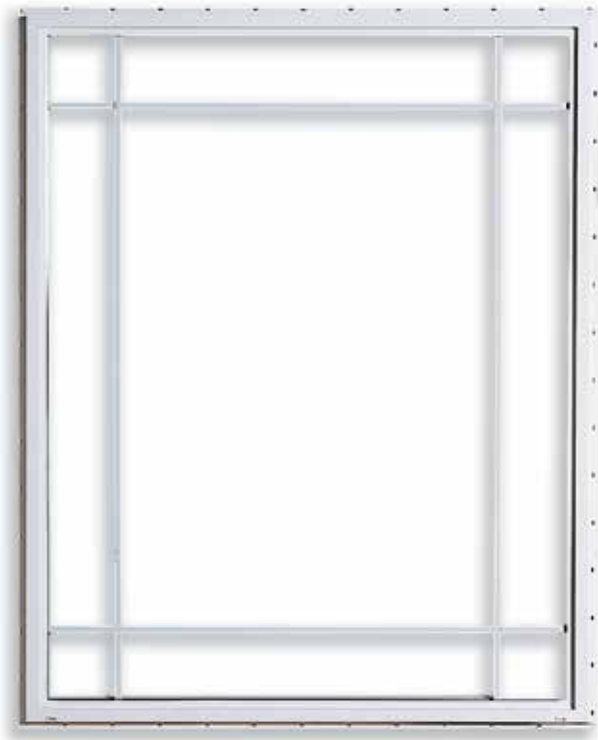
- 3-3/8" frame depth
- 1" thick insulated glass unit
- Cam lock and keeper for energy efficiency and a tight seal

70 SERIES MODEL A272

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



Our optional PAL (positive-action lock) shown unlocked and locked.



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
- 1" thick insulated glass unit with warm-edge spacer system technology increases energy savings
- 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

SPECIAL SHAPES



Full Round



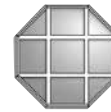
Half Round



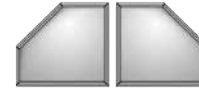
Quarter Arch



Round Top



Octagon



Pentagon



Trapezoid



Triangle

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 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
- 3/4" thick insulated glass unit



CASEMENT AND AWNING WINDOWS

Featuring an easy-to-operate crank handle, casement and awning windows pair beautifully with fixed lites and offer refreshing ventilation.

MODEL A682 CASEMENT AND MODEL A681 AWNING

- Fusion-welded frame and sashes eliminate potential leak points at sill corners for improved energy efficiency
- Multi-walled extrusions provide superb welding strength, durability and structural integrity
- 1" thick insulated glass unit with warm-edge spacer system technology increases energy efficiency
- Positive crank mechanism ensures easy operation when opening and closing the sash
- Multi-point locking system creates a tight seal for added comfort
- Multiple lite configurations are available in a single mainframe



Butterfly handle option.



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 and energy savings 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 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

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



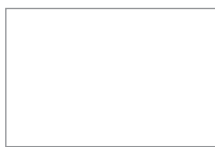
Silver



Desert Clay*



Almond*



White*

INTERIOR PALETTE



Desert Clay*



Almond*



White*

*Extruded solid color. Note: Desert Clay base 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, as well as a standard 5/8" White/Bronze grid (80 Series). 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. Designer grids also are available to provide additional style options.



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



5/16" Designer Prairie



5/16" Designer Double Prairie

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.



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.



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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Make us a part of your home.



Dedicated to continuous quality improvement, the prestigious ISO 9001:2015 certification recognizes Gentek window plant operations for superior quality management in production of consistently high-quality, energy-efficient windows and patio doors. Gentek is one of only a few U.S. window manufacturers to earn this world-class quality distinction.



All specifications and designs subject to change without notice. Due to product changes, improvements and other factors, Gentek reserves the right to change or delete information contained herein without prior notice. *Insulated glass (IG) units that require capillary tubes may experience some argon gas depletion. Colors are reproduced by lithographic process and may vary slightly from colors of actual product. WARNING: Screen will not stop child from falling out window. Keep child away from open window. The only purpose of the screen is to minimize infiltration of insects. Intercept is a registered trademark of Vitro. ENERGY STAR name and logo are registered U.S. marks and are owned by the U.S. government. USGBC and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.